Listed below are known citations to the NASA Socioeconomic Data and Applications Center (SEDAC) *Gridded Population of the World (GPW) v3* data collection. The data collection, and specific data set (if known), being cited are beneath each citation. Citations to multiple collections/sets are listed on separate lines. If a publication cites remotely sensed earth observation data, whether from NASA or another source, those instruments and/or platforms are listed as well.

List last updated on 3 October 2023.

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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NASA REMOTE SENSING (MISR)

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NASA REMOTE SENSING (OMI)

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Gridded Population of the World (GPW) v3 (population density)

NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (SRTM)
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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
REMOTE SENSING (DMSP-OLS)

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NASA REMOTE SENSING (MODIS)

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NASA REMOTE SENSING (MODIS - MCD45A1)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

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Gridded Population of the World (GPW) v3 (population count)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
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Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

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Gridded Population of the World (GPW) v3 (admin boundaries)
Global Rural-Urban Mapping Project (GRUMP) v1 (coastlines) - 10.7927/H4CR5R8J
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Low Elevation Coastal Zone (LECZ) (Sea Level Rise Impacts on Ramsar Wetlands of International Importance, v1) - 10.7927/H4CC0XMD
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Gridded Population of the World (GPW) v3 (unspecified)

Baztan, J., Jorgensen, B., Vanderlinden, J.-P., Pahl, S., Thompson, R., Carrasco, A., . . . Paul-Pont, I. (2015). Protected shores contaminated with plastic: From knowledge to action. In J. Baztan, O. Chouinard, B. Jorgensen, P. Tett, J.-P. Vanderlinden, & L. Vasseur (Eds.), *Coastal Zones* (pp. 185-195): Elsevier.
Gridded Population of the World (GPW) v3 (population density)

Beger, M., McGowan, J., Treml, E. A., Green, A. L., White, A. T., Wolff, N. H., . . . Possingham, H. P. (2015). Integrating regional conservation priorities for multiple objectives into national policy. *Nature Communications, 6*(8208). doi:10.1038/ncomms9208
Gridded Population of the World (GPW) v3 (population density)

Bellard, C., LeClerc, C., Hoffmann, B. D., & Courchamp, F. (2016). Vulnerability to climate change and sea-level rise of the 35th biodiversity hotspot, the forests of East Australia. *Environmental Conservation, 43*(1), 79-89. doi:10.1017/S037689291500020X
Gridded Population of the World (GPW) v3 (unspecified)

Bengtsson, M., Shen, Y., & Oki, T. (2006). A SRES-based gridded global population dataset for 1990–2100. *Population and Environment, 28*(2), 113-131. doi:10.1007/s11111-007-0035-8
Gridded Population of the World (GPW) v3 (population count)
Socioeconomic Downscaled Projections (Country-Level Population and Downscaled Projections Based on the SRES A1, B1, and A2 Scenarios, v1)
Socioeconomic Downscaled Projections (Country-Level Population and Downscaled Projections Based on the SRES B2 Scenario, v1)

BenYishay, A., DiLorenzo, M., & Dolan, C. (2022). The economic efficiency of aid targeting. *World Development, 160*, 106062. doi:10.1016/j.worlddev.2022.106062
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (DMSP-OLS)

BenYishay, A., Heuser, S., Runfola, D., & Trichler, R. (2016). *Indigenous Land Rights and Deforestation: Evidence from the Brazilian Amazon*. Retrieved from Williamsburg VA: http://aiddata.org/sites/default/files/wps22_indigenous_land_rights_and_deforestation.pdf
Gridded Population of the World (GPW) v3 (collection)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
NASA REMOTE SENSING (SRTM)

BenYishay, A., Heuser, S., Runfola, D., & Trichler, R. (2017). Indigenous land rights and deforestation: Evidence from the Brazilian Amazon. *Journal of Environmental Economics and Management, 86*, 29-47. doi:10.1016/j.jeem.2017.07.008
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

Beresford, A. E., Buchanan, G. M., Phalan, B. E. N., Eshiamwata, G. W., Balmford, A., Brink, A. B., . . . Donald, P. F. (2018). Correlates of long-term land-cover change and protected area performance

at priority conservation sites in Africa. *Environmental Conservation, 45*(1), 49-57.
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Gridded Population of the World (GPW) v3 (population density)
REMOTE sensing (Landsat)

Bernal-Escobar, A., Payan, E., & Cordovez, J. M. (2015). Sex dependent spatially explicit stochastic
dispersal modeling as a framework for the study of jaguar conservation and management in
South America. *Ecological Modelling, 299*, 40-50. doi:10.1016/j.ecolmodel.2014.12.002
Gridded Population of the World (GPW) v3 (population density)

Bernauer, T., & Kuhn, P. M. (2010). Is there an environmental version of the Kantian peace? Insights
from water pollution in Europe. *European Journal of International Relations, 16*(1), 77-102.
doi:10.1177/1354066109344662
Gridded Population of the World (GPW) v3 (population density)

Bertocchi, G., & Dimico, A. (2015). *The Long-Term Determinants of Female HIV Infection in Africa: The
Slave Trade, Polygyny, and Sexual Behavior*. Retrieved from Belfast:
http://www.quceh.org.uk/uploads/1/0/5/5/10558478/wp15-04.pdf
http://www.quceh.org.uk/working-papers.html
Gridded Population of the World (GPW) v3 (population density)

Betancourt, C., Stomberg, T. T., Edrich, A.-K., Patnala, A., Schultz, M. G., Roscher, R., . . . Stadtler, S.
(2022). Global, high-resolution mapping of tropospheric ozone – explainable machine learning
and impact of uncertainties. *Geoscientific Model Development, 15*, 4331-4354.
doi:0.5194/gmd-15-4331-2022
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (MODIS - MD12C1)
NASA REMOTE SENSING (OMI NO2)
REMOTE SENSING (DMSP-OLS)

Bhatt, C. M., Srinivasa Rao, G., Begum, A., Manjusree, P., Sharma, S. V. S. P., Prasanna, L., &
Bhanumurthy, V. (2013). Satellite images for extraction of flood disaster footprints and assessing
the disaster impact: Brahmaputra floods of June-July 2012, Assam, India. *Current Science,
104*(12), 1692-1700. Retrieved from
http://www.currentscience.ac.in/Volumes/104/12/1692.pdf
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (Synthetic Aperture Radar (SAR))
REMOTE SENSING (Indian Remote Sensing (IRS) Resourcesat-2 LISS (Linear Imaging Self-Scanning
Sensor)-III)
REMOTE SENSING (Indian Remote Sensing (IRS) Resourcesat-1 AWiFS (Advanced Wide Field Sensor))

Bhatt, S., Gething, P. W., Brady, O. J., Messina, J. P., Farlow, A. W., Moyes, C. L., . . . Hay, S. I. (2013). The
global distribution and burden of dengue. *Nature, 496*, 504-507. doi:10.1038/nature12060
Gridded Population of the World (GPW) v3 (unspecified)
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)

Bhattarai, R., Yoshimura, K., Seto, S., Nakamura, S., & Oki, T. (2016). Statistical model for economic
damage from pluvial floods in Japan using rainfall data and socio-economic parameters. *Natural*

Hazards and Earth System Sciences, 16, 1063-1067. doi:10.5194/nhess-16-1063-2016
Gridded Population of the World (GPW) v3 (population count)

Bhavnani, R., & Choi, H. J. (2012). Modeling civil violence in Afghanistan: Ethnic geography, control, and collaboration. *Complexity, 17*(6), 42-51. doi:10.1002/cplx.21399
Gridded Population of the World (GPW) v3 (population count)

Bierbaum, R., & Fay, M. (2010). *World Development Report 2010:   Development and Climate Change*. Washington DC: World Bank.
Gridded Population of the World (GPW) v3 (population density)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Bieser, J., Aulinger, A., Matthias, V., & Quante, M. (2012). Implementation and evaluation of a comprehensive emission model for Europe. In D. G. Steyn & S. Trini Castelli (Eds.), *Air Pollution Modeling and its Application XXI* (Vol. 4, pp. 533-538): Springer Netherlands.
Gridded Population of the World (GPW) v3 (unspecified)

Bieser, J., Aulinger, A., Matthias, V., Quante, M., & Builtjes, P. (2010). SMOKE for Europe--adaptation, modification and evaluation of a comprehensive emission model for Europe. *Geoscientific Model Development, 3*, 949-1007. doi:10.5194/gmdd-3-949-2010
Gridded Population of the World (GPW) v3 (population density)

Biewald, A., Lotze-Campen, H., Otto, I., Brinckmann, N., Bodirsky, B., Weindl, I., . . . Schellnhuber, H. J. (2015). *The Impact of Climate Change on Costs of Food and People Exposed to Hunger at Subnational Scale*. Retrieved from Potsdam, Germany: https://www.pik-potsdam.de/research/publications/pikreports/.files/pr128.pdf
Gridded Population of the World (GPW) v3 (population density)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Billing, T. (2019). Government fragmentation, administrative capacity, and public goods: The negative consequences of reform in Burkina Faso. *Political Research Quarterly, 72*(3), 669-685. doi:10.1177/1065912918800820
Gridded Population of the World (GPW) v3 (population count)

Billing, T. (2020). *The Demand for Aid and the Supply of Development.* (Ph.D.). University of Maryland, College Park, College Park, MD. Retrieved from https://doi.org/10.13016/lvfh-f6wu
Gridded Population of the World (GPW) v3 (population count)

Birhanu, Z. B., & Tabo, R. (2016). Shallow wells, the untapped resource with a potential to improve agriculture and food security in southern Mali. *Agriculture & Food Security, 5*(1), 1-13. doi:10.1186/s40066-016-0054-8
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

Birkmann, J., Krause, D., Setiadi, N. J., Suarez, D.-C., Welle, T., Wolfertz, J., . . . Radtke, K. (2011). *WorldRisk Report 2011*. Retrieved from
Gridded Population of the World (GPW) v3 (unspecified)

Bistinas, I., Oom, D., Sá, A. C. L., Harrison, S. P., Prentice, I. C., & Pereira, J. M. C. (2013). Relationships between human population density and burned area at continental and global scales. *PLoS ONE, 8*(12), e81188. doi:10.1371/journal.pone.0081188
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Biswas, S., Vadrevu, K. P., Lwin, Z. M., Lasko, K., & Justice, C. O. (2015). Factors controlling vegetation fires in protected and non-protected areas of Myanmar. *PLoS ONE, 10*(4), e0124346. doi:10.1371/journal.pone.0124346
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (ASTER GDEM)
NASA REMOTE SENSING (MODIS Active Fires)

Bitzer, J., & Gören, E. (2018). *Foreign aid and subnational development: A grid cell analysis*. Retrieved from Oldenburg: http://hdl.handle.net/10419/175419
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Blach-Overgaard, A., Svenning, J.-C., Dransfield, J., Greve, M., & Balslev, H. (2010). Determinants of palm species distributions across Africa: the relative roles of climate, non-climatic environmental factors, and spatial constraints. *Ecography, 33*(2), 380-391. doi:10.1111/j.1600-0587.2010.06273.x
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild (Human Footprint) version unspecified
NASA REMOTE SENSING (MODIS Vegetation Continuous Fields)

Blackman, A. (2012). *Ex Post Evaluation of Forest Conservation Policies Using Remote Sensing Data*. Retrieved from Washington DC: http://www.rff.org/Publications/Pages/PublicationDetails.aspx?PublicationID=21826
Gridded Population of the World (GPW) v3 (population count)

Blackman, A. (2013). Evaluating forest conservation policies in developing countries using remote sensing data: An introduction and practical guide. *Forest Policy and Economics, 34*, 1-16. doi:10.1016/j.forpol.2013.04.006
Gridded Population of the World (GPW) v3 (unspecified)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

Blackman, A., & Veit, P. (2018). Titled Amazon indigenous communities cut forest carbon emissions. *Ecological Economics, 153*, 56-67. doi:10.1016/j.ecolecon.2018.06.016
Gridded Population of the World (GPW) v3 (population density)

Bland, L. M. (2017). Global correlates of extinction risk in freshwater crayfish. *Animal Conservation, 20*(6), 532-542. doi:10.1111/acv.12350
Gridded Population of the World (GPW) v3 (population density)

Bland, L. M., & Böhm, M. (2016). Overcoming data deficiency in reptiles. *Biological Conservation, 204*(Part A), 16-22. doi:10.1016/j.biocon.2016.05.018

Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Human Footprint)

Bland, L. M., Collen, B., Orme, C. D. L., & Bielby, J. (2015). Predicting the conservation status of
    data-deficient species. *Conservation Biology, 29*(1), 250-259. doi:10.1111/cobi.12372
Gridded Population of the World (GPW) v3 (population density future estimates)
Last of the Wild v2 (Human Footprint)
Socioeconomic Downscaled Projections (Country-Level Population and Downscaled Projections Based on
    the SRES B2 Scenario, v1)

Bland, L. M., Orme, C. D. L., Bielby, J., Collen, B., Nicholson, E., & McCarthy, M. A. (2015). Cost-effective
    assessment of extinction risk with limited information. *Journal of Applied Ecology, 52*(4),
    861-870. doi:10.1111/1365-2664.12459
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Human Footprint)

Bloch, R., Monroy, J., Fox, S., & Ojo, A. (2015). *Urbanisation and Urban Expansion in Nigeria*. Retrieved
    from London:
    http://urn.icfwebservices.com/publications/urbanisation-and-urban-expansion-in-nigeria
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Bloom, D. E., Canning, D., Fink, G., Khanna, T., & Salyer, P. (2010). *WP/12 Urban Settlement: Data,
    Measures, and Trends*. Retrieved from
    http://www.wider.unu.edu/publications/working-papers/2010/en_GB/wp2010-12/
Gridded Population of the World (GPW) v3
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Blossom, J. C., Finkelstein, J. L., Guan, W. W., & Burns, B. (2011). Applying GIS methods to public health
    research at Harvard University. *Journal of Map & Geography Libraries, 7*(3), 349-376.
    doi:10.1080/15420353.2011.599770
Gridded Population of the World (GPW) v3 (collection)

Boeke, N. L., Marshall, J. D., Alvarez, S., Chance, K. V., Fried, A., Kurosu, T. P., . . . Millet, D. B. (2011).
    Formaldehyde columns from the Ozone Monitoring Instrument: Urban versus background levels
    and evaluation using aircraft data and a global model. *Journal of Geophysical Research:
    Atmospheres, 116*(D5), D05303. doi:10.1029/2010jd014870
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (OMI)

Bogoni, J. A., Carvalho-Rocha, V., & da Silva, P. G. (2022). Spatial and land-use determinants of bat
    species richness, functional diversity, and site uniqueness throughout the largest Tropical
    country, Brazil. *Mammal Review, 52*(2), 267-283. doi:10.1111/mam.12279
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Bogoni, J. A., Peres, C. A., & Ferraz, K. M. P. M. B. (2022). Medium- to large-bodied mammal surveys
    across the Neotropics are heavily biased against the most faunally intact assemblages. *Mammal
    Review, 52*(2), 221-235. doi:10.1111/mam.12274

Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Böhm, M., & Popescu, V. D. (2016). Landscape ecology, biogeography and GIS methods. In C. K. Dodd (Ed.), *Reptile Ecology and Conservation: A Handbook of Techniques* (pp. 298-314): Oxford University Press.
Gridded Population of the World (GPW) v3 (collection)
Human Appropriation of Net Primary Productivity (HANPP) (collection)
Land Use and Land Cover (LULC) (Global Mangrove Forests Distribution, v1)
Millennium Ecosystem Assessment (MA) (collection)
NASA REMOTE SENSING (MODIS - MCD12Q1)

Böhm, M., Williams, R., Bramhall, H. R., McMillan, K. M., Davidson, A. D., Garcia, A., . . . Collen, B. (2016). Correlates of extinction risk in squamate reptiles: the relative importance of biology, geography, threat and range size. *Global Ecology and Biogeography, 25*(4), 391-405. doi:10.1111/geb.12419
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Global Human Footprint (Geographic))

Bohnet, H., Cottier, F., & Hug, S. (2021). Conflict versus disaster-induced displacement: Similar or distinct implications for security? *Civil Wars, 23*(4), 493-519. doi:10.1080/13698249.2021.1963586
Gridded Population of the World (GPW) v3 (population count)

Bombardelli, C., Amato, D., & Luis Cano, J. (2016). Mission analysis for the ion beam deflection of fictitious asteroid 2015 PDC. *Acta Astronautica, 118*, 296-307. doi:10.1016/j.actaastro.2015.11.003
Gridded Population of the World (GPW) v3 (population density future estimates)

Bonifacio-Bautista, M., Ballinas, M., Jazcilevich, A., & Barradas, V. L. (2022). Estimation of anthropogenic heat release in Mexico City. *Urban Climate, 43*, 101158. doi:10.1016/j.uclim.2022.101158
Gridded Population of the World (GPW) v3 (population density)

Bonilla, S., Aguilera, A., Aubriot, L., Huszar, V., Almanza, V., Haakonsson, S., . . . Antoniades, D. (2023). Nutrients and not temperature are the key drivers for cyanobacterial biomass in the Americas. *Harmful Algae, 121*, 102367. doi:10.1016/j.hal.2022.102367
Gridded Population of the World (GPW) v3 (population count)

Bonnet-Lebrun, A.-S., Karamanlidis, A. A., de Gabriel Hernando, M., Renner, I., & Gimenez, O. (2020). Identifying priority conservation areas for a recovering brown bear population in Greece using citizen science data. *Animal Conservation, 23*(1), 83-93. doi:10.1111/acv.12522
Gridded Population of the World (GPW) v3 (population density)

Borge-Holthoefer, J., Perra, N., Gonçalves, B., González-Bailón, S., Arenas, A., Moreno, Y., & Vespignani, A. (2016). The dynamics of information-driven coordination phenomena: A transfer entropy analysis. *Science Advances, 2*(4), 8 pp. doi:10.1126/sciadv.1501158
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) alpha (population count)

Börner, K. (2010). *Atlas of Science: Visualizing What We Know*. Cambridge, MA: The MIT Press.
Gridded Population of the World (GPW) v3 (population count future estimates)

Bosetti, V., Cattaneo, C., & Peri, G. (2018). *Should They Stay or Should They Go? Climate Migrants and Local Conflicts*. Retrieved from Cambridge, MA: https://doi.org/10.3386/w24447
Gridded Population of the World (GPW) v3 (population count)

Bounoua, L., Nigro, J., Thome, K., Zhang, P., Fathi, N., & Lachir, A. (2018). A method for mapping future urbanization in the United States. *Urban Science, 2*(2), 40. doi:10.3390/urbansci2020040
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (Landsat)

Bounoua, L., Nigro, J., Zhang, P., Thome, K., & Lachir, A. (2018). Mapping urbanization in the United States from 2001 to 2011. *Applied Geography, 90*, 123-133. doi:10.1016/j.apgeog.2017.12.002
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Landsat)

Bouwmeester, H., Heuvelink, G. B. M., Legg, J. P., & Stoorvogel, J. J. (2012). Comparison of disease patterns assessed by three independent surveys of cassava mosaic virus disease in Rwanda and Burundi. *Plant Pathology, 61*(2), 399-412. doi:10.1111/j.1365-3059.2011.02500.x
Gridded Population of the World (GPW) v3 (population density)

Brander, L., Bräuer, I., Gerdes, H., Ghermandi, A., Kuik, O., Markandya, A., . . . Wagtendonk, A. (2012). Using meta-analysis and GIS for value transfer and scaling up: Valuing climate change induced losses of European wetlands. *Environmental and Resource Economics, 52*(3), 395-413. doi:10.1007/s10640-011-9535-1
Gridded Population of the World (GPW) v3 (population count)

Brander, L., Fall, E. H., Friedrich, R., Hirschberg, S., Kuik, O., Magmussen, K., . . . van der Zwaan, B. (2011). External Costs. In A. Markandya, A. Bigano, & R. Porchia (Eds.), *The Social Cost of Electricity: Scenarios and Policy Implications* (pp. 3-76). Milan: Fondazione Eni Enrico Mattei (FEEM).
Gridded Population of the World (GPW) v3 (unspecified)

Brander, L. M., Baulcomb, C., van der Lelij, J. A. C., Eppink, F., McVittie, A., Nijsten, L., & van Beukering, P. (2015). *The Benefits to People of Expanding Marine Protected Areas*. Retrieved from Amsterdam: http://assets.wnf.nl/downloads/mpa_rapport_volledig.pdf
Gridded Population of the World (GPW) v3 (population count)

Brander, L. M., Ghermandi, A., Kuik, O., Markandya, A., Dias Nunes, P. A., Schaafsma, M., & Wagtendonk, A. (2010). *Scaling Up Ecosystem Services Values: Methodology, Applicability and a Case Study - FEEM Working Paper No. 41.2010*. Retrieved from Milano: http://ssrn.com/paper=1600011
Gridded Population of the World (GPW) v3 (population density)

Brander, L. M., & Koetse, M. J. (2011). The value of urban open space: Meta-analyses of contingent valuation and hedonic pricing results. *Journal of Environmental Management, 92*(10), 2763-2773. doi:10.1016/j.jenvman.2011.06.019
Gridded Population of the World (GPW) v3 (population density)

Brander, L. M., van Beukering, P., Nijsten, L., McVittie, A., Baulcomb, C., Eppink, F. V., & Cado van der Lelij, J. A. (2020). The global costs and benefits of expanding Marine Protected Areas. *Marine Policy, 116*, 103953. doi:10.1016/j.marpol.2020.103953
Gridded Population of the World (GPW) v3 (population density)

Brandt, A. R., Millard-Ball, A., Ganser, M., & Gorelick, S. M. (2013). Peak oil demand: The role of fuel efficiency and alternative fuels in a global oil production decline. *Environmental Science & Technology, 47*(14), 8031-8041. doi:10.1021/es401419t
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (population density)

Brandt, M., Rasmussen, K., Peñuelas, J., Tian, F., Schurgers, G., Verger, A., . . . Fensholt, R. (2017). Human population growth offsets climate-driven increase in woody vegetation in sub-Saharan Africa. *Nature Ecology & Evolution, 1*, 0081. doi:10.1038/s41559-017-0081
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (AMSR-E)
NASA REMOTE SENSING (SSM/I)
REMOTE SENSING (WindSat)

Brauer, M., Freedman, G., Frostad, J., van Donkelaar, A., Martin, R. V., Dentener, F., . . . Cohen, A. (2016). Ambient air pollution exposure estimation for the global burden of disease 2013. *Environmental Science & Technology, 50*(1), 79-88. doi:10.1021/acs.est.5b03709
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (CALIOP Lidar)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SeaWiFS)

Brauman, K. A., Richter, B. D., Postel, S., Malsy, M., & Flörke, M. (2016). Water depletion: An improved metric for incorporating seasonal and dry-year water scarcity into water risk assessments. *Elementa: Science of the Anthropocene, 4*(000083), 12. doi:10.12952/journal.elementa.000083
Gridded Population of the World (GPW) v3 (population density)

Breckner, M. (2019). *Climatic and Geographic Determinants of Economic Development.* (Ph.D. Dissertation, LMU Munich). Ludwig Maximilians Universität, Munich, Munich. Retrieved from https://edoc.ub.uni-muenchen.de/23734/ (ediss:23734)
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v4 (population density)
Population Dynamics (Global Estimated Net Migration Grids By Decade, v1)
NASA REMOTE SENSING (MODIS - MOD13C1)

Breckner, M., & Sunde, U. (2019). Temperature extremes, global warming, and armed conflict: new insights from high resolution data. *World Development, 123*, 104624. doi:10.1016/j.worlddev.2019.104624
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v4 (population density)
Population Dynamics (Global Estimated Net Migration Grids By Decade, v1)

Breyer, C., & Gerlach, A. (2013). Global overview on grid-parity. *Progress in Photovoltaics: Research and Applications, 21*(1), 121-136. doi:10.1002/pip.1254
Gridded Population of the World (GPW) v3 (population count)

Brierley, L., Vonhof, M. J., Olival, K. J., Daszak, P., & Jones, K. E. (2015). Quantifying global drivers of zoonotic bat viruses: A process-based perspective. *The American Naturalist, 187*(2), E53-E64. doi:10.1086/684391
Gridded Population of the World (GPW) v3 (population density)

Briggs, D. J., Gulliver, J., Fecht, D., & Vienneau, D. M. (2007). Dasymetric modelling of small-area population distribution using land cover and light emissions data. *Remote Sensing of Environment, 108*(4), 451-466. doi:10.1016/j.rse.2006.11.020
Gridded Population of the World (GPW) v3 (collection)

Briggs, R. C. (2018). Poor targeting: A gridded spatial analysis of the degree to which aid reaches the poor in Africa. *World Development, 103*(Supplement C), 133-148. doi:10.1016/j.worlddev.2017.10.020
Gridded Population of the World (GPW) v3 (population count)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1) - 10.7927/H4K64G12

Briggs, R. C. (2019). *Why Does Aid Not Target The Poorest?* Retrieved from Williamsburg VA: https://www.aiddata.org/publications/why-does-aid-not-target-the-poorest
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Brindha, K., & Pavelic, P. (2016). Identifying priority watersheds to mitigate flood and drought impacts by novel conjunctive water use management. *Environmental Earth Sciences, 75*(5), 1-17. doi:10.1007/s12665-015-4989-z
Gridded Population of the World (GPW) v3 (population density)
Natural Disaster Hotspots (flood mortality risks)
Natural Disaster Hotspots (flood proportional economic loss)
NASA REMOTE SENSING (SRTM)

Brinegar, S. J., & Popick, S. J. (2010). A comparative analysis of small area population estimation methods. *Cartography and Geographic Information Science, 37*(4), 273-284. doi:10.1559/152304010793454327
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Bring, A., & Destouni, G. (2009). Hydrological and hydrochemical observation status in the pan-Arctic drainage basin. *Polar Research, 28*(3), 327-338. doi:10.1111/j.1751-8369.2009.00126.x
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Brito, J. C., Godinho, R., Martínez-Freiría, F., Pleguezuelos, J. M., Rebelo, H., Santos, X., . . . Carranza, S. (2014). Unravelling biodiversity, evolution and threats to conservation in the Sahara-Sahel. *Biological Reviews, 89*(1), 215-231. doi:10.1111/brv.12049
Gridded Population of the World (GPW) v3 (population density future estimates)

Brito, J. C., Tarroso, P., Vale, C. G., Martínez-Freiría, F., Boratyński, Z., Campos, J. C., . . . Carvalho, S. B. (2016). Conservation biogeography of the Sahara-Sahel: additional protected areas are needed to secure unique biodiversity. *Diversity and Distributions, 22*(4), 371-384. doi:10.1111/ddi.12416
Gridded Population of the World (GPW) v3 (population density)

Brncic, T., Amarasekaran, B., McKenna, A., Mundry, R., & Kühl, H. (2015). Large mammal diversity and their conservation in the human-dominated land-use mosaic of Sierra Leone. *Biodiversity and Conservation*, 1-22. doi:10.1007/s10531-015-0931-7
Gridded Population of the World (GPW) v3 (population density)

Brooker, S. J., Akhwale, W., Pullan, R. L., Estambale, B., Clarke, S. E., Snow, R. W., & Hotez, P. J. (2007). Epidemiology of *Plasmodium-Helminth* co-infection in Africa: Populations at risk, potential impact on anemia, and prospects for combining control. *American Journal of Tropical Medicine and Hygiene, 77*(6_Suppl), 88-98. Retrieved from http://www.ajtmh.org/cgi/content/abstract/77/6_Suppl/88
Gridded Population of the World (GPW) v3 (population count)

Brooker, S. J., Clements, A. C. A., Hotez, P. J., Hay, S. I., Tatem, A. J., Bundy, D. A. P., & Snow, R. W. (2006). The co-distribution of *Plasmodium falciparum* and hookworm among African schoolchildren. *Malaria Journal, 5*, 8pp. doi:10.1186/1475-2875-5-99
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Brooker, S. J., Hotez, P. J., & Bundy, D. A. P. (2008). Hookworm-related anaemia among pregnant women: A systematic review. *PLoS Neglected Tropical Diseases, 2*(9), e291. doi:10.1371/journal.pntd.0000291
Gridded Population of the World (GPW) v3 (population count)

Brown, M. E. (2008). Population datasets. In *Famine Early Warning Systems and Remote Sensing Data* (pp. 189-202): Springer.
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Brown, M. E., Funk, C., Pedreros, D., Korecha, D., Lemma, M., Rowland, J., . . . Verdin, J. (2017). A climate trend analysis of Ethiopia: examining subseasonal climate impacts on crops and pasture conditions. *Climatic Change, 142*(1), 169-182. doi:10.1007/s10584-017-1948-6
Gridded Population of the World (GPW) v3 (unspecified)

Bruederle, A., & Hodler, R. (2018). Nighttime lights as a proxy for human development at the local level. *PLoS ONE, 13*(9), e0202231. doi:10.1371/journal.pone.0202231
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v4 (population density)
REMOTE SENSING (DMSP-OLS)

Brummitt, N. A., Bachman, S. P., Griffiths-Lee, J., Lutz, M., Moat, J. F., Farjon, A., . . . Nic Lughadha, E. M. (2015). Green plants in the Red: A baseline global assessment for the IUCN Sampled Red List Index for plants. *PLoS ONE, 10*(8), e0135152. doi:10.1371/journal.pone.0135152
Gridded Population of the World (GPW) v3 (population count) - 10.7927.H4639MPP

Last of the Wild v2 (Human Footprint) - 10.7927/H4M61H5F

Bruno, J. F., & Valdivia, A. (2016). Coral reef degradation is not correlated with local human population density. *Scientific Reports, 6*(29778), 8 pp. doi:10.1038/srep29778
Gridded Population of the World (GPW) v3 (population density)

Buch, S., Bera, S., & Sarkar, S. (2014). A novel random user generation technique for multibeam satellite applications. *Communications Letters, IEEE, PP*(99), 1-4. doi:10.1109/lcomm.2014.011714.132845
Gridded Population of the World (GPW) v3 (population density)

Buchanan, G. M., Donald, P. F., Fishpool, L. D. C., Arinaitwe, J. A., Balman, M., & Mayaux, P. (2009). An assessment of land cover and threats in Important Bird Areas in Africa. *Bird Conservation International, 19*(1), 49-61. doi:10.1017/S0959270908007697
Gridded Population of the World (GPW) v3 (population density)

Buchanan, G. M., Parks, B. C., Donald, P. F., O'Donnell, B. F., Runfola, D., Swaddle, J. P., . . . Butchart, S. H. M. (2018). The local impacts of World Bank development projects near sites of conservation significance. *The Journal of Environment & Development, 27*(3), 299-322. doi:10.1177/1070496518785943
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

Buchanan, G. M., Parks, B. C., Donald, P. F., O'Donnell, B. F., Runfola, D., Swaddle, J. P., . . . Butchart, S. H. M. (2016). *The Impacts of World Bank Development Projects on Sites of High Biodiversity Importance*. Retrieved from Williamsburg, VA: http://aiddata.org/sites/default/files/wps20_world_bank_biodiversity_0.pdf
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

Bucklin, D. N., Basille, M., Benscoter, A. M., Brandt, L. A., Mazzotti, F. J., Romañach, S. S., . . . Watling, J. I. (2015). Comparing species distribution models constructed with different subsets of environmental predictors. *Diversity and Distributions, 21*(1), 23-35. doi:10.1111/ddi.12247
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (DMSP-OLS)

Budimir, M. E. A., Atkinson, P. M., & Lewis, H. G. (2014). Earthquake-and-landslide events are associated with more fatalities than earthquakes alone. *Natural Hazards, 72*(2), 895-914. doi:10.1007/s11069-014-1044-4
Gridded Population of the World (GPW) v3 (population count)
Natural Disaster Hotspots (collection)
Socioeconomic Downscaled Projections (Global 15 x 15 Minute Grids of the Downscaled GDP Based on the SRES B2 Scenario, v1)
NASA REMOTE SENSING (SRTM)

Buechley, E. R., McGrady, M. J., Çoban, E., & Şekercioğlu, Ç. H. (2018). Satellite tracking a wide-ranging endangered vulture species to target conservation actions in the Middle East and East Africa. *Biodiversity and Conservation, 27*(9), 2293-2310. doi:10.1007/s10531-018-1538-6

Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

Buerkert, A., Ganeshaiah, K. N., & Siebert, S. (2021). Water use in human civilizations: An interdisciplinary analysis of a perpetual social-ecological challenge. *Frontiers of Agricultural Science and Engineering, 8*(4), 512-524. doi:10.15302/j-fase-2021393
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Buhaug, H., Cederman, L.-E., & Rød, J. K. (2008). Disaggregating ethno-nationalist civil wars: A dyadic test of exclusion theory. *International Organization, 62*, 531-551. doi:10.1017/S0020818308080181
Gridded Population of the World (GPW) v3 (population density)

Buhaug, H., Gleditsch, K. S., Holtermann, H., Østby, G., & Tollefsen, A. F. (2011). It's the local economy, stupid! Geographic wealth dispersion and conflict outbreak location. *Journal of Conflict Resolution, 55*(5), 814-840. doi:10.1177/0022002711408011
Gridded Population of the World (GPW) v3 (collection)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Buhaug, H., & Urdal, H. (2013). An urbanization bomb? Population growth and social disorder in cities. *Global Environmental Change, 23*(1), 1-10. doi:10.1016/j.gloenvcha.2012.10.016
Gridded Population of the World (GPW) v3 (population count)

Bundschuh, J., Maity, J. P., Mushtaq, S., Vithanage, M., Seneweera, S., Schneider, J., . . . Chen, C.-Y. (2017). Medical geology in the framework of the sustainable development goals. *Science of The Total Environment, 581-582*, 87-104. doi:10.1016/j.scitotenv.2016.11.208
Gridded Population of the World (GPW) v3 (population density)

Burke, M., Hsiang, S. M., & Miguel, E. (2015). Global non-linear effect of temperature on economic production. *Nature, 527*, 235-239. doi:10.1038/nature15725
Gridded Population of the World (GPW) v3 (population density)

Burt, J. A., Bartholomew, A., & Feary, D. A. (2012). Man-Made Structures as Artificial Reefs in the Gulf. In B. M. Riegl & S. J. Purkis (Eds.), *Coral Reefs of the Gulf* (Vol. 3, pp. 171-186): Springer Netherlands.
Gridded Population of the World (GPW) v3 (collection)

Burt, J. A., Killilea, M. E., & Ciprut, S. (2019). Coastal urbanization and environmental change: Opportunities for collaborative education across a global network university. *Regional Studies in Marine Science, 26*, 100501. doi:10.1016/j.rsma.2019.100501
Gridded Population of the World (GPW) v3 (coastlines)

Butchart, S. H. M., Scharlemann, J. P. W., Evans, M. I., Quader, S., Aricò, S., Arinaitwe, J., . . . Woodley, S. (2012). Protecting important sites for biodiversity contributes to meeting global conservation targets. *PLoS ONE, 7*(3), e32529. doi:10.1371/journal.pone.0032529
Gridded Population of the World (GPW) v3 (population density)

Butland, B. K., Anderson, H. R., van Donkelaar, A., Fuertes, E., Brauer, M., Brunekreef, B., . . . Group, t. I.

P. T. S. (2018). Ambient air pollution and the prevalence of rhinoconjunctivitis in adolescents: a worldwide ecological analysis. *Air Quality, Atmosphere & Health, 11*(7), 755-764. doi:10.1007/s11869-018-0582-4
Gridded Population of the World (GPW) v3 (population density)

Butler, T. M., Lawrence, M. G., Gurjar, B. R., van Aardenne, J., Schultz, M., & Lelieveld, J. (2008). The representation of emissions from megacities in global emission inventories. *Atmospheric Environment, 42*(4), 703-719. doi:10.1016/j.atmosenv.2007.09.060
Gridded Population of the World (GPW) v3 (population count)

Butsic, V., Munteanu, C., Griffiths, P., Knorn, J., Radeloff, V. C., Lieskovský, J., . . . Kuemmerle, T. (2017). The effect of protected areas on forest disturbance in the Carpathian Mountains from 1985 to 2010. *Conservation Biology, 31*(3), 570-580. doi:10.1111/cobi.12835
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)

Butt, E. W., Rap, A., Schmidt, A., Scott, C. E., Pringle, K. J., Reddington, C. L., . . . Spracklen, D. V. (2016). The impact of residential combustion emissions on atmospheric aerosol, human health and climate. *Atmospheric Chemistry and Physics, 16*(2), 873-905. doi:10.5194/acp-16-873-2016
Gridded Population of the World (GPW) v3 (population count)

Butt, E. W., Turnock, S., Rigby, R., Reddington, C., Yoshioka, M., Johnson, J., . . . Spracklen, D. V. (2017). Global and regional trends in particulate air pollution and attributable health burden over the past 50 years. *Environmental Research Letters, 12*(10), 104017. doi:10.1088/1748-9326/aa87be
Gridded Population of the World (GPW) v3 (unspecified)

Butts, M. B., Buontempo, C., Lørup, J. K., Williams, K., Mathison, C., Jessen, O. Z., . . . Seid, A. H. (2016). A regional approach to climate adaptation in the Nile Basin. *Proceedings of the International Association of Hydrological Sciences, 374*, 3-7. doi:10.5194/piahs-374-3-2016
Gridded Population of the World (GPW) v3 (unspecified)

Buys, P., Dasgupta, S., Thomas, T., & Wheeler, D. (2008). *Determinants of a Digital Divide in Sub-Saharan Africa: A Spatial Econometric Analysis of Cell Phone Coverage*. Retrieved from Washington DC: http://hdl.handle.net/10986/6436
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)

Buytaert, W., & De Bièvre, B. (2012). Water for cities: The impact of climate change and demographic growth in the tropical Andes. *Water Resources Research, 48*(8), W08503. doi:10.1029/2011wr011755
Gridded Population of the World (GPW) v3 (population density)

Bwangoy, J.-R. B., Hansen, M. C., Potapov, P., Turubanova, S., & Lumbuenamo, R. S. (2013). Identifying nascent wetland forest conversion in the Democratic Republic of the Congo. *Wetlands Ecology and Management, 21*(1), 29-43. doi:10.1007/s11273-012-9277-z
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (PALSAR)
NASA REMOTE SENSING (SRTM)

REMOTE SENSING (Landsat)

Byass, P. (2009). Epidemiology without borders: an anational view of global health. *Global Health Action, 2*, 1-43. doi:10.3402/gha.v2i0.2052
Gridded Population of the World (GPW) v3 (population density)

Caballero, I., & Stumpf, R. P. (2020). Atmospheric correction for satellite-derived bathymetry in the Caribbean waters: from a single image to multi-temporal approaches using Sentinel-2A/B. *Optics Express, 28*(8), 11742-11766. doi:10.1364/OE.390316
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (Sentinel-2)

Cabral, P., Augusto, G., Akande, A., Costa, A., Amade, N., Niquisse, S., . . . Santha, R. (2017). Assessing Mozambique's exposure to coastal climate hazards and erosion. *International Journal of Disaster Risk Reduction, 23*, 45-52. doi:10.1016/j.ijdrr.2017.04.002
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (ASTER DEM)

Caiazzo, F., Ashok, A., Waitz, I. A., Yim, S. H. L., & Barrett, S. R. H. (2013). Air pollution and early deaths in the United States. Part I: Quantifying the impact of major sectors in 2005. *Atmospheric Environment, 79*, 198-208. doi:10.1016/j.atmosenv.2013.05.081
Gridded Population of the World (GPW) v3 (population density)

Calbick, K. S., & Gunton, T. (2014). Differences among OECD countries' GHG emissions: Causes and policy implications. *Energy Policy, 67*, 895-902. doi:10.1016/j.enpol.2013.12.030
Environmental Sustainability Index (ESI) (2005)
Gridded Population of the World (GPW) v3 (population density)

Calka, B., & Bielecka, E. (2020). GHS-POP accuracy assessment: Poland and Portugal case study. *Remote Sensing, 12*(7), 1105. doi:10.3390/rs12071105
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (Doxsey-Whitfield et al. paper - data set unspecified)
Global Rural-Urban Mapping Project (GRUMP) v1 (Balk et al 2006)

Calka, B., Nowak Da Costa, J., & Bielecka, E. (2017). Fine scale population density data and its application in risk assessment. *Geomatics, Natural Hazards and Risk, 7*(2), 1440-1455. doi:10.1080/19475705.2017.1345792
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Call, M., Mayer, T., Sellers, S., Ebanks, D., Bertalan, M., Nebie, E., & Gray, C. (2017). Socio-environmental drivers of forest change in rural Uganda. *Land Use Policy, 62*, 49-58. doi:10.1016/j.landusepol.2016.12.012
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Camberlin, P. (2010). More variable tropical climates have a slower demographic growth. *Climate Research, 41*(2), 157-167. doi:10.3354/cr00856
Gridded Population of the World (GPW) v3 (population density)

Camberlin, P., Martiny, N., Philippon, N., & Richard, Y. (2007). Determinants of the interannual relationships between remote sensed photosynthetic activity and rainfall in tropical Africa. *Remote Sensing of Environment, 106*(2), 199-216. doi:10.1016/j.rse.2006.08.009
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR NDVI)

Caminade, C., Kovats, S., Rocklov, J., Tompkins, A. M., Morse, A. P., Colón-González, F. J., . . . Lloyd, S. J. (2014). Impact of climate change on global malaria distribution. *Proceedings of the National Academy of Sciences, 111*(9), 3286-3291. doi:10.1073/pnas.1302089111
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (TRMM)

Campante, F. R., Do, Q.-A., & Guimaraes, B. (2015). *Capital Cities, Conflict, and Misgovernance*. Retrieved from http://spire.sciencespo.fr/hdl:/2441/4hgajj9cf48dladkd9pn9jcj4p/resources/wp39.pdf
Gridded Population of the World (GPW) v3 (population count)

Campbell-Lendrum, D., & Woodruff, R. (2007). *Climate change: quantifying the health impact at national and local levels*. Retrieved from Geneva: http://whqlibdoc.who.int/publications/2007/9789241595674_eng.pdf
Gridded Population of the World (GPW) v3 (collection)
Intergovernmental Panel on Climate Change (IPCC) (collection)

Canavire-Bacarreza, G., Martinez-Vazquez, J., & Yedgenov, B. (2019). *Identifying and Disentangling the Impact of Fiscal Decentralization on Economic Growth*. Retrieved from Atlanta: https://ideas.repec.org/p/ays/ispwps/paper1903.html
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)

Cano, J., Rebollo, M., Golding, N., Pullan, R. L., Crellen, T., Soler, A., . . . Brooker, S. J. (2014). The global distribution and transmission limits of lymphatic filariasis: past and present. *Parasites & Vectors, 7*(466). doi:10.1186/s13071-014-0466-x
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (AVHRR)

Canuel, E. A., Cammer, S. S., McIntosh, H. A., & Pondell, C. R. (2012). Climate change impacts on the organic carbon cycle at the land-ocean interface. *Annual Review of Earth and Planetary Sciences, 40*(1), 685-711. doi:10.1146/annurev-earth-042711-105511
Gridded Population of the World (GPW) v3 (population count)

Cappelle, J., Girard, O., Fofana, B., Gaidet, N., & Gilbert, M. (2010). Ecological modeling of the spatial distribution of wild waterbirds to identify the main areas where avian influenza viruses are circulating in the Inner Niger Delta, Mali. *EcoHealth, 7*(3), 283-293. doi:10.1007/s10393-010-0347-5
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (SPOT)

Cappelletti, N., Astoviza, M., Migoya, M. C., & Colombo, J. C. (2016). Airborne PCDD/F profiles in rural and urban areas of Buenos Aires Province, Argentina. *Science of The Total Environment, 573*, 1406-1412. doi:10.1016/j.scitotenv.2016.07.126
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Cardillo, M., Mace, G. M., Gittleman, J. L., & Purvis, A. (2006). Latent extinction risk and the future battlegrounds of mammal conservation. *Proceedings of the National Academy of Sciences, 103*(11), 4157-4161. doi:10.1073/pnas.0510541103
Gridded Population of the World (GPW) v3 (population count)

Carmichael, G. R., Adhikary, B., Kulkarni, S., D'Allura, A., Tang, Y., Streets, D., . . . Marrapu, P. (2009). Asian aerosols: Current and year 2030 distributions and implications to human health and regional climate change. *Environmental Science & Technology, 43*(15), 5811-5817. doi:10.1021/es8036803
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)

Carmichael, G. R., Kulkarni, S., Chen, Y., Ramanathan, V., & Spak, S. (2013). Short-lived climate forcing agents and their roles in climate change. *Procedia - Social and Behavioral Sciences, 77*, 227-236. doi:10.1016/j.sbspro.2013.03.082
Gridded Population of the World (GPW) v3 (population count)

Carr, J. A., Outhwaite, W. E., Goodman, G. L., Oldfield, T. E. E., & Foden, W. B. (2013). *Vital but vulnerable: Climate change vulnerability and human use of wildlife in Africa's Albertine Rift. Occasional Paper of the IUCN Species Survival Commission No. 48*. Retrieved from Switzerland: http://data.iucn.org/dbtw-wpd/edocs/SSC-OP-048.pdf
Gridded Population of the World (GPW) v3 (population density)

Carrasco, L. R., Nghiem, T. P. L., Chen, Z., & Barbier, E. B. (2017). Unsustainable development pathways caused by tropical deforestation. *Science Advances, 3*(7), 9pp. doi:10.1126/sciadv.1602602
Gridded Population of the World (GPW) v3 (population density)
Spatial Economic Data (Global Gridded Geographically Based Economic Data (G-Econ), v4)
REMOTE SENSING (Landsat)

Carrasco, L. R., Webb, E. L., Symes, W. S., Koh, L. P., & Sodhi, N. S. (2017). Global economic trade-offs between wild nature and tropical agriculture. *PLoS Biology, 15*(7), e2001657. doi:10.1371/journal.pbio.2001657
Spatial Economic Data (Global Gridded Geographically Based Economic Data (G-Econ), v4)
Gridded Population of the World (GPW) v3 (population density)

Carrel, M., & Emch, M. (2013). Genetics: A new landscape for medical geography. *Annals of the American Association of Geographers, 103*(6), 1452-1467. doi:10.1080/00045608.2013.784102
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Natural Disaster Hotspots (collection)

Carrel, M. A., Emch, M., Nguyen, T., Todd Jobe, R., & Wan, X.-F. (2012). Population-environment drivers

of H5N1 avian influenza molecular change in Vietnam. *Health & Place, 18*(5), 1122-1131. doi:10.1016/j.healthplace.2012.04.009
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

Carter, T. A., & Veale, D. J. (2015). The timing of conflict violence: Hydraulic behavior in the Ugandan civil war. *Conflict Management and Peace Science, 32*(4), 370-394. doi:10.1177/0738894214559674
Gridded Population of the World (GPW) v3 (unspecified)

Cassiani, M., Stohl, A., & Eckhardt, S. (2013). The dispersion characteristics of air pollution from the world's megacities. *Atmospheric Chemistry and Physics, 13*(19), 9975-9996. doi:10.5194/acp-13-9975-2013
Gridded Population of the World (GPW) v3 (population count)

Castellazzi, P., Longuevergne, L., Martel, R., Rivera, A., Brouard, C., & Chaussard, E. (2018). Quantitative mapping of groundwater depletion at the water management scale using a combined GRACE/InSAR approach. *Remote Sensing of Environment, 205*, 408-418. doi:10.1016/j.rse.2017.11.025
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
NASA REMOTE SENSING (ALOS InSAR)
NASA REMOTE SENSING (GRACE)

Castellazzi, P., Martel, R., Rivera, A., Huang, J., Goran, P., Calderhead, A. I., . . . Salas, J. (2016). Groundwater depletion in Central Mexico: Use of GRACE and InSAR to support water resources management. *Water Resources Research, 52*(8), 5985-6003. doi:10.1002/2015WR018211
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
NASA REMOTE SENSING (ALOS InSAR)
NASA REMOTE SENSING (GRACE)

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Castillo, E. R. D., Taffarel, A., Maronna, M. M., Cigliano, M. M., Palacios-Gimenez, O. M., Cabral-de-Mello, D. C., & Martí, D. A. (2017). Phylogeny and chromosomal diversification in the *Dichroplus elongatus* species group (Orthoptera, Melanoplinae). *PLoS ONE, 12*(2), e0172352. doi:10.1371/journal.pone.0172352
Gridded Population of the World (GPW) v3 (admin boundaries)

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Gridded Population of the World (GPW) v3 (population count)

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REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Cederman, L.-E., Buhaug, H., & Rod, J. K. (2009). Ethno-nationalist dyads and civil war: A GIS-based analysis. *Journal of Conflict Resolution, 53*(4), 496-525. doi:10.1177/0022002709336455
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Cederman, L.-E., Girardin, L., & Gleditsch, K. S. (2009). Ethnonationalist triads: Assessing the influence of kin groups on civil wars. *World Politics, 61*(3), 403-437. doi:10.1017/S0043887109000148
Gridded Population of the World (GPW) v3 (population density)

Cervellati, M., Esposito, E., & Sunde, U. (2017). Long-term exposure to malaria and development: Disaggregate evidence for contemporaneous Africa. *Journal of Demographic Economics, 83*(1), 129-148. doi:10.1017/dem.2016.27
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Chamberlain, E. L., Goodbred, S. L., Hale, R., Steckler, M. S., Wallinga, J., & Wilson, C. (2020). Integrating geochronologic and instrumental approaches across the Bengal Basin. *Earth Surface Processes and Landforms, 45*(1), 56-74. doi:10.1002/esp.4687
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

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Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

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Gridded Population of the World (GPW) v3 (population density future estimates)
Last of the Wild v2 (Global Human Footprint (Geographic))
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population density)

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NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (GRACE)

Changruenngam, S., Bicout, D. J., & Modchang, C. (2020). How the individual human mobility spatio-temporally shapes the disease transmission dynamics. *Scientific Reports, 10*(1), 11325. doi:10.1038/s41598-020-68230-9
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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Gridded Population of the World (GPW) v3 (unspecified)
REMOTE SENSING (DMSP-OLS)

Chaussard, E., Wdowinski, S., Cabral-Cano, E., & Amelung, F. (2014). Land subsidence in central Mexico

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (ALOS InSAR)

Chen, D. M.-C., Bodirsky, B. L., Krueger, T., Mishra, A., & Popp, A. (2020). The world's growing municipal solid waste: Trends and impacts. *Environmental Research Letters, 15*(7), 074021. doi:10.1088/1748-9326/ab8659
Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population count future estimates)

Chen, L., Meng, J., Liang, S., Zhang, H., Zhang, W., Liu, M., . . . Shu, J. (2018). Trade-induced atmospheric mercury deposition over China and implications for demand-side controls. *Environmental Science & Technology, 52*(4), 2036-2045. doi:10.1021/acs.est.7b04607
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Chen, L., Shi, M., Li, S., Gao, S., Zhang, H., Sun, Y., . . . Zhou, J. (2017). Quantifying public health benefits of environmental strategy of PM$_{2.5}$ air quality management in Beijing–Tianjin–Hebei region, China. *Journal of Environmental Sciences, 57*, 33-40. doi:10.1016/j.jes.2016.11.014
Gridded Population of the World (GPW) v3 (population density future estimates)

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NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS - MCD12C1)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (population density future estimates)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (population density) map

Chestin, I. E., Paltsyn, M. Y., Pereladova, O. B., Iegorova, L. V., & Gibbs, J. P. (2017). Tiger re-establishment potential to former Caspian tiger (*Panthera tigris virgata*) range in Central Asia. *Biological Conservation, 205*, 42-51. doi:10.1016/j.biocon.2016.11.014
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Gridded Population of the World (GPW) v3 (collection)

Childs, S. J., Schumacher, R. S., & Strader, S. M. (2020). Projecting end-of-century human exposure from tornadoes and severe hailstorms in eastern Colorado: Meteorological and population perspectives. *Weather, Climate, and Society, 12*(3), 575-595. doi:10.1175/wcas-d-19-0153.1
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)

Chitale, V. S., Behera, M. D., & Roy, P. S. (2014). Future of endemic flora of biodiversity hotspots in India. *PLoS ONE, 9*(12), e115264. doi:10.1371/journal.pone.0115264

Gridded Population of the World (GPW) v3 (collection)

Cho, J. Y. N. (2015). *Revised Multifunction Phased Array Radar (MPAR) Network Siting Analysis* (Project Report ATC). Retrieved from Lexington, MA: http://www.ll.mit.edu/mission/aviation/publications/publication-files/atc-reports/Cho_2015_ATC-425.pdf
Gridded Population of the World (GPW) v3 (population density)

Chomitz, K. M., Buys, P., & Thomas, T. S. (2005). *Quantifying the Rural-Urban Gradient in Latin America and the Caribbean*. Retrieved from Washington DC: http://hdl.handle.net/10986/8317
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (population count)

Christoudias, T., & Lelieveld, J. (2013). Modelling the global atmospheric transport and deposition of radionuclides from the Fukushima Dai-ichi nuclear accident. *Atmospheric Chemistry and Physics, 13*, 1425-1438. doi:10.5194/acp-13-1425-2013
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count future estimates)

Chucholl, C. (2014). Predicting the risk of introduction and establishment of an exotic aquarium animal in Europe: insights from one decade of Marmorkrebs (Crustacea, Astacida, Cambaridae) releases. *Management of Biological Invasions, 5*(4), 309-318. doi:10.3391/mbi.2014.5.4.01
Gridded Population of the World (GPW) v3 (population density)
Socioeconomic Downscaled Projections (Country-Level GDP and Downscaled Projections Based on the SRES A1, A2, B1, and B2 Marker Scenarios, v1)

Chuvieco, E., Giglio, L., & Justice, C. (2008). Global characterization of fire activity: Toward defining fire regimes from Earth observation data. *Global Change Biology, 14*(7), 1488-1502. doi:10.1111/j.1365-2486.2008.01585.x
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)
NASA REMOTE SENSING (MODIS)

Chuvieco, E., & Justice, C. (2010). Relations Between Human Factors and Global Fire Activity. In E. Chuvieco, J. Li, & X. Yang (Eds.), *Advances in Earth Observation of Global Change* (pp. 187-199): Springer Netherlands.
Gridded Population of the World (GPW) v3 (population density)

Chuvieco, E., Martínez, S., Román, M. V., Hantson, S., & Pettinari, M. L. (2014). Integration of ecological

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

Cinner, Joshua E., Huchery, C., MacNeil, M. A., Graham, N. A. J., McClanahan, T. R., Maina, J., . . . Mouillot, D. (2016). Bright spots among the world's coral reefs. *Nature, 535*, 416-419. doi:10.1038/nature18607
Gridded Population of the World (GPW) v3 (population count)

Cinner, Joshua E., McClanahan, T. R., Daw, T. M., Graham, N. A. J., Maina, J., Wilson, S. K., & Hughes, T. P. (2009). Linking social and ecological systems to sustain coral reef fisheries. *Current Biology, 19*(3), 206-212. doi:10.1016/j.cub.2008.11.055
Gridded Population of the World (GPW) v3 (population density)

Civelli, A., Horowitz, A., & Teixeira, A. (2017). *Foreign Aid and Growth at the Subnational Level*. Retrieved from Williamsburg VA: http://aiddata.org/sites/default/files/wps36_foreign_aid_and_growth_at_the_sub-national_lev el.pdf
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (DMSP-OLS)

Civelli, A., Horowitz, A., & Teixeira, A. (2018). Foreign aid and growth: A Sp P-VAR analysis using satellite sub-national data for Uganda. *Journal of Development Economics, 134*, 50-67.

doi:10.1016/j.jdeveco.2018.05.001

Gridded Population of the World (GPW) v3 (population count)

Gridded Population of the World (GPW) v3 (population count future estimates)

REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)

Clauson-Kaas, S., Richardson, K., Rahbek, C., & Holt, B. G. (2017). Species-specific environmental preferences associated with a hump-shaped diversity/temperature relationship across tropical marine fish assemblages. *Journal of Biogeography, 44*(10), 2343-2353. doi:10.1111/jbi.13044

Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

NASA REMOTE SENSING (MOPITT)

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Gridded Population of the World (GPW) v3 (population density future estimates)

Collier, P., Kirchberger, M., & Söderbom, M. (2016). The cost of road infrastructure in low and middle income countries. *The World Bank Economic Review, 30*(3), 522-548. doi:10.1093/wber/lhv037

Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (population count)

REMOTE SENSING (ALOS/AVNIR-2)

Colón-González, F. J., Harris, I., Osborn, T. J., Steiner São Bernardo, C., Peres, C. A., Hunter, P. R., . . . Lake, I. R. (2018). Limiting global-mean temperature increase to 1.5–2 °C could reduce the incidence and spatial spread of dengue fever in Latin America. *Proceedings of the National Academy of Sciences, 115*(24), 6243-6248. doi:10.1073/pnas.1718945115

Gridded Population of the World (GPW) v3 (population count)

Colón-González, F. J., Peres, C. A., Steiner São Bernardo, C., Hunter, P. R., & Lake, I. R. (2017). After the epidemic: Zika virus projections for Latin America and the Caribbean. *PLoS Neglected Tropical Diseases, 11*(11), e0006007. doi:10.1371/journal.pntd.0006007

Gridded Population of the World (GPW) v3 (population count)

Colón-González, F. J., Tompkins, A. M., Biondi, R., Bizimana, J. P., & Namanya, D. B. (2016). Assessing the

effects of air temperature and rainfall on malaria incidence: an epidemiological study across Rwanda and Uganda. *Geospatial Health, 11*(1s), 18-37. doi:10.4081/gh.2016.379
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (AMSR-E)

Colston, J. M., & Burgert, C. R. (2014). *Using Geospatial Analysis to Inform Decision Making in Targeting Health Facility-Based Programs: A Guidance Document*. Retrieved from Chapel Hill: http://pdf.usaid.gov/pdf_docs/PA00K2S4.pdf
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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)

Committee on the Earth System Science for Decisions About Human Welfare: Contributions of Remote Sensing, G. S. C., National Research Council. (2007). *Contributions of Land Remote Sensing for Decisions About Food Security and Human Health: Workshop Report*. Washington DC: National Academies Press.
Gridded Population of the World (GPW) v3 (collection)
Natural Disaster Hotspots (collection)
Poverty Mapping (collection)

Condra, L. N., Felter, J. H., Iyengar, R. K., & Shapiro, J. N. (2010). *The effect of civilian casualties in Afghanistan and Iraq*. Retrieved from Cambridge, MA: https://doi.org/10.3386/w16152
Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population count)

Convertino, M., Liu, Y., & Hwang, H. (2014). Optimal surveillance network design: a value of information model. *Complex Adaptive Systems Modeling, 2*(1), 1-22. doi:10.1186/s40294-014-0006-8
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) alpha (population count)

Cooper, O. R., Gao, R.-S., Tarasick, D., Leblanc, T., & Sweeney, C. (2012). Long-term ozone trends at rural ozone monitoring sites across the United States, 1990–2010. *Journal of Geophysical Research: Atmospheres, 117*(D22), D22307. doi:10.1029/2012jd018261
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (GOME)

REMOTE SENSING (SCIAMACHY)

Corbett, J. (2016). Transport: Shipping emissions in East Asia. *Nature Climate Change, 6*, 983-984. doi:10.1038/nclimate3091
Gridded Population of the World (GPW) v3 (population density) map

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Gridded Population of the World (GPW) v3 (population count)

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NASA REMOTE SENSING (SRTM)

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NASA REMOTE SENSING (ASTER GDEM)

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Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Natural Disaster Hotspots (collection)

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Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

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Last of the Wild v2 (Global Human Footprint (Geographic)) - 10.7927/H4M61H5F

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NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

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Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (population density)

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Global Agricultural Lands (cropland)
Global Agricultural Inputs (nitrogen fertilizer application)
Gridded Population of the World (GPW) v3 (population density)

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REMOTE SENSING (Landsat)

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Gridded Population of the World (GPW) v3 (collection)
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REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Satellite-Derived Environmental Indicators (Global Annual Average PM2.5 Grids from MODIS and MISR Aerosol Optical Depth (AOD), v1)

de Sherbinin, A. M. (2017). Remote sensing and socioeconomic data integration: Lessons from the NASA Socioeconomic Data and Applications Center. In D. A. Quattrochi, E. Wentz, N. S.-N. Lam, & C. W. Emerson (Eds.), *Integrating Scale in Remote Sensing and GIS* (pp. 371-388): CRC Press.
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Poverty Mapping (collection)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v4 beta (population count UN WPP-adjusted)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS EVI)
NASA REMOTE SENSING (MODIS NDVI)
NASA REMOTE SENSING (OMI)
NASA REMOTE SENSING (TRMM)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (national identifier grid)

Denier van der Gon, H., Visschedijk, A., van den Brugh, H., & Dröge, R. (2010). *A High Resolution European Emission Data Base for the Year 2005*. Retrieved from Dessau-Roßlau, Germany: http://www.umweltbundesamt.de/sites/default/files/medien/461/publikationen/texte_41_201 3_appelhans_e03_komplett_0.pdf
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MISR)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MISR)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MISR)

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

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Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Global Human Footprint (Geographic))

Di Marco, M., & Santini, L. (2015). Human pressures predict species' geographic range size better than biological traits. *Global Change Biology, 21*(6), 2169-2178. doi:10.1111/gcb.12834
Gridded Population of the World (GPW) v3 (population count future estimates)
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 Global Human Influence Index (Geographic)

Di Marco, M., Venter, O., Possingham, H. P., & Watson, J. E. M. (2018). Changes in human footprint drive changes in species extinction risk. *Nature Communications, 9*(1), 4621. doi:10.1038/s41467-018-07049-5
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)

Di Ruscio, F., Guzzetta, G., Bjørnholt, J. V., Leegaard, T. M., Moen, A. E. F., Merler, S., & Freiesleben de Blasio, B. (2019). Quantifying the transmission dynamics of MRSA in the community and healthcare settings in a low-prevalence country. *Proceedings of the National Academy of Sciences, 116*(29), 14599-14605. doi:10.1073/pnas.1900959116
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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Gridded Population of the World (GPW) v3 (population density)

Diffenbaugh, N. S., Giorgi, F., Raymond, L., & Bi, X. (2007). Indicators of 21st century socioclimatic exposure. *Proceedings of the National Academy of Sciences, 104*(51), 20195-20198. doi:10.1073/pnas.0706680105
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v1
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)

Dimico, A. (2014). *Poverty Trap and Educational Shock: Evidence From Missionary Fields*. Retrieved from Belfast: http://www.quceh.org.uk/uploads/1/0/5/5/10558478/wp14-07.pdf
Gridded Population of the World (GPW) v3 (population density)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Dimico, A. (2017). Size matters: The effect of the size of ethnic groups on development. *Oxford Bulletin of Economics and Statistics, 79*(3), 291-318. doi:10.1111/obes.12145
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (DMSP-OLS)

Ding, S., He, J., Liu, D., Zhang, R., & Yu, S. (2020). The spatially heterogeneous response of aerosol properties to anthropogenic activities and meteorology changes in China during 1980–2018 based on the singular value decomposition method. *Science of The Total Environment, 724*, 138135. doi:10.1016/j.scitotenv.2020.138135
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Gridded Population of the World (GPW) v4.10 (population count) - 10.7927/H4PG1PPM
NASA REMOTE SENSING (MERRA-2)

Disney, M., Gomez-Dans, J., Muller, P., Kharbouche, S., Urban, M., Nayak, S., . . . Bennett, V. (2015). *D2.1 Summary of available archived optical (UCL) microwave (FSU) low-level and derived products*. Retrieved from http://baci-h2020.eu/uploads/Outreach/D2.1%20Summary%20of%20available%20archived%20optical%20UCL%20microwave%20FSU%20low-level%20and%20derived%20products.pdf
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)

Dodge, S., Bohrer, G., Weinzierl, R., Davidson, S. C., Kays, R., Douglas, D., . . . Wikelski, M. (2013). The environmental-data automated track annotation (Env-DATA) system: linking animal tracks with environmental data. *Movement Ecology, 1*(1), 1-14. doi:10.1186/2051-3933-1-3
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (TRMM)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (ASTER GDEM)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (AVHRR NDVI)

Doll, C. N. H., & Pachauri, S. (2010). Estimating rural populations without access to electricity in developing countries through night-time light satellite imagery. *Energy Policy, 38*(10), 5661-5670. doi:10.1016/j.enpol.2010.05.014
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

REMOTE SENSING (DMSP-OLS)

Döll, P. (2017). Cartograms facilitate communication of climate change risks and responsibilities. *Earth's Future, 5*(12), 1182-1195. doi:10.1002/2017EF000677
Gridded Population of the World (GPW) v3 (population count future estimates)

Döll, P., & Fiedler, K. (2008). Global-scale modeling of groundwater recharge. *Hydrology and Earth System Sciences, 12*(3), 863-885. doi:10.5194/hess-12-863-2008
Gridded Population of the World (GPW) v3 (population count)

Döll, P., Trautmann, T., Gerten, D., Schmied, H. M., Ostberg, S., Saeed, F., & Schleussner, C.-F. (2018). Risks for the global freshwater system at 1.5 °C and 2 °C global warming. *Environmental Research Letters, 13*(4), 044038. doi:10.1088/1748-9326/aab792
Gridded Population of the World (GPW) v3 (unspecified)

Donaldson, D., & Storeygard, A. (2016). The view from above: Applications of satellite data in economics. *Journal of Economic Perspectives, 30*(4), 171-198. doi:10.1257/jep.30.4.171
Gridded Population of the World (GPW) v3 (collection)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (Landsat)
REMOTE SENSING (VIIRS)

Donat, M. G., Leckebusch, G. C., Wild, S., & Ulbrich, U. (2010). Benefits and limitations of regional multi-model ensembles for storm loss estimations. *Climate Research, 44*(2-3), 211-225. doi:10.3354/cr00891
Gridded Population of the World (GPW) v3 (population density)

Donat, M. G., Leckebusch, G. C., Wild, S., & Ulbrich, U. (2011). Future changes in European winter storm losses and extreme wind speeds inferred from GCM and RCM multi-model simulations. *Natural Hazards and Earth System Sciences, 11*(5), 1351-1370. doi:10.5194/nhess-11-1351-2011
Gridded Population of the World (GPW) v3 (population density)

Donati, G., Campera, M., Balestri, M., Serra, V., Barresi, M., Schwitzer, C., . . . Santini, L. (2016). Ecological and anthropogenic correlates of activity patterns in *Eulemur*. *International Journal of Primatology, 37*(1), 29-46. doi:10.1007/s10764-015-9876-7
Gridded Population of the World (GPW) v3 (population count) - 10.7927.H4639MPP

Dong, N., Yang, X., Cai, H., & Xu, F. (2017). Research on grid size suitability of gridded population distribution in urban area: A case study in urban area of Xuanzhou District, China. *PLoS ONE, 12*(1), e0170830. doi:10.1371/journal.pone.0170830
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Donnay, K., & Bhavnani, R. (2016). The cutting edge of research on peace and conflict. In D. A. Backer, R. Bhavnani, & P. K. Huth (Eds.), *Peace and Conflict 2016* (pp. 4-18). New York: Routledge.
Gridded Population of the World (GPW) v3 (unspecified)

Donnay, K., Linke, A. M., & Bhavnani, R. (2017). Generalized findings from micro-level research on peace and conflict: Challenges and solutions. In D. A. Backer, R. Bhavnani, & P. K. Huth (Eds.), *Peace and Conflict 2017*. New York: Routledge.
Gridded Population of the World (GPW) v3 (population density)

Doremus, J. (2020). How does eco-label competition affect environmental benefits? The case of Central Africa's forests. *Journal of Environmental Economics and Management, 103*, 102344. doi:10.1016/j.jeem.2020.102344
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)
NASA REMOTE SENSING (SRTM)

Dorosh, P., Wang, H. G., You, L., & Schmidt, E. (2011). Road connectivity and its impact on crop production. *PositionIT*(32), 40-44. Retrieved from http://www.ee.co.za/article/cgiar-200-08-spatial-analysis-of-road-connectivity-population-and-crop-production-in-aub-saharan-africa.html
Gridded Population of the World (GPW) v3 (unspecified)

dos Anjos Luis, A., & Cabral, P. (2016). Geographic accessibility to primary healthcare centers in Mozambique. *International Journal for Equity in Health, 15*(1), 13 pp. doi:10.1186/s12939-016-0455-0
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (ASTER GDEM)

Doxsey-Whitfield, E., MacManus, K., Adamo, S. B., Pistolesi, L., Squires, J., Borkovska, O., & Baptista, S. R. (2015). Taking advantage of the improved availability of census data: A first look at the Gridded Population of the World, Version 4. *Papers in Applied Geography, 1*(3), 226-234. doi:10.1080/23754931.2015.1014272
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)

Dreher, A., & Lohmann, S. (2015). Aid and growth at the regional level. *Oxford Review of Economic Policy, 31*(3-4), 420-446. doi:10.1093/oxrep/grv026
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Droogers, P., de Boer, F., & Terink, W. (2014). *Water Allocation Models for the Umbeluzi River Basin, Mozambique*. Retrieved from Wageningen: http://www.futurewater.nl/wp-content/uploads/2015/01/WAM_ARASul_final.pdf
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (MERIS GlobCover)

Dube, Y. P., Ruktanonchai, C. W., Sacoor, C., Tatem, A. J., Munguambe, K., Boene, H., . . . Makanga, P. T. (2019). How accurate are modelled birth and pregnancy estimates? Comparison of four models using high resolution maternal health census data in southern Mozambique. *BMJ Global Health, 4*(Suppl 5), e000894. doi:10.1136/bmjgh-2018-000894
Gridded Population of the World (GPW) v3 (collection)

Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR)
REMOTE SENSING (AVHRR GIMMS NDVI)

Dubinin, M., Potapov, P., Lushchekina, A., & Radeloff, V. C. (2010). Reconstructing long time series of burned areas in arid grasslands of southern Russia by satellite remote sensing. *Remote Sensing of Environment, 114*(8), 1638-1648. doi:10.1016/j.rse.2010.02.010
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (AVHRR)
REMOTE SENSING (Landsat)

Dubois, G., Basti, L., Bertzky, B., Mandrici, A., Conti, M., Saura, S., . . . Graziano, M. (2016). Integrating multiple spatial datasets to assess protected areas: Lessons learnt from the Digital Observatory for Protected Area (DOPA). *ISPRS International Journal of Geo-Information, 5*(12), 19 pp. doi:10.3390/ijgi5120242
Gridded Population of the World (GPW) v3 (collection)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)

Dubois, G., Bastin, L., Martínez-López, J., Cottam, A., Temperley, W., Bertzky, B., & Graziano, M. (2015). *The Digital Observatory for Protected Areas (DOPA) Explorer 1.0*. Retrieved from Luxembourg: https://doi.org/10.2788/436594
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT

Dubois, G., Schulz, M., Skøien, J., Cottam, A., Temperley, W., Clerici, M., . . . Mayaux, P. (2013). *An introduction to the Digital Observatory for Protected Areas (DOPA) and the DOPA Explorer (Beta)*. Retrieved from Luxembourg: http://dopa.jrc.ec.europa.eu/sites/default/files/test/DOPA%20Explorer%20Beta%20User%20manual%20Final%20Online%20Version.pdf
Gridded Population of the World (GPW) v3 (collection)
SEDAC Web Mapping Services (SEDAC-WMS)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (FIRMS)
NASA Web Mapping Services (NASA-WMS)

Ducheyne, E., Tran Minh, N. N., Haddad, N., Bryssinckx, W., Buliva, E., Simard, F., . . . Roiz, D. (2018). Current and future distribution of *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae) in WHO Eastern Mediterranean Region. *International Journal of Health Geographics, 17*(1), 13pp. doi:10.1186/s12942-018-0125-0
Gridded Population of the World (GPW) v3 (population density future estimates)

REMOTE SENSING (DMSP-OLS)

Dufour, G., Eremenko, M., Orphal, J., & Flaud, J.-M. (2010). IASI observations of seasonal and day-to-day variations of tropospheric ozone over three highly populated areas of China: Beijing, Shanghai, and Hong Kong. *Atmospheric Chemistry and Physics, 10*(8), 3787-3801. doi:10.5194/acp-10-3787-2010

Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Infrared Atmospheric Sounding Interferometer)

Dumont, E., Johnson, A. C., Keller, V. D. J., & Williams, R. J. (2015). Nano silver and nano zinc-oxide in surface waters – Exposure estimation for Europe at high spatial and temporal resolution. *Environmental Pollution, 196*, 341-349. doi:10.1016/j.envpol.2014.10.022

Gridded Population of the World (GPW) v3 (population count)

Dunne, J. P., Stouffer, R. J., & John, J. G. (2013). Reductions in labour capacity from heat stress under climate warming. *Nature Climate Change, 3*(6), 563-566. doi:10.1038/nclimate1827

Gridded Population of the World (GPW) v3 (population count)

Duvail, S., Hamerlynck, O., Paron, P., Hervé, D., Nyingi, W. D., & Leone, M. (2017). The changing hydro-ecological dynamics of rivers and deltas of the Western Indian Ocean: Anthropogenic and environmental drivers, local adaptation and policy response. *Comptes Rendus Geoscience, 349*(6–7), 269-279. doi:10.1016/j.crte.2017.09.004

Gridded Population of the World (GPW) v3 (population count)

Dyer, E. E., Cassey, P., Redding, D. W., Collen, B., Franks, V., Gaston, K. J., . . . Blackburn, T. M. (2017). The global distribution and drivers of alien bird species richness. *PLoS Biology, 15*(1), e2000942. doi:10.1371/journal.pbio.2000942

Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Global Human Footprint (Geographic))

East, J., Monier, E., & Garcia-Menendez, F. (2022). Characterizing and quantifying uncertainty in projections of climate change impacts on air quality. *Environmental Research Letters, 17*(9), 094042. doi:10.1088/1748-9326/ac8d17

Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Edgar, G. J., Alexander, T. J., Lefcheck, J. S., Bates, A. E., Kininmonth, S. J., Thomson, R. J., . . . Stuart-Smith, R. D. (2017). Abundance and local-scale processes contribute to multi-phyla gradients in global marine diversity. *Science Advances, 3*(10), 12pp. doi:10.1126/sciadv.1700419

Gridded Population of the World (GPW) v3 (population density)

Edgar, G. J., Stuart-Smith, R. D., Thomson, R. J., & Freeman, D. J. (2017). Consistent multi-level trophic effects of marine reserve protection across northern New Zealand. *PLoS ONE, 12*(5), e0177216. doi:10.1371/journal.pone.0177216

Gridded Population of the World (GPW) v3 (population density)

Edgar, G. J., Stuart-Smith, R. D., Willis, T. J., Kininmonth, S., Baker, S. C., Banks, S., . . . Thomson, R. J. (2014). Global conservation outcomes depend on marine protected areas with five key features. *Nature, 506*, 216-220. doi:10.1038/nature13022

Gridded Population of the World (GPW) v3 (population density)

Eigenbrod, F., Beckmann, M., Dunnett, S., Graham, L., Holland, R. A., Meyfroidt, P., . . . Verburg, P. H. (2020). Identifying Agricultural Frontiers for Modeling Global Cropland Expansion. *One Earth, 3*(4), 504-514. doi:10.1016/j.oneear.2020.09.006
Gridded Population of the World (GPW) v3 (population density future estimates)

El Morjani, Z. E. A., Ebener, S., Boos, J., Abdel Ghaffar, E., & Musani, A. (2007). Modelling the spatial distribution of five natural hazards in the context of the WHO/EMRO Atlas of Disaster Risk as a step towards the reduction of the health impact related to disasters. *International Journal of Health Geographics, 6*(8). doi:10.1186/1476-072X-6-8
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (SRTM)

Elansky, N. (2014). Air quality and CO emissions in the Moscow megacity. *Urban Climate, 8*, 42-56. doi:10.1016/j.uclim.2014.01.007
Gridded Population of the World (GPW) v3 (population count)

Elhorst, P., Abreu, M., Amaral, P., Bhattacharjee, A., Corrado, L., Fingleton, B., . . . Yu, J. (2016). Raising the bar (1). *Spatial Economic Analysis, 11*(1), 1-6. doi:10.1080/17421772.2015.1126966
Gridded Population of the World (GPW) v3 (collection)

El-Juhany, L. (2015). The magnitude of dieback on *Juniperus procera* trees in the natural forests in the southwestern region of Saudi Arabia. *Biosciences Biotechnology Research Asia, 12*(1), 219-230. doi:10.13005/bbra/1655
Gridded Population of the World (GPW) v3 (population density future estimates)

Elliot, N. B., Cushman, S. A., Macdonald, D. W., & Loveridge, A. J. (2014). The devil is in the dispersers: predictions of landscape connectivity change with demography. *Journal of Applied Ecology, 51*(5), 1169-1178. doi:10.1111/1365-2664.12282
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MODIS)

Elsner, J. B., Fricker, T., Widen, H. M., Castillo, C. M., Humphreys, J., Jung, J., . . . Grady Dixon, P. (2016). The relationship between elevation roughness and tornado activity: A spatial statistical model fit to data from the central Great Plains. *Journal of Applied Meteorology and Climatology, 55*, 849-859. doi:10.1175/JAMC-D-15-0225.1
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (SRTM)

Elvidge, C. D., Keith, D. M., Tuttle, B. T., & Baugh, K. E. (2010). Spectral identification of lighting type and character. *Sensors, 10*(4), 3961-3988. doi:10.3390/s100403961
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (Landsat TM)

Endo, N., & Eltahir, E. A. B. (2016). Environmental determinants of malaria transmission in African

villages. *Malaria Journal, 15*(1), 11 pp. doi:10.1186/s12936-016-1633-7
Gridded Population of the World (GPW) v3 (population density)

ENETWILD Consortium, Croft, S., Smith, G., Acevedo, P., & Vicente, J. (2018). Wild boar in focus: Review of existing models on spatial distribution and density of wild boar and proposal for next steps. *EFSA Supporting Publications, 15*(10), 1490E. doi:10.2903/sp.efsa.2018.EN-1490
Gridded Population of the World (GPW) v3 (population density)

Engler, N. J., & Hall, G. B. (2007). The internet, spatial data globalization, and data use: The case of Tibet. *Information Society, 23*(5), 345-359. doi:10.1080/01972240701572822
China Dimensions (collection)
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Engstrom, R., Newhouse, D., & Soundararajan, V. (2020). Estimating small-area population density in Sri Lanka using surveys and Geo-spatial data. *PLoS ONE, 15*(8), e0237063. doi:10.1371/journal.pone.0237063
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)
NASA REMOTE SENSING (ASTER GDEM)
REMOTE SENSING (VIIRS)
REMOTE SENSING (DigitalGlobe)

Eqani, S. A. M. A. S., Kanwal, A., Bhowmik, A. K., Sohail, M., Ullah, R., Ali, S. M., . . . Shen, H. (2016). Spatial distribution of dust–bound trace elements in Pakistan and their implications for human exposure. *Environmental Pollution, 213*, 213-222. doi:10.1016/j.envpol.2016.02.017
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

Eqani, S. A. M. A. S., Khalid, R., Bostan, N., Saqib, Z., Mohmand, J., Rehan, M., . . . Shen, H. (2016). Human lead (Pb) exposure via dust from different land use settings of Pakistan: A case study from two urban mountainous cities. *Chemosphere, 155*, 259-265. doi:10.1016/j.chemosphere.2016.04.036
Gridded Population of the World (GPW) v3 (population density)

Erb, K.-H., Krausmann, F., Lucht, W., & Haberl, H. (2009). Embodied HANPP: Mapping the spatial disconnect between global biomass production and consumption. *Ecological Economics, 69*(2), 328-334. doi:10.1016/j.ecolecon.2009.06.025
Gridded Population of the World (GPW) v3 (population density)

Erguler, K., Chandra, N. L., Proestos, Y., Lelieveld, J., Christophides, G. K., & Parham, P. E. (2017). A large-scale stochastic spatiotemporal model for *Aedes albopictus*-borne chikungunya epidemiology. *PLoS ONE, 12*(3), e0174293. doi:10.1371/journal.pone.0174293
Gridded Population of the World (GPW) v3 (population count future estimates)

Erguler, K., Smith-Unna, S. E., Waldock, J., Proestos, Y., Christophides, G. K., Lelieveld, J., & Parham, P. E. (2016). Large-scale modelling of the environmentally-driven population dynamics of temperate *Aedes albopictus* (Skuse). *PLoS ONE, 11*(2), e0149282. doi:10.1371/journal.pone.0149282

Gridded Population of the World (GPW) v3 (population density future estimates)

Eriyagama, N., Smakhtin, V., & Gamage, N. (2009). *IWMI Research Report 13:   Mapping Drought Patterns and Impacts: A Global Perspective*. Retrieved from Colombo, Sri Lanka: http://www.iwmi.cgiar.org/Publications/IWMI_Research_Reports/PDF/PUB133/RR133.pdf
Gridded Population of the World (GPW) v3 (collection)

Ermert, V., Fink, A. H., & Paeth, H. (2013). The potential effects of climate change on malaria transmission in Africa using bias-corrected regionalised climate projections and a simple malaria seasonality model. *Climatic Change, 120*(4), 741-754. doi:10.1007/s10584-013-0851-z
Gridded Population of the World (GPW) v3 (population count)

Es'haghi, S. R., & Karamidehkordi, E. (2023). Understanding the structure of stakeholders – projects network in endangered lakes restoration programs using social network analysis. *Environmental Science & Policy, 140*, 172-188. doi:10.1016/j.envsci.2022.12.001
Gridded Population of the World (GPW) v3 (unspecified)

Estavariz, Concepcion F., Watkins, Margaret A., Handoko, D., Rusipah, R., Deshpande, J., Rana, Bardan J., . . . Imari, S. (2008). A large vaccine-derived poliovirus outbreak on Madura Island--Indonesia, 2005. *The Journal of Infectious Diseases, 197*(3), 347-354. doi:10.1086/525049
Gridded Population of the World (GPW) v3 (population density)

Esteban, M., Webersik, C., & Shibayama, T. (2009). Effect of a global warming-induced increase in typhoon intensity on urban productivity in Taiwan. *Sustainability Science, 4*(2), 151-163. doi:10.1007/s11625-009-0089-x
Gridded Population of the World (GPW) v3 (collection)

Estes, L. D., Searchinger, T., Spiegel, M., Tian, D., Sichinga, S., Mwale, M., . . . Caylor, K. K. (2016). Reconciling agriculture, carbon and biodiversity in a savannah transformation frontier. *Philosophical Transactions of the Royal Society B: Biological Sciences, 371*(1703), 10 pp. doi:10.1098/rstb.2015.0316
Gridded Population of the World (GPW) v3 (population density)

Evangeliou, N., Balkanski, Y., Cozic, A., Hao, W. M., & Møller, A. P. (2014). Wildfires in Chernobyl-contaminated forests and risks to the population and the environment: A new nuclear disaster about to happen? *Environment International, 73*, 346-358. doi:10.1016/j.envint.2014.08.012
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS Active Fires)

Evangeliou, N., Balkanski, Y., Cozic, A., & Møller, A. P. (2014). Global and local cancer risks after the Fukushima Nuclear Power Plant accident as seen from Chernobyl: A modeling study for radiocaesium (^{134}Cs & ^{137}Cs). *Environment International, 64*, 17-27. doi:10.1016/j.envint.2013.11.020
Gridded Population of the World (GPW) v3 (population count)

Evangeliou, N., Balkanski, Y., Cozic, A., & Møller, A. P. (2014). How "lucky" we are that the Fukushima disaster occurred in early spring: Predictions on the contamination levels from various fission

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Gridded Population of the World (GPW) v3 (population count)

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NASA REMOTE SENSING (TRMM)
Giovanni

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REMOTE SENSING (DMSP-OLS)

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NASA REMOTE SENSING (MODIS)
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Gridded Population of the World (GPW) v3 (collection) - cites Balk and Yetman (2004)
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Gridded Population of the World (GPW) v3 (population density future estimates)
Last of the Wild v2 (Human Footprint)
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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (Google Earth)

Gangopadhyay, P. K., Sharma, B. R., & Pavelic, P. (2018). Co-solving groundwater depletion and seasonal flooding through an innovative managed aquifer recharge approach: Converting pilot to a regional solution in the Ram Ganga sub-basin. In D. Saha, S. Marwaha, & A. Mukherjee (Eds.), *Clean and Sustainable Groundwater in India* (pp. 173-189). Singapore: Springer Singapore.
Gridded Population of the World (GPW) v3 (unspecified)
Natural Disaster Hotspots (flood mortality risks)

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Gridded Population of the World (GPW) v3 (population count future estimates)

García-López, J. M., & Allué, C. (2013). Modelling future no-analogue climate distributions: A world-wide phytoclimatic niche-based survey. *Global and Planetary Change, 101*, 1-11. doi:10.1016/j.gloplacha.2012.12.001
Gridded Population of the World (GPW) v3 (population density)

Garcia-Menendez, F., Monier, E., & Selin, N. E. (2017). The role of natural variability in projections of climate change impacts on U.S. ozone pollution. *Geophysical Research Letters, 44*(6), 2911-2921. doi:10.1002/2016GL071565
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Garland, C. F., Cuomo, R. E., Gorham, E. D., Zeng, K., & Mohr, S. B. (2016). Cloud cover-adjusted ultraviolet B irradiance and pancreatic cancer incidence in 172 countries. *The Journal of Steroid Biochemistry and Molecular Biology, 155*(Part B), 257-263. doi:10.1016/j.jsbmb.2015.04.004
Gridded Population of the World (GPW) v3 (centroids)
NASA REMOTE SENSING (ISCCP)

Garrick, D., De Stefano, L., Fung, F., Pittock, J., Schlager, E., New, M., & Connell, D. (2013). Managing hydroclimatic risks in federal rivers: a diagnostic assessment. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 371*(2002), 20120415.

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Gridded Population of the World (GPW) v3 (national boundaries)

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Gridded Population of the World (GPW) v3 (population count)

Gassert, F., Landis, M., Luck, M., Reig, P., & Shiao, T. (2014). *Aqueduct Global Maps 2.1:   Aqueduct Metadata Document*. Retrieved from Washington DC:
        http://www.wri.org/sites/default/files/Aqueduct_Global_Maps_2.1.pdf
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (DMSP-OLS)

Gassert, F., Luck, M., Landis, M., Reig, P., & Shiao, T. (2014). *Aqueduct Global Maps 2.1:   Constructing Decision Relevant Global Water Risk Indicators. Working Paper*. Retrieved from Washington DC:
        http://www.wri.org/publication/aqueduct-global-maps-21-indicators
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (DMSP-OLS)

Gassert, F., Luo, T., Shiao, T., & Luck, M. (2013). *Yellow River Basin Study*. Retrieved from Washington DC:
Gridded Population of the World (GPW) v3 (unspecified)
REMOTE SENSING (DMSP-OLS)

Gassert, F., Reig, P., Luo, T., & Maddocks, A. (2013). *Aqueduct Country and River Basin Rankings: A Weighted Aggregation of Spatially Distinct Hydrological Indicators.   Working Paper*. Retrieved from Washington DC: http://wri.org/publication/aqueduct-country-river-basin-rankings
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Gaudenzi, R., Angeletti, P., Petrolati, D., & Re, E. (2020). Future technologies for very high throughput satellite systems. *International Journal of Satellite Communications and Networking, 38*(2), 141-161. doi:10.1002/sat.1327
Gridded Population of the World (GPW) v3 (population count future estimates)

Gaughan, A. E., Oda, T., Sorichetta, A., Stevens, F. R., Bondarenko, M., Bun, R., . . . Nghiem, S., V. (2019). Evaluating nighttime lights and population distribution as proxies for mapping anthropogenic CO_2 emission in Vietnam, Cambodia and Laos. *Environmental Research Communications, 1*(9), 091006. doi:10.1088/2515-7620/ab3d91
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4.10 (documentation)
REMOTE SENSING (DMSP-OLS)

Gaughan, A. E., Stevens, F. R., Huang, Z., Nieves, J. J., Sorichetta, A., Lai, S., . . . Tatem, A. J. (2016). Spatiotemporal patterns of population in mainland China, 1990 to 2010. *Scientific Data, 3*(160005), 11 pp. doi:10.1038/sdata.2016.5
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (Landsat)
REMOTE SENSING (DMSP-OLS)

Gaughan, A. E., Stevens, F. R., Linard, C., Jia, P., & Tatem, A. J. (2013). High resolution population distribution maps for Southeast Asia in 2010 and 2015. *PLoS ONE, 8*(2), e55882. doi:10.1371/journal.pone.0055882
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Gaughan, A. E., Stevens, F. R., Linard, C., Patel, N. N., & Tatem, A. J. (2015). Exploring nationally and regionally defined models for large area population mapping. *International Journal of Digital Earth, 8*(12), 989-1006. doi:10.1080/17538947.2014.965761
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Gaupp, F., Hall, J., & Dadson, S. (2015). The role of storage capacity in coping with intra- and inter-annual water variability in large river basins. *Environmental Research Letters, 10*(12), 125001. doi:10.1088/1748-9326/10/12/125001
Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (GOME)
REMOTE SENSING (GOME-2)

REMOTE SENSING (SCIAMACHY)

Geiser, M., & Nagel, P. (2013). Coleopterology in Laos: an introduction to the nature of the country and its coleopterological exploration. *Entomologica Basiliensia et Collectionis Frey, 34*, 11-46.
Gridded Population of the World (GPW) v3 (unspecified)

Geldmann, J., Joppa, L. N., & Burgess, N. D. (2014). Mapping change in human pressure globally on land and within protected areas. *Conservation Biology, 28*(6), 1604-1616. doi:10.1111/cobi.12332
Anthropogenic Biomes of the World v1
Gridded Population of the World (GPW) v3 (collection)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Last of the Wild v1 (Global Human Footprint (Geographic))
REMOTE SENSING (DMSP-OLS)

Geldmann, J., Manica, A., Burgess, N. D., Coad, L., & Balmford, A. (2019). A global-level assessment of the effectiveness of protected areas at resisting anthropogenic pressures. *Proceedings of the National Academy of Sciences, 116*(46), 23209-23215. doi:10.1073/pnas.1908221116
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v1 (Global Human Footprint (Geographic))
REMOTE SENSING (DMSP-OLS)

Geng, G., Zhang, Q., Martin, R. V., Lin, J., Huo, H., Zheng, B., . . . He, K. (2017). Impact of spatial proxies on the representation of bottom-up emission inventories: A satellite-based analysis. *Atmospheric Chemistry and Physics, 17*(6), 4131-4145. doi:10.5194/acp-17-4131-2017
Gridded Population of the World (GPW) v3 (population count future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
NASA REMOTE SENSING (OMI NO2)
REMOTE SENSING (DMSP-OLS)

Gennip, S. J. v., Dewitte, B., Garçon, V., Thiel, M., Popova, E., Drillet, Y., . . . Gaymer, C. F. (2019). In search for the sources of plastic marine litter that contaminates the Easter Island Ecoregion. *Scientific Reports, 9*(1), 19662. doi:10.1038/s41598-019-56012-x
Gridded Population of the World (GPW) v3 (population density)

Georgoulias, A. K., & Kourtidis, K. A. (2012). A high resolution satellite view of the aerosol weekly cycle variability over Central Europe. *Atmospheric Research, 107*, 145-160. doi:10.1016/j.atmosres.2012.01.003
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Geue, J. C., Vágási, C. I., Schweizer, M., Pap, P. L., & Thomassen, H. A. (2016). Environmental selection is a main driver of divergence in house sparrows (*Passer domesticus*) in Romania and Bulgaria. *Ecology and Evolution, 6*(22), 7954-7964. doi:10.1002/ece3.2509
Gridded Population of the World (GPW) v3 (population count)

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Engineering, 84, 615-623. doi:10.1016/j.ecoleng.2015.09.067
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Ghude, S. D., Kulkarni, S. H., Kumar Jena, C., Pfister, G. G., Beig, G., Fadnavis, S. S., & van der A, R. J. (2013). Application of satellite observations for identifying regions of dominant NOX sources over the Indian Subcontinent. *Journal of Geophysical Research: Atmospheres, 118*(2), 1075-1089. doi:10.1029/2012JD017811
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (OMI)
REMOTE SENSING (SCIAMACHY)

Giam, X., Sodhi, N. S., Brook, B. W., Tan, H. T. W., & Bradshaw, C. J. A. (2011). Relative need for conservation assessments of vascular plant species among ecoregions. *Journal of Biogeography, 38*(1), 55-68. doi:10.1111/j.1365-2699.2010.02383.x
Gridded Population of the World (GPW) v3 (population density)

Giannadaki, D., Lelieveld, J., & Pozzer, A. (2016). Implementing the US air quality standard for $PM_{2.5}$ worldwide can prevent millions of premature deaths per year. *Environmental Health, 15*(1), 1-11. doi:10.1186/s12940-016-0170-8
Gridded Population of the World (GPW) v3 (population count)

Giannadaki, D., Lelieveld, J., & Pozzer, A. (2017). The impact of fine particulate outdoor air pollution to premature mortality. In T. Karacostas, A. Bais, & T. P. Nastos (Eds.), *Perspectives on Atmospheric Sciences* (pp. 1021-1026). Cham: Springer International Publishing.
Gridded Population of the World (GPW) v3 (unspecified)

Giannadaki, D., Pozzer, A., & Lelieveld, J. (2014). Modeled global effects of airborne desert dust on air quality and premature mortality. *Atmospheric Chemistry and Physics, 14*(2), 957-968. doi:10.5194/acp-14-957-2014
Gridded Population of the World (GPW) v3 (population density)

Giardina, F., Gosoniu, L., Konate, L., Diouf, M. B., Perry, R., Gaye, O., . . . Vounatsou, P. (2012). Estimating the burden of malaria in Senegal: Bayesian zero-inflated binomial geostatistical modeling of the MIS 2008 data. *PLoS ONE, 7*(3), e32625. doi:10.1371/journal.pone.0032625
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Gilarranz, L. J., Mora, C., & Bascompte, J. (2016). Anthropogenic effects are associated with a lower

persistence of marine food webs. *Nature Communications, 7*(10737), 5 pp. doi:10.1038/ncomms10737
Gridded Population of the World (GPW) v3 (population count)

Gilbert, M., Golding, N., Zhou, H., Wint, G. R. W., Robinson, T. P., Tatem, A. J., . . . Yu, H. (2014). Predicting the risk of avian influenza A H7N9 infection in live-poultry markets across Asia. *Nature Communications, 5*(4116). doi:10.1038/ncomms5116
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)

Gizelis, T.-I., Pickering, S., & Urdal, H. (2021). Conflict on the urban fringe: Urbanization, environmental stress, and urban unrest in Africa. *Political Geography, 86*, 102357. doi:10.1016/j.polgeo.2021.102357
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)

Glaser, S. M., Hendrix, C. S., Franck, B., Wedig, K., & Kaufman, L. (2019). Armed conflict and fisheries in the Lake Victoria basin. *Ecology and Society, 24*(1), 25. doi:10.5751/ES-10787-240125
Gridded Population of the World (GPW) v3 (population count)

Gleditsch, K. S., & Weidmann, N. B. (2012). Richardson in the Information Age: Geographic Information Systems and Spatial Data in International Studies. *Annual Review of Political Science, 15*(1), 461-481. doi:10.1146/annurev-polisci-031710-112604
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
REMOTE SENSING (DMSP-OLS)

Gleeson, T., & Wada, Y. (2013). Assessing regional groundwater stress for nations using multiple data sources with the groundwater footprint. *Environmental Research Letters, 8*(4), 044010. doi:10.1088/1748-9326/8/4/044010
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (GRACE)

Glennie, P., Bertule, M., De Stefano, L., de Sherbinin, A. M., Green, P., Forslund, A., . . . Seitzinger, S. (2016). Assessment approach and methods. In *Transboundary River Basins: Status and Trends*

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Global Rural-Urban Mapping Project (GRUMP) v1 (population count) - 10.7927/H4VT1Q1H

Glennie, P., Bertule, M., Eynard, J., Jaiteh, M., Schneider, C., & Bjørnsen, P. K. (2016). Introduction. In
    Transboundary River Basins: Status and Trends (pp. 1-7). Nairobi: United Nations Environment
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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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    layer, land use/land cover databases (SIOSE) and LIDAR remote sensing data. *Revista de
    Teledetección*(46), 147-163. doi:10.4995/raet.2016.4710
Gridded Population of the World (GPW) v3 (collection)
LiDAR

Goerlich Gisbert, F. J., & Cantarino Marti, I. (2017). Grid poblacional 2011 para España. Evaluación
    metodológica de diversas posibilidades de elaboración. *Estudios Geográficos, 78*(282), 135-163.
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Gridded Population of the World (GPW) v3 (collection)

Gogolenko, S. (2020). *Large Scale Agent Based Social Simulations with High Resolution Raster Inputs in
    Distributed HPC Environments.* Paper presented at the Sustained Simulation Performance, 2018
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Gridded Population of the World (GPW) v3 (population density)

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    research: Mapping built-up land cover and land use in Ho Chi Minh City, Vietnam. *Development
    Engineering, 3*, 83-99. doi:10.1016/j.deveng.2018.03.001
Gridded Population of the World (GPW) v3 (collection)

Goldblatt, R., Stuhlmacher, M. F., Tellman, B., Clinton, N., Hanson, G., Georgescu, M., . . . Balling Jr, R. C.
    (2018). Using Landsat and nighttime lights for supervised pixel-based image classification of
    urban land cover. *Remote Sensing of Environment, 205*, 253-275. doi:10.1016/j.rse.2017.11.026
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (Landsat)

Goldscheider, N., Chen, Z., Auler, A. S., Bakalowicz, M., Broda, S., Drew, D., . . . Veni, G. (2020). Global
    distribution of carbonate rocks and karst water resources. *Hydrogeology Journal, 28*, 1661-1677.
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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

Gomes, M. F. C., Pastore y Piontti, A., Rossi, L., Chao, D. L., Longini, I. M., Jr., Halloran, M. E., &
    Vespignani, A. (2014). Assessing the international spreading risk associated with the 2014 West
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Gridded Population of the World (GPW) v3 (population count)

Gomez y Paloma, S., Ceccarelli, T., Hoek, S., Winograd, M., Delvaux, G., & Andrés, P. (2019). *Human Appropriation of Net Primary Production of Sahel Ecosystems Under a Changing Climate to 2050: Food Security and Resource-use Balance in the Sahel*. Retrieved from Luxembourg: https://doi.org/10.2760/500533
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MODIS - MOD17A3)

Gomez-Barroso, D., Velasco, E., Varela, C., Leon, I., & Cano, R. (2017). Spread of Ebola virus disease based on the density of roads in West Africa. *Geospatial Health, 12*(2), 193-198. doi:10.4081/gh.2017.552
Gridded Population of the World (GPW) v3 (population count future estimates)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)

Gonzalez, P., Neilson, R. P., Lenihan, J. M., & Drapek, R. J. (2010). Global patterns in the vulnerability of ecosystems to vegetation shifts due to climate change. *Global Ecology and Biogeography, 19*(6), 755-768. doi:10.1111/j.1466-8238.2010.00558.x
Gridded Population of the World (GPW) v3 (population count)

González, P. J., & Fernández, J. (2011). Drought-driven transient aquifer compaction imaged using multitemporal satellite radar interferometry. *Geology, 39*(6), 551-554. doi:10.1130/g31900.1
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (ENVISAT-ASAR)
REMOTE SENSING (ERS-1)
REMOTE SENSING (ERS-2)

Gonzalez, R. (2017). How scientists predict if a spacecraft will fall and kill you. *Wired.* Retrieved from https://www.wired.com/story/how-scientists-predict-if-a-spacecraft-will-fall-and-kill-you/
Gridded Population of the World (GPW) v3 (population count)

González-Maya, J. F., Víquez-R, L. R., Arias-Alzate, A., Belant, J. L., & Ceballos, G. (2016). Spatial patterns of species richness and functional diversity in Costa Rican terrestrial mammals: implications for conservation. *Diversity and Distributions, 22*(1), 43-56. doi:10.1111/ddi.12373
Gridded Population of the World (GPW) v3 (population density)
Human Appropriation of Net Primary Productivity (HANPP) (collection)

Goodman, S., BenYishay, A., Lv, Z., & Runfola, D. (2019). GeoQuery: Integrating HPC systems and public web-based geospatial data tools. *Computers & Geosciences, 122*, 103-112. doi:10.1016/j.cageo.2018.10.009
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Gridded Population of the World (GPW) v4.10 (population count) - 10.7927/H4PG1PPM
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
NASA REMOTE SENSING (MODIS land cover)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (DMSP-OLS)

Gorokhovich, Y., & Doocy, S. (2008). *Estimating population risk for coastal disasters using spatial models with global data.* Paper presented at the Solutions to Coastal Disasters 2008, Oahu, Hawaii.
Gridded Population of the World (GPW) v3 (collection)

Global Rural-Urban Mapping Project (GRUMP) alpha (collection)

Goss, P. E., Lee, B. L., Badovinac-Crnjevic, T., Strasser-Weippl, K., Chavarri-Guerra, Y., Louis, J. S., . . . Azenha, G. (2013). Planning cancer control in Latin America and the Caribbean. *The Lancet Oncology, 14*(5), 391-436. doi:10.1016/S1470-2045(13)70048-2
Gridded Population of the World (GPW) v3 (population count future estimates)

Grabowicz, P. A., Ramasco, J. J., Gonçalves, B., & Eguíluz, V. M. (2014). Entangling mobility and interactions in social media. *PLoS ONE, 9*(3), e92196. doi:10.1371/journal.pone.0092196
Gridded Population of the World (GPW) v3 (population count future estimates)

Graham, A. M., Pope, R. J., Pringle, K., Arnold, S., Chipperfield, M., Conibear, L. A., . . . McQuaid, J. B. (2020). Impact on air quality and health due to the Saddleworth Moor Fire in Northern England. *Environmental Research Letters, 15*(7), 074018. doi:10.1088/1748-9326/ab8496
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (MODIS)

Graham, M., & De Sabbata, S. (2015). Mapping information wealth and poverty: The geography of gazetteers. *Environment and Planning A, 47*(6), 1254-1264. doi:10.1177/0308518x15594899
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Graham, N. A. J., Nash, K. L., & Kool, J. T. (2011). Coral reef recovery dynamics in a changing world. *Coral Reefs, 30*(2), 283-294. doi:10.1007/s00338-010-0717-z
Gridded Population of the World (GPW) v3 (population density)

Grainger, M. J., Garson, P. J., Browne, S. J., McGowan, P. J. K., & Savini, T. (2018). Conservation status of Phasianidae in Southeast Asia. *Biological Conservation, 220*, 60-66. doi:10.1016/j.biocon.2018.02.005
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT

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Gridded Population of the World (GPW) v3 (national identifier grid)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Greve, M., Lykke, A. M., Blach-Overgaard, A., & Svenning, J.-C. (2011). Environmental and anthropogenic determinants of vegetation distribution across Africa. *Global Ecology and Biogeography, 20*(5), 661-674. doi:10.1111/j.1466-8238.2011.00666.x
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Human Influence Index)
REMOTE SENSING (SPOT GLC2000)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (TOPEX/Poseidon)
NASA REMOTE SENSING (Jason-1)
REMOTE SENSING (ERS-1)
REMOTE SENSING (ERS-2)
REMOTE SENSING (CryoSat-2)
REMOTE SENSING (SARAL)

Grigholm, B., Mayewski, P. A., Aizen, V., Kreutz, K., Aizen, E., Kang, S., . . . Sneed, S. B. (2017). A twentieth century major soluble ion record of dust and anthropogenic pollutants from Inilchek Glacier, Tien Shan. *Journal of Geophysical Research: Atmospheres, 122*(3), 1884-1900. doi:10.1002/2016JD025407
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (collection)
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Gridded Population of the World (GPW) v3 (unspecified)

Gschwind, B., Lefevre, M., Blanc, I., Ranchin, T., Wyrwa, A., Drebszok, K., . . . Fuss, S. (2015). Including the temporal change in $PM_{2.5}$ concentration in the assessment of human health impact: Illustration with renewable energy scenarios to 2050. *Environmental Impact Assessment Review, 52*, 62-68. doi:10.1016/j.eiar.2014.09.003
Gridded Population of the World (GPW) v3 (population count future estimates)

Gu, X., Zhang, Q., Li, J., Chen, D., Singh, V. P., Zhang, Y., . . . Yu, H. (2020). Impacts of anthropogenic warming and uneven regional socio-economic development on global river flood risk. *Journal of Hydrology, 590*, 125262. doi:10.1016/j.jhydrol.2020.125262
Gridded Population of the World (GPW) v3 (population count)
Spatial Economic Data (Global Gridded Geographically Based Economic Data (G-Econ), v4)
Natural Disaster Hotspots (collection)

Gu, Y., Wong, T. W., Law, S., C. K., Dong, G. H., Ho, K. F., Yang, Y., & Yim, S. H. L. (2018). Impacts of sectoral emissions in China and the implications: air quality, public health, crop production, and economic costs. *Environmental Research Letters, 13*(8), 084008. doi:10.1088/1748-9326/aad138
Gridded Population of the World (GPW) v3 (unspecified)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)

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Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (CALIOP Lidar)
NASA REMOTE SENSING (MODIS - MCD12Q1)

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Gridded Population of the World (GPW) v3 (population density)

Guariso, A., & Rogall, T. (2017). *Rainfall Inequality, Political Power, and Ethnic Conflict in Africa*. Retrieved from Leuven, Belgium: http://feb.kuleuven.be/drc/licos/publications/dp/dp-391
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (DMSP-OLS)

Guha-Sapir, D., Rodriguez-Llanes, J., & Jakubicka, T. (2011). Using disaster footprints, population databases and GIS to overcome persistent problems for human impact assessment in flood events. *Natural Hazards, 58*(3), 845-852. doi:10.1007/s11069-011-9775-y
Gridded Population of the World (GPW) v3 (collection)

Gui, K., Che, H., Wang, Y., Wang, H., Zhang, L., Zhao, H., . . . Zhang, X. (2019). Satellite-derived PM2.5 concentration trends over Eastern China from 1998 to 2016: Relationships to emissions and meteorological parameters. *Environmental Pollution, 247*, 1125-1133. doi:10.1016/j.envpol.2019.01.056
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4 (population count)

Gulledge, J. (2008). Three Plausible Scenarios of Future Climate Change. In K. M. Campbell (Ed.), *Climatic Cataclysm* (pp. 49-96). Washington: The Brookings Institution.
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Last of the Wild v2 (Human Influence Index (Geographic)) - 10.7927/H4BP00QC

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (collection)

Haberl, H., Wiedenhofer, D., Erb, K.-H., Görg, C., & Krausmann, F. (2017). The material stock–flow–service nexus: A new approach for tackling the decoupling conundrum. *Sustainability, 9*(7), 19pp. doi:10.3390/su9071049
Gridded Population of the World (GPW) v3 (collection)

Habibi, N. (2017). *Conflict in Ethiopia: The Impact of Precipitation and Its Transmission Mechanism*. Retrieved from Brighton: http://www.hicn.org/wordpress/wp-content/uploads/2012/06/HiCN-WP-248.pdf
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

Haer, R., & RezaeeDaryakenari, B. (2022). Disasters and civilian victimization: Exploring the dynamic effect in Africa, 1997–2017. *Journal of Peace Research, 59*(1), 43-57. doi:10.1177/00223433211061672
Gridded Population of the World (GPW) v3 (population count future estimates)

Haile, B., Signorelli, S., Azzarri, C., & Johnson, T. (2018). Welfare effects of weather variability: Multi-country evidence from Africa south of the Sahara. *PLoS ONE, 13*(11), e0206415. doi:10.1371/journal.pone.0206415
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Hall, J. W., Grey, D., Garrick, D., Fung, F., Brown, C., Dadson, S. J., & Sadoff, C. W. (2014). Coping with the curse of freshwater variability. *Science, 346*(6208), 429-430. doi:10.1126/science.1257890
Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Hall, O., Duit, A., & Caballero, L. N. C. (2008). World poverty, environmental vulnerability and population at risk for natural hazards. *Journal of Maps, 2008*, 151-160. doi:10.4113/jom.2008.95
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)
Natural Disaster Hotspots (collection)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Hamlet, A. F., Lee, S.-Y., Mickelson, K. E. B., & Elsner, M. M. (2010). Effects of projected climate change on energy supply and demand in the Pacific Northwest and Washington State. *Climatic Change, 102*(1-2), 103-128. doi:10.1007/s10584-010-9857-y
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Hammond, J. (2018). Maps of mayhem: Strategic location and deadly violence in civil war. *Journal of Peace Research, 55*(1), 32-46. doi:10.1177/0022343317702956
Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ
Satellite-Derived Environmental Indicators (Global Annual PM2.5 Grids from MODIS, MISR and SeaWiFS Aerosol Optical Depth (AOD), v1) - 10.7927/H4028PFS

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Gridded Population of the World (GPW) v4.11 (population density) - 10.7927/H49C6VHW
NASA REMOTE SENSING (GIMMS NDVI)

Hanasaki, N., Fujimori, S., Yamamoto, T., Yoshikawa, S., Masaki, Y., Hijioka, Y., . . . Kanae, S. (2013). A global water scarcity assessment under Shared Socio-economic Pathways – Part 1: Water use. *Hydrology and Earth System Sciences, 17*, 2375-2391. doi:10.5194/hess-17-2375-2013
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Hanasaki, N., Kanae, S., Oki, T., & Shirakawa, N. (2008). An integrated model for the assessment of global water resources – Part 1: Model description and input meteorological forcing. *Hydrology and Earth System Sciences Discussions, 12*(5), 1007-1025. doi:10.5194/hess-12-1007-2008
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (national-admin-boundaries)

Hanasaki, N., Yoshikawa, S., Pokhrel, Y., & Kanae, S. (2018). A quantitative investigation of the thresholds for two conventional water scarcity indicators using a state-of-the-art global hydrological model with human activities. *Water Resources Research, 54*(10), 8279-8294. doi:10.1029/2018WR022931
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (DMSP-OLS)

Hantson, S., Pueyo, S., & Chuvieco, E. (2015). Global fire size distribution is driven by human impact and climate. *Global Ecology and Biogeography, 24*(1), 77-86. doi:10.1111/geb.12246
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population density future estimates)

Harrington, L. J., Frame, D. J., Hawkins, E., & Joshi, M. (2017). Seasonal cycles enhance disparities between low- and high-income countries in exposure to monthly temperature emergence with future warming. *Environmental Research Letters, 12*(11), 8pp. doi:10.1088/1748-9326/aa95ae
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Landsat)

Hartmann, J., Lauerwald, R., & Moosdorf, N. (2014). A brief overview of the GLObal RIver Chemistry database, GLORICH. *Procedia Earth and Planetary Science, 10*, 23-27. doi:10.1016/j.proeps.2014.08.005
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)

Hasegawa, T., Park, C., Fujimori, S., Takahashi, K., Hijioka, Y., & Masui, T. (2016). Quantifying the economic impact of changes in energy demand for space heating and cooling systems under varying climatic scenarios. *Palgrave Communications, 2*(16013), 8 pp. doi:10.1057/palcomms.2016.13
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (MERIS GlobCover)

Hasson, S., Lucarini, V., & Pascale, S. (2013). Hydrological cycle over South and Southeast Asian river basins as simulated by PCMDI/CMIP3 experiments. *Earth System Dynamics, 4*(2), 199-217. doi:10.5194/esd-4-199-2013
Gridded Population of the World (GPW) v3 (population density future estimates)

Hastie, A. (2019). *Large Scale Spatio-Temporal Variation of Carbon Fluxes Along the Land-Ocean Continuum in Three Hotspot Regions.* (Ph.D.). Universite Libre De Bruxelles, Brussels. Retrieved from https://c-cascades.ulb.ac.be/images/FichiersPDF/Thesis/11-Hastie-thesis.pdf
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (MODIS NPP)

Havlík, P., Schneider, U. A., Schmid, E., Böttcher, H., Fritz, S., Skalský, R., . . . Obersteiner, M. (2011). Global land-use implications of first and second generation biofuel targets. *Energy Policy, 39*(10), 5690-5702. doi:10.1016/j.enpol.2010.03.030
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (SPOT GLC2000)

Hawes, J. E., Calouro, A. M., & Peres, C. A. (2013). Sampling effort in neotropical primate diet studies: Collective gains and underlying geographic and taxonomic biases. *International Journal of Primatology, 34*(6), 1081-1104. doi:10.1007/s10764-013-9738-0
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (MERIS GlobCover)

Hay, S. I., Guerra, C. A., Gething, P. W., Patil, A. P., Tatem, A. J., Noor, A. M., . . . Snow, R. W. (2009). A world malaria map: *Plasmodium falciparum* endemicity in 2007. *PLoS Medicine, 6*(3), e1000048. doi:10.1371/journal.pmed.1000048
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

Hay, S. I., Noor, A. M., Nelson, A., & Tatem, A. J. (2005). The accuracy of human population maps for public health application. *Tropical Medicine & International Health, 10*(10), 1073-1086.

doi:10.1111/j.1365-3156.2005.01487.x
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Haylock, M. R. (2011). European extra-tropical storm damage risk from a multi-model ensemble of dynamically-downscaled global climate models. *Natural Hazards and Earth System Sciences, 11*, 2847-2857. doi:10.5194/nhess-11-2847-2011
Gridded Population of the World (GPW) v3 (population density)

Heck, V., Hoff, H., Wirsenius, S., Meyer, C., & Kreft, H. (2018). Land use options for staying within the Planetary Boundaries – Synergies and trade-offs between global and local sustainability goals. *Global Environmental Change, 49*, 73-84. doi:10.1016/j.gloenvcha.2018.02.004
Gridded Population of the World (GPW) v3 (population count future estimates)

Helmes, R. J. K., Huijbregts, M. A. J., Henderson, A. D., & Jolliet, O. (2012). Spatially explicit fate factors of phosphorous emissions to freshwater at the global scale. *The International Journal of Life Cycle Assessment, 17*(5), 646-654. doi:10.1007/s11367-012-0382-2
Gridded Population of the World (GPW) v3 (unspecified)

Hempson, G. P., Parr, C. L., Archibald, S., Anderson, T. M., Mustaphi, C. J. C., Dobson, A. P., . . . Beale, C. M. (2018). Continent-level drivers of African pyrodiversity. *Ecography, 41*(6), 889-899. doi:10.1111/ecog.03109
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Henderson, J. V., Squires, T., Storeygard, A., & Weil, D. (2018). The global distribution of economic activity: Nature, history, and the role of trade. *The Quarterly Journal of Economics, 133*(1), 357-406. doi:10.1093/qje/qjx030
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
REMOTE SENSING (DMSP-OLS)

Henderson, J. V., Squires, T. L., Storeygard, A., & Weil, D. N. (2016). *The global spatial distribution of economic activity: Nature, history, and the role of trade*. Retrieved from Cambridge, MA: https://doi.org/10.3386/w22145
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
REMOTE SENSING (DMSP-OLS)

Henderson, J. V., Storeygard, A., & Weil, D. N. (2012). Measuring economic growth from outer space. *American Economic Review, 102*(2), 994-1028. doi:10.1257/aer.102.2.994
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) alpha (Land and Geographic Area Grids)
Global Rural-Urban Mapping Project (GRUMP) alpha (settlement points)
REMOTE SENSING (DMSP-OLS)

Henne, S., Brunner, D., Folini, D., Solberg, S., Klausen, J., & Buchmann, B. (2010). Assessment of parameters describing representativeness of air quality in-situ measurement sites. *Atmospheric Chemistry and Physics, 10*(8), 3561-3581. doi:10.5194/acp-10-3561-2010
Gridded Population of the World (GPW) v3 (unspecified)

Hennig, B. D. (2013). *Rediscovering the World*: Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v3 (collection)
Poverty Mapping (collection)

Hennig, B. D. (2016). Visualising spaces of global inaccessibility. In S. J. Carver & S. Fritz (Eds.), *Mapping Wilderness: Concepts, Techniques and Applications* (pp. 103-116). Dordrecht: Springer Netherlands.
Gridded Population of the World (GPW) v3 (collection)

Hennig, B. D., Pritchard, J., Ramsden, M., & Dorling, D. (2010, Winter 2010). Remapping the world's population. *ArcUser, 13(1),* 66-69. Retrieved from http://www.esri.com/news/arcuser/0110/cartograms.html
Gridded Population of the World (GPW) v3 (population count)

Herbert, C., & Döll, P. (2019). Global assessment of current and future groundwater stress with a focus on transboundary aquifers. *Water Resources Research, 55*(6), 4760-4784. doi:10.1029/2018wr023321
Gridded Population of the World (GPW) v3 (population count)

Herrick, K., Huettmann, F., & Lindgren, M. (2013). A global model of avian influenza prediction in wild birds: the importance of northern regions. *Veterinary Research, 44*(1), 42. doi:10.1186/1297-9716-44-42
Gridded Population of the World (GPW) v3 (population density future estimates)
Last of the Wild v2 (Human Footprint)
Last of the Wild v2 (Human Influence Index)

Herrmann, S. M., & Tappan, G. G. (2013). Vegetation impoverishment despite greening: A case study from central Senegal. *Journal of Arid Environments, 90*(1), 55-66. doi:10.1016/j.jaridenv.2012.10.020
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR)
REMOTE SENSING (NDVI)

Hetényi, G., Le Roux-Mallouf, R., Berthet, T., Cattin, R., Cauzzi, C., Phuntsho, K., & Grolimund, R. (2016). Joint approach combining damage and paleoseismology observations constrains the 1714 AD Bhutan earthquake at magnitude 8 ± 0.5. *Geophysical Research Letters, 43*(20), 10695-10702. doi:10.1002/2016GL071033
Gridded Population of the World (GPW) v3 (population density)

Higgins, S. A. (2016). Review: Advances in delta-subsidence research using satellite methods. *Hydrogeology Journal, 24*(3), 587-600. doi:10.1007/s10040-015-1330-6
Gridded Population of the World (GPW) v3 (population count future estimates)

NASA REMOTE SENSING (ALOS PALSAR)
NASA REMOTE SENSING (GRACE)

Higgins, S. A., Overeem, I., Steckler, M. S., Syvitski, J. P. M., Seeber, L., & Akhter, S. H. (2014). InSAR measurements of compaction and subsidence in the Ganges-Brahmaputra Delta, Bangladesh. *Journal of Geophysical Research: Earth Surface, 119*(8), 1768-1781. doi:10.1002/2014jf003117
Gridded Population of the World (GPW) v3 (collection)
NASA REMOTE SENSING (ALOS InSAR)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (MODIS)

Hill, M. J., Román, M., O., & Schaaf, C., B. (2010). Biogeography and dynamics of global tropical and subtropical savannas. In M. J. Hill & N. P. Hanan (Eds.), *Ecosystem Function in Savannas* (pp. 3-37): CRC Press.
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Hillson, R., Alejandre, J. D., Jacobsen, K. H., Ansumana, R., Bockarie, A. S., Bangura, U., . . . Stenger, D. A. (2014). Methods for determining the uncertainty of population estimates derived from satellite imagery and limited survey data: A case study of Bo City, Sierra Leone. *PLoS ONE, 9*(11), e112241. doi:10.1371/journal.pone.0112241
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (WorldView-1)

Hinkel, J., & Klein, R. J. T. (2009). Integrating knowledge to assess coastal vulnerability to sea-level rise: The development of the DIVA tool. *Global Environmental Change, 19*(3), 384-395. doi:10.1016/j.gloenvcha.2009.03.002
Gridded Population of the World (GPW) v3 (population count)

Hinkel, J., Nicholls, R. J., Vafeidis, A., Tol, R., & Avagianou, T. (2010). Assessing risk of and adaptation to sea-level rise in the European Union: an application of DIVA. *Mitigation and Adaptation Strategies for Global Change, 15*(7), 703-719. doi:10.1007/s11027-010-9237-y
Gridded Population of the World (GPW) v3 (population count)

Hinkel, J., van Vuuren, D., Nicholls, R. J., & Klein, R. (2013). The effects of adaptation and mitigation on coastal flood impacts during the 21st century. An application of the DIVA and IMAGE models. *Climatic Change, 117*(4), 783-794. doi:10.1007/s10584-012-0564-8
Gridded Population of the World (GPW) v3 (population count)

Hirsch-Eshkol, T., Baharad, A., & Alpert, P. (2014). Investigation of the dominant factors influencing the ERA15 temperature increments at the subtropical and temperate belts with a focus over the eastern Mediterranean region. *Land, 3*(3), 1015-1036. doi:10.3390/land3031015
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (TOMS AI)

Hirte, G., Lessmann, C., & Seidel, A. (2020). International Trade, Geographic Heterogeneity and Interregional Inequality. *European Economic Review, 127*, 103427.

doi:10.1016/j.euroecorev.2020.103427
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (DMSP-OLS)

Ho, H.-A., Martinsson, P., & Olsson, O. (2017). *The Origins of Cultural Divergence: Evidence from a Developing Country*. Retrieved from Gothenburg: https://gupea.ub.gu.se/bitstream/2077/54568/1/gupea_2077_54568_1.pdf
Gridded Population of the World (GPW) v3 (population density)

Hochard, J., & Barbier, E. (2017). Market accessibility and economic growth: Insights from a new dimension of inequality. *World Development, 97*, 279-297. doi:10.1016/j.worlddev.2017.04.018
Gridded Population of the World (GPW) v3 (admin boundaries)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)

Hodler, R., & Raschky, P. A. (2014). Economic shocks and civil conflict at the regional level. *Economics Letters, 124*(3), 530-533. doi:10.1016/j.econlet.2014.07.027
Gridded Population of the World (GPW) v3 (admin boundaries)
REMOTE SENSING (DMSP-OLS)

Hodler, R., & Raschky, P. A. (2014). *Economic Shocks and Civil Conflict at the Regional Level: Discussion Paper 27/14*. Retrieved from Monash: http://www.buseco.monash.edu.au/eco/research/papers/2014/2714economichodlerraschky.pdf
Gridded Population of the World (GPW) v3 (admin boundaries)

Hodson, D., & White, J. (2010). GIS and Crop Simulation Modelling Applications in Climate Change Research. In M. P. Reynolds (Ed.), *Climate Change and Crop Production* (pp. 245-262): CAB International.
Gridded Population of the World (GPW) v3 (collection)

Hody, A. W., Moreno, R., Meyer, N. F. V., Pacifici, K., & Kays, R. (2019). Canid collision—expanding populations of coyotes (*Canis latrans*) and crab-eating foxes (*Cerdocyon thous*) meet up in Panama. *Journal of Mammalogy, 100*(6), 1819-1830. doi:10.1093/jmammal/gyz158
Gridded Population of the World (GPW) v3 (population density)

Hoekstra, A. Y., Mekonnen, M. M., Chapagain, A. K., Mathews, R. E., & Richter, B. D. (2012). Global monthly water scarcity: blue water footprints versus blue water availability. *PLoS ONE, 7*(2), e32688. doi:10.1371/journal.pone.0032688
Gridded Population of the World (GPW) v3 (population density)

Hogan, D., & Marandola, E. (2012). Bringing a population-environment perspective to hazards research. *Population and Environment, 34*(1), 3-21. doi:10.1007/s11111-012-0166-4
Gridded Population of the World (GPW) v3 (collection)
Natural Disaster Hotspots (collection)

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China Dimensions (China Administrative Regions GIS Data: 1:1M, County Level, 1 July 1990)
Gridded Population of the World (GPW) v3 (population count)

Holden, P. B., Edwards, N. R., Garthwaite, P. H., Fraedrich, K., Lunkeit, F., Kirk, E., . . . Babonneau, F. (2014). PLASIM-ENTSem v1.0: a spatio-temporal emulator of future climate change for impacts assessment. *Geoscientific Model Development, 7*(1), 433-451. doi:10.5194/gmd-7-433-2014
Gridded Population of the World (GPW) v3 (population count)

Holko, A., Mędrek, M., Pastuszak, Z., & Phusavat, K. (2016). Epidemiological modeling with a population density map-based cellular automata simulation system. *Expert Systems with Applications, 48*, 1-8. doi:10.1016/j.eswa.2015.08.018
Gridded Population of the World (GPW) v3 (population count)

Honnery, D., & Moriarty, P. (2009). Estimating global hydrogen production from wind. *International Journal of Hydrogen Energy, 34*(2), 727-736. doi:10.1016/j.ijhydene.2008.11.001
Gridded Population of the World (GPW) v3 (population count)

Hoque, M. A., Scheelbeek, P. F. D., Vineis, P., Khan, A. E., Ahmed, K. M., & Butler, A. P. (2016). Drinking water vulnerability to climate change and alternatives for adaptation in coastal South and South East Asia. *Climatic Change, 136*(2), 247-263. doi:10.1007/s10584-016-1617-1
Gridded Population of the World (GPW) v3 (population density)

Horton, D. E., Harshvardhan, & Diffenbaugh, N. S. (2012). Response of air stagnation frequency to anthropogenically enhanced radiative forcing. *Environmental Research Letters, 7*(4), 044034. doi:10.1088/1748-9326/7/4/044034
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Hotez, P. J. (2008). Holidays in the sun and the Caribbean's forgotten burden of neglected tropical diseases. *PLoS Neglected Tropical Diseases, 2*(5), e239. doi:10.1371/journal.pntd.0000239
Gridded Population of the World (GPW) v3 (collection)

Howes, R. E., Reiner Jr, R. C., Battle, K. E., Longbottom, J., Mappin, B., Ordanovich, D., . . . Hay, S. I. (2015). *Plasmodium vivax* transmission in Africa. *PLoS Neglected Tropical Diseases, 9*(11), e0004222. doi:10.1371/journal.pntd.0004222
Gridded Population of the World (GPW) v3 (population count future estimates)

Hrdina, A., & Romportl, D. (2022). Current global land systems classifications: Comparison of methods and outputs. *AUC Geographica, 57*(1), 48-60. doi:10.14712/23361980.2022.5
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (population density)

Hsiang, S. M., Oliva, P., & Walker, R. (2017). *The distribution of environmental damages*. Retrieved from Cambridge, MA: https://doi.org/10.3386/w23882
Gridded Population of the World (GPW) v3 (subnational admin boundaries) - 10.7927/H4P26W1B

Hu, L., He, Z., & Liu, J. (2016). Adaptive multi-scale population spatialization model constrained by multiple factors: A case study of Russia. *The Cartographic Journal*, 1-18. doi:10.1080/00087041.2016.1193273
Gridded Population of the World (GPW) v3 (unspecified)

Hu, Y., Xia, C., Li, S., Ward, M. P., Luo, C., Gao, F., . . . Zhang, Z. (2017). Assessing environmental factors associated with regional schistosomiasis prevalence in Anhui Province, Peoples' Republic of China using a geographical detector method. *Infectious Diseases of Poverty, 6*(1), 87. doi:10.1186/s40249-017-0299-x
Gridded Population of the World (GPW) v3 (population density)

Hu, Y., Xiong, C.-L., Zhang, Z.-J., Bergquist, R., Wang, Z.-L., Gao, J., . . . Jiang, Q. (2013). Comparison of data-fitting models for schistosomiasis: a case study in Xingzi, China. *Geospatial Health, 8*(1), 125-132. doi:10.4081/gh.2013.60
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS NDVI)

Hu, Y., Zhang, Z., Chen, Y., Wang, Z., Gao, J., Tao, B., . . . Jiang, Q. (2013). Spatial pattern of schistosomiasis in Xingzi, Jiangxi Province, China: the effects of environmental factors. *Parasites & Vectors, 6*(1), 214. doi:10.1186/1756-3305-6-214
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (NDVI)

Huang, H., Xue, Y., Li, F., & Liu, Y. (2020). Modeling long-term fire impact on ecosystem characteristics and surface energy using a process-based vegetation-fire model SSiB4/TRIFFID-Fire v1.0. *Geoscientific Model Development, 13*(12), 6029-6050. doi:10.5194/gmd-13-6029-2020
Gridded Population of the World (GPW) v3 (population count)

Huang, J., Yu, H., Guan, X., Wang, G., & Guo, R. (2015). Accelerated dryland expansion under climate change. *Nature Climate Change, 6*, 166-171. doi:10.1038/nclimate2837
Gridded Population of the World (GPW) v3 (population count)
Socioeconomic Downscaled Projections (Country-level Population and Downscaled Projections based on the SRES B2 scenario)

Huang, L., Gong, S. L., Sharma, S., Lavoué, D., & Jia, C. Q. (2010). A trajectory analysis of atmospheric transport of black carbon aerosols to Canadian high Arctic in winter and spring (1990–2005). *Atmospheric Chemistry and Physics, 10*, 5066-5073. doi:10.5194/acp-10-5065-2010
Gridded Population of the World (GPW) v3 (land and geographic unit area grids)

Huang, T., Tian, C., Zhang, K., Gao, H., Li, Y.-F., & Ma, J. (2015). Gridded atmospheric emission inventory of 2,3,7,8-TCDD in China. *Atmospheric Environment, 108*, 41-48. doi:10.1016/j.atmosenv.2015.02.070
Global Agricultural Lands (Cropland)
Gridded Population of the World (GPW) v3 (population density)

REMOTE SENSING (DMSP-OLS)

Huang, X., Li, F., & Chen, J. (2016). Reserve network planning for fishes in the middle and lower Yangtze River basin by systematic conservation approaches. *Science China Life Sciences, 59*(3), 312-324. doi:10.1007/s11427-015-4950-0
Gridded Population of the World (GPW) v3 (population density)

Huang, Y., Wu, S., & Kaplan, J. O. (2015). Sensitivity of global wildfire occurrences to various factors in the context of global change. *Atmospheric Environment, 121*, 86-92. doi:10.1016/j.atmosenv.2015.06.002
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Huang, Y., Zhao, C., Song, X., Chen, J., & Li, Z. (2018). A semi-parametric geographically weighted (S-GWR) approach for modeling spatial distribution of population. *Ecological Indicators, 85*, 1022-1029. doi:10.1016/j.ecolind.2017.11.028
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat TM)
REMOTE SENSING (China–Brazil Earth Resources Satellite (CBERS-2))

Huber-Sannwald, E., Ribeiro Palacios, M., Arredondo Moreno, J. T., Braasch, M., Martínez Peña, R. M., de Alba Verduzco, J. G., & Monzalvo Santos, K. (2012). Navigating challenges and opportunities of land degradation and sustainable livelihood development in dryland social–ecological systems: a case study from Mexico. *Philosophical Transactions of the Royal Society B: Biological Sciences, 367*(1606), 3158-3177. doi:10.1098/rstb.2011.0349
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (Landsat)

Huijbregts, M. A. J., Steinmann, Z. J. N., Elshout, P. M. F., Stam, G., Verones, F., Vieira, M. D. M., & van Zelm, R. (2016). *ReCiPe2016. A Harmonized Life Cycle Impact Assessment Method at Midpoint and Endpoint Level. Report I: Characterization*. Retrieved from Nijmegen: http://www.ru.nl/publish/pages/542191/report_recipe_2016oct.pdf
Global Agricultural Inputs (nitrogen fertilizer application)
Gridded Population of the World (GPW) v3 (population count future estimates)

Humbert, S., Manneh, R., Shaked, S., Wannaz, C., Horvath, A., Deschênes, L., . . . Margni, M. (2009). Assessing regional intake fractions in North America. *Science of The Total Environment, 407*(17), 4812-4820. doi:10.1016/j.scitotenv.2009.05.024
Gridded Population of the World (GPW) v3 (population density)

Humphreys, J. M., Elsner, J. B., Jagger, T. H., & Pau, S. (2017). A Bayesian geostatistical approach to modeling global distributions of *Lygodium microphyllum* under projected climate warming. *Ecological Modelling, 363*, 192-206. doi:10.1016/j.ecolmodel.2017.09.005
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population count future estimates)

Huss, M., Bookhagen, B., Huggel, C., Jacobsen, D., Bradley, R., Clague, J., . . . Winder, M. (2017). Toward mountains without permanent snow and ice. *Earth's Future, 5*(5), 418-435. doi:10.1002/2016EF000514
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (TRMM)

Hussein, M. A., & Ahmed, H. M. S. (2016). Socio-environmental impacts of urban expansion: Case of Arab countries. *International Journal of Applied Business and Economic Research, 14*(11), 7689-7706. Retrieved from http://www.serialsjournals.com/serialjournalmanager/pdf/1481524668.pdf
Gridded Population of the World (GPW) v3 (collection)

Hutchison, W., Pyle, D. M., Mather, T. A., Yirgu, G., Biggs, J., Cohen, B. E., . . . Lewi, E. (2016). The eruptive history and magmatic evolution of Aluto volcano: new insights into silicic peralkaline volcanism in the Ethiopian rift. *Journal of Volcanology and Geothermal Research, 328*, 9-33. doi:10.1016/j.jvolgeores.2016.09.010
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (ASTER GDEM)

Hyman, G., Barona, E., Biradar, C. M., Guevara, E., Dixon, J., Beebe, S., . . . Cardona, J. (2016). Priority regions for research on dryland cereals and legumes. *F1000Research, 5*(885), 20pp. doi:10.12688/f1000research.8657.2
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4 Preliminary release 2 (population count)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Hyman, G., Fujisaka, S., Jones, P., Wood, S., de Vicente, M. C., & Dixon, J. (2008). Strategic approaches to targeting technology generation: Assessing the coincidence of poverty and drought-prone crop production. *Agricultural Systems, 98*(1), 50-61. doi:10.1016/j.agsy.2008.04.001
Gridded Population of the World (GPW) v3 (population count)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Hyman, G., Hodson, D., & Jones, P. (2013). Spatial analysis to support geographic targeting of genotypes to environments. *Frontiers in Physiology, 4*(40), 13. doi:10.3389/fphys.2013.00040
Gridded Population of the World (GPW) v3 (collection)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (TRMM)
REMOTE SENSING (MERIS GlobCover)

Iacarella, J. C., Adamczyk, E., Bowen, D., Chalifour, L., Eger, A., Heath, W., . . . Baum, J. K. (2018). Anthropogenic disturbance homogenizes seagrass fish communities. *Global Change Biology, 24*(5), 1904-1918. doi:10.1111/gcb.14090
Gridded Population of the World (GPW) v3 (population count)

Ickler, C. (2014). *Limits of Control: Challenges to Spatiotemporal Analysis of Sub-State War*. Retrieved from Berlin: http://www.sfb-governance.de/publikationen/working_papers/wp66/SFB-Governance-Working-Paper-66.pdf
Gridded Population of the World (GPW) v3 (population density)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)

Ickowitz, A. (2012). Wealthiest is not always healthiest: What explains differences in child mortality in West Africa? *Journal of African Economies, 21*(2), 192-227. doi:10.1093/jae/ejr035
Gridded Population of the World (GPW) v3 (population density)

Ide, T., Kristensen, A., & Bartusevičius, H. (2021). First comes the river, then comes the conflict? A qualitative comparative analysis of flood-related political unrest. *Journal of Peace Research, 58*(1), 83-97. doi:10.1177/0022343320966783
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Iglesias, A., Garrote, L., Diz, A., Schlickenrieder, J., & Martin-Carrasco, F. (2011). Re-thinking water policy priorities in the Mediterranean region in view of climate change. *Environmental Science & Policy, 14*(7), 744-757. doi:10.1016/j.envsci.2011.02.007
Gridded Population of the World (GPW) v3 (collection)

IGRAC. (2018). *Population and Areal Statistics for 199 Transboundary Aquifers*. Retrieved from Delft: https://www.un-igrac.org/news/population-and-areal-statistics-199-transboundary-aquifers
Gridded Population of the World (GPW) v3 (population count future estimates)

IImi, A., You, L., & Wood-Sichra, U. (2017). *Spatial autocorrelation panel regression : agricultural production and transport connectivity*. Retrieved from Washington DC: http://documents.worldbank.org/curated/en/594661496768891454/Spatial-autocorrelation-panel-regression-agricultural-production-and-transport-connectivity
Gridded Population of the World (GPW) v3 (population count)

Immerzeel, W. W., & Bierkens, M. F. P. (2012). Asia's water balance. *Nature Geoscience, 5*(12), 841-842. doi:10.1038/ngeo1643
Gridded Population of the World (GPW) v3 (population density)

Immerzeel, W. W., van Beek, L. P. H., & Bierkens, M. F. P. (2010). Climate change will affect the Asian water towers. *Science, 328*(5984), 1382-1385. doi:10.1126/science.1183188
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (ASTER GLIMS)

IOCCG. (2018). *Earth Observations in Support of Global Water Quality Monitoring*. Retrieved from Dartmouth, NS: https://doi.org/10.25607/OBP-113
Gridded Population of the World (GPW) v3 (population density future estimates - map)

Jacob, M., Romeyns, L., Frankl, A., Asfaha, T., Beeckman, H., & Nyssen, J. (2016). Land use and cover dynamics since 1964 in the afro-alpine vegetation belt: Lib Amba Mountain in North Ethiopia. *Land Degradation & Development, 27*(3), 641-653. doi:10.1002/ldr.2396
Gridded Population of the World (GPW) v3 (population density)
Remote Sensing (Bing Maps satellite imagery (IKONOS, GeoEye))

Jacobs, L., Dewitte, O., Poesen, J., Delvaux, D., Thiery, W., & Kervyn, M. (2016). The Rwenzori Mountains, a landslide-prone region? *Landslides, 13*(3), 519-536. doi:10.1007/s10346-015-0582-5
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Jambeck, J. R., Geyer, R., Wilcox, C., Siegler, T. R., Perryman, M., Andrady, A., . . . Law, K. L. (2015). Plastic waste inputs from land into the ocean. *Science, 347*(6223), 768-771. doi:10.1126/science.1260352
Gridded Population of the World (GPW) v3 (population count future estimates)

Jankowska, M. M., Lopez-Carr, D., Funk, C., Husak, G. J., & Chafe, Z. A. (2012). Climate change and human health: Spatial modeling of water availability, malnutrition, and livelihoods in Mali, Africa. *Applied Geography, 33*, 4-15. doi:10.1016/j.apgeog.2011.08.009
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)

Jansen, N., Hartmann, J., Lauerwald, R., Dürr, H. H., Kempe, S., Loos, S., & Middelkoop, H. (2010). Dissolved silica mobilization in the conterminous USA. *Chemical Geology, 270*(1-4), 90-109. doi:10.1016/j.chemgeo.2009.11.008
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (MERIS GlobCover)

Jansson, P., Lawenda, M., Richter, E., Woessner, U., Ionescu, C., Pałka, M., . . . Edwards, M. (2016). *D3.2: First Specification of New Methods, Tools and Mechanisms Proposed for the Support of the Application User and Programmer*. Retrieved from http://coegss.eu/wp-content/uploads/2016/04/D3.2.pdf
Gridded Population of the World (GPW) v3 (population count)

Jarvis, A., Touval, J. L., Schmitz, M. C., Sotomayor, L., & Hyman, G. G. (2010). Assessment of threats to ecosystems in South America. *Journal for Nature Conservation, 18*(3), 180-188. doi:10.1016/j.jnc.2009.08.003
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Jasechko, S., Kirchner, J. W., Welker, J. M., & McDonnell, J. J. (2016). Substantial proportion of global streamflow less than three months old. *Nature Geoscience, 9*, 126-129. doi:10.1038/ngeo2636
Gridded Population of the World (GPW) v3 (population density)

Jennings, M. (2013). Climate disruption: Are we beyond the worst case scenario? *Global Policy, 4*(1), 32-42. doi:10.1111/j.1758-5899.2012.00193.x
Gridded Population of the World (GPW) v3 (population count)

Jennings, M. (2014). Field Notes from the Future: Environmental Conditions at Four Localities in 2100. In J. Norwine (Ed.), *A World After Climate Change and Culture-Shift* (pp. 67-87): Springer Netherlands.
Gridded Population of the World (GPW) v3 (population count)

Jenny, J.-P., Francus, P., Normandeau, A., Lapointe, F., Perga, M. E., Ojala, A. E. K., . . . Zolitschka, B. (2016). Global spread of hypoxia in freshwater ecosystems during the last three centuries is caused by rising local human pressure. *Global Change Biology, 22*(4), 1481-1489. doi:10.1111/gcb.13193
Anthropogenic Biomes of the World v2 (1700, 1800, 1900, 2000)
Gridded Population of the World (GPW) v3 (population density)

Jenny, J.-P., Normandeau, A., Francus, P., Taranu, Z. E., Gregory-Eaves, I., Lapointe, F., . . . Zolitschka, B. (2016). Urban point sources of nutrients were the leading cause for the historical spread of hypoxia across European lakes. *Proceedings of the National Academy of Sciences, 113*(45), 12655-12660. doi:10.1073/pnas.1605480113
Gridded Population of the World (GPW) v3 (population density)

Jensen, T. V., & Pinson, P. (2017). RE-Europe, a large-scale dataset for modeling a highly renewable European electricity system. *Scientific Data, 4*(170175), 18pp. doi:10.1038/sdata.2017.175
Gridded Population of the World (GPW) v3 (population density future estimates)

Jeong, S., Millstein, D., & Fischer, M. L. (2014). Spatially explicit methane emissions from petroleum production and the natural gas system in California. *Environmental Science & Technology, 48*(10), 5982-5990. doi:10.1021/es4046692
Gridded Population of the World (GPW) v3 (population density)

Jha, C. K., Panda, B., & Sahu, S. K. (2022). Institutions and conflict. *Economic Modelling, 113*, 105894. doi:10.1016/j.econmod.2022.105894
Gridded Population of the World (GPW) v3 (unspecified)

Jia, B., Gao, M., Zhang, X., Xiao, X., Zhang, S., & Lam Yung, K. K. (2021). Rapid increase in mortality attributable to PM2.5 exposure in India over 1998–2015. *Chemosphere, 269*, 128715. doi:10.1016/j.chemosphere.2020.128715
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4.11 (population count)

Jia, P., Anderson, J. D., Leitner, M., & Rheingans, R. (2016). High-resolution spatial distribution and estimation of access to improved sanitation in Kenya. *PLoS ONE, 11*(7), e0158490. doi:10.1371/journal.pone.0158490
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Jia, P., & Gaughan, A. E. (2016). Dasymetric modeling: A hybrid approach using land cover and tax parcel data for mapping population in Alachua County, Florida. *Applied Geography, 66*, 100-108. doi:10.1016/j.apgeog.2015.11.006
Gridded Population of the World (GPW) v3 (collection)

Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Jia, P., Qiu, Y., & Gaughan, A. E. (2014). A fine-scale spatial population distribution on the High-resolution Gridded Population Surface and application in Alachua County, Florida. *Applied Geography, 50*, 99-107. doi:10.1016/j.apgeog.2014.02.009
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

Jiang, J., Sharma, A., Sivakumar, B., & Wang, P. (2014). A global assessment of climate–water quality relationships in large rivers: An elasticity perspective. *Science of The Total Environment, 468–469*, 877-891. doi:10.1016/j.scitotenv.2013.09.002
Gridded Population of the World (GPW) v3 (population density)

Jiang, P., Wang, D., & Cao, Y. (2016). Spatiotemporal characteristics of precipitation concentration and their possible links to urban extent in China. *Theoretical and Applied Climatology, 123*(3), 757-768. doi:10.1007/s00704-015-1393-2
Gridded Population of the World (GPW) v3 (unspecified)

Johnson, A., & Arrowsmith, C. (2014). *Techniques for analysing the relationship between population density and geographical features of interest.* Paper presented at the Geospatial Science Research 3 Symposium, Melbourne, Australia.
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (land and geographic unit area grids)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Johnson, A., & Arrowsmith, C. (2015). Techniques for analyzing the relationship between population density and geographical features of interest. *Procedia Environmental Sciences, 27*, 89-93. doi:10.1016/j.proenv.2015.07.116
Gridded Population of the World (GPW) v3 (population density)

Johnston, F. H., Henderson, S. B., Chen, Y., Randerson, J. T., Marlier, M., DeFries, R. S., . . . Brauer, M. (2012). Estimated global mortality attributable to smoke from landscape fires. *Environmental Health Perspectives, 120*(5), 695-701. doi:10.1289/ehp.1104422
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (MISR)

Jones, B., & O'Neill, B. C. (2016). Spatially explicit global population scenarios consistent with the Shared Socioeconomic Pathways. *Environmental Research Letters, 11*(8), 10 pp. doi:10.1088/1748-9326/11/8/084003
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4 (Doxsey-Whitfield et al. paper)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Jones, K. E., Patel, N. G., Levy, M. A., Storeygard, A., Balk, D., Gittleman, J. L., & Daszak, P. (2008). Global trends in emerging infectious diseases. *Nature, 451*(7181), 990-993. doi:10.1038/nature06536
Gridded Population of the World (GPW) v3 (population count)

Joppa, L. N., Loarie, S. R., & Pimm, S. L. (2009). On population growth near protected areas. *PLoS ONE, 4*(1), e4279. doi:10.1371/journal.pone.0004279
Gridded Population of the World (GPW) v3 (africa population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Jorge, M. L. S. P., Galetti, M., Ribeiro, M. C., & Ferraz, K. M. P. M. B. (2013). Mammal defaunation as surrogate of trophic cascades in a biodiversity hotspot. *Biological Conservation, 163*, 49-57. doi:10.1016/j.biocon.2013.04.018
Gridded Population of the World (GPW) v3 (population density)

Joshi, H., Naja, M., Singh, K. P., Kumar, R., Bhardwaj, P., Babu, S. S., . . . Chandola, H. C. (2016). Investigations of aerosol black carbon from a semi-urban site in the Indo-Gangetic Plain region. *Atmospheric Environment, 125*(Part B), 346-359. doi:10.1016/j.atmosenv.2015.04.007
Gridded Population of the World (GPW) v3 (population density)

Jošić, H., & Jošić, M. (2016). Alternative measures of internal distance in estimating home bias in trade: the case of Croatia. *Economic Research-Ekonomska Istraživanja, 29*(1), 380-394. doi:10.1080/1331677X.2016.1169702
Gridded Population of the World (GPW) v3 (national boundaries) map

Jung, H., Merens, M., Valipour, M., Liang, X., Abboud, D., Wen, H. A., . . . Zimmerman, R. (2018). Data-driven decision-making processes, data services and applications for global aviation safety. *ICT Discoveries, 1*(2). Retrieved from https://www.itu.int/en/journal/002/Pages/07.aspx
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Junker, J., Blake, S., Boesch, C., Campbell, G., Toit, L. d., Duvall, C., . . . Kuehl, H. S. (2012). Recent decline in suitable environmental conditions for African great apes. *Diversity and Distributions, 18*(11), 1077-1091. doi:10.1111/ddi.12005
Gridded Population of the World (GPW) v3 (population density)

Jupp, T. E., Taylor, C. M., Balzter, H., & George, C. T. (2006). A statistical model linking Siberian forest fire scars with early summer rainfall anomalies. *Geophysical Research Letters, 33*, L14701. doi:10.1029/2006GL026679
Gridded Population of the World (GPW) v3 (population density)

Kaandorp, M. L. A., Lobelle, D., Kehl, C., Dijkstra, H. A., & van Sebille, E. (2023). Global mass of buoyant marine plastics dominated by large long-lived debris. *Nature Geoscience, 16*(8), 689-694. doi:10.1038/s41561-023-01216-0
Gridded Population of the World (GPW) v3 (population count)

Kaandorp, M. L. A., Ypma, S. L., Boonstra, M., Dijkstra, H. A., & van Sebille, E. (2022). Using machine learning and beach cleanup data to explain litter quantities along the Dutch North Sea coast. *Ocean Science, 18*(1), 269-293. doi:10.5194/os-18-269-2022
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Kamilar, J. M., & Beaudrot, L. (2013). Understanding primate communities: Recent developments and future directions. *Evolutionary Anthropology: Issues, News, and Reviews, 22*(4), 174-185.

doi:10.1002/evan.21361
Gridded Population of the World (GPW) v3 (collection)
Last of the Wild v2 (Human Footprint) collection

Kamp, J., Oppel, S., Ananin, A. A., Durnev, Y. A., Gashev, S. N., Hölzel, N., . . . Chan, S. (2015). Global
        population collapse in a superabundant migratory bird and illegal trapping in China.
        Conservation Biology, 29(6), 1684-1694. doi:10.1111/cobi.12537
Gridded Population of the World (GPW) v3 (population density)

Karagiannis-Voules, D.-A., Scholte, R. G. C., Guimarães, L. H., Utzinger, J., & Vounatsou, P. (2013).
        Bayesian geostatistical modeling of Leishmaniasis incidence in Brazil. *PLoS Neglected Tropical
        Diseases, 7*(5), e2213. doi:10.1371/journal.pntd.0002213
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Global Human Footprint (Geographic))
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Karell, D., & Schutte, S. (2018). Aid, exclusion, and the local dynamics of insurgency in Afghanistan.
        Journal of Peace Research, 55(6), 711-725. doi:10.1177/0022343318777566
Gridded Population of the World (GPW) v3 (population count)

Kark, S., Levin, N., Grantham, H. S., & Possingham, H. P. (2009). Between-country collaboration and
        consideration of costs increase conservation planning efficiency in the Mediterranean Basin.
        Proceedings of the National Academy of Sciences, 106(36), 15368-15373.
        doi:10.1073/pnas.0901001106
Gridded Population of the World (GPW) v3 (population density)
Human Footprint (Sanderson)

Karnauskas, K. B., & Busalacchi, A. J. (2009). The Role of SST in the East Pacific Warm Pool in the
        Interannual Variability of Central American Rainfall. *Journal of Climate, 22*(10), 2605-2623.
        doi:10.1175/2008JCLI2468.1
Gridded Population of the World (GPW) v3 (population density)

Karremann, M. K., Pinto, J. G., Reyers, M., & Klawa, M. (2014). Return periods of losses associated with
        European windstorm series in a changing climate. *Environmental Research Letters, 9*(12),
        124016. doi:10.1088/1748-9326/9/12/124016
Gridded Population of the World (GPW) v3 (population density)

Karremann, M. K., Pinto, J. G., von Bomhard, P. J., & Klawa, M. (2014). On the clustering of winter storm
        loss events over Germany. *Natural Hazards and Earth System Sciences, 14*, 2041-2052.
        doi:10.5194/nhess-14-2041-2014
Gridded Population of the World (GPW) v3 (population density)

Karypidou, M. C., Almpanidou, V., Tompkins, A. M., Mazaris, A. D., Gewehr, S., Mourelatos, S., &
        Katragkou, E. (2020). Projected shifts in the distribution of malaria vectors due to climate
        change. *Climatic Change, 163*, 2117-2133. doi:10.1007/s10584-020-02926-9
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Kaser, G., Großhauser, M., & Marzeion, B. (2010). Contribution potential of glaciers to water availability

in different climate regimes. *Proceedings of the National Academy of Sciences, 107*(47), 20223-20227. doi:10.1073/pnas.1008162107
Gridded Population of the World (GPW) v3 (population count)

Kawada, H., Futami, K., Komagata, O., Kasai, S., Tomita, T., Sonye, G., . . . Takagi, M. (2011). Distribution of a Knockdown Resistance Mutation (L1014S) in *Anopheles gambiae* s.s. and *Anopheles arabiensis* in Western and Southern Kenya. *PLoS ONE, 6*(9), e24323. doi:10.1371/journal.pone.0024323
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (satellite image)

Keefer, P., Neumayer, E., & Plumper, T. (2010). *Earthquake Propensity and the Politics of Mortality Prevention*. Retrieved from Washington DC: http://hdl.handle.net/10986/19863
Gridded Population of the World (GPW) v3 (population density)

Keefer, P., Neumayer, E., & Plümper, T. (2011). Earthquake propensity and the politics of mortality prevention. *World Development, 39*(9), 1530-1541. doi:10.1016/j.worlddev.2011.02.010
Gridded Population of the World (GPW) v3 (population density)

Keels, E., & Greig, J. M. (2023). Fair-weather abusers? Civil war dynamics and the onset of state-sponsored violence. *International Studies Quarterly, 67*(4). doi:10.1093/isq/sqad077
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Keita, S., Liousse, C., Assamoi, E.-M., Doumbia, T., Touré, N. D. E., Gnamien, S., . . . Yoboué, V. (2021). African anthropogenic emissions inventory for gases and particles from 1990 to 2015. *Earth System Science Data, 13*, 3691-3705. doi:10.5194/essd-13-3691-2021
Gridded Population of the World (GPW) v3 (population density future estimates)

Keller, C. A., Brunner, D., Henne, S., Vollmer, M. K., O'Doherty, S., & Reimann, S. (2011). Evidence for under-reported western European emissions of the potent greenhouse gas HFC-23. *Geophysical Research Letters, 38*(15), L15808. doi:10.1029/2011gl047976
Gridded Population of the World (GPW) v3 (population density)

Keller, C. A., Hill, M., Vollmer, M. K., Henne, S., Brunner, D., Reimann, S., . . . Peter, T. (2011). European emissions of halogenated greenhouse gases inferred from atmospheric measurements. *Environmental Science & Technology, 46*(1), 217-225. doi:10.1021/es202453j
Gridded Population of the World (GPW) v3 (population density future estimates)

Keller, V. D. J., Johnson, A. C., & Williams, R. J. (2012). *A global assessment of the temporal and spatial variability of national dilution factors* Paper presented at the 6th SETAC World Congress / SETAC Europe 22nd Annual Meeting. http://nora.nerc.ac.uk/500227/
Gridded Population of the World (GPW) v3 (population count)

Keller, V. D. J., Williams, R. J., Lofthouse, C., & Johnson, A. C. (2014). World-wide estimation of river concentrations of any chemical originating from sewage treatment plants using dilution factors. *Environmental Toxicology and Chemistry, 33*(2), 447-452. doi:10.1002/etc.2441
Gridded Population of the World (GPW) v3 (population count future estimates)

Kelly-Hope, L., Hemingway, J., & McKenzie, F. E. (2009). Environmental factors associated with the malaria vectors Anopheles gambiae and Anopheles funestus in Kenya. *Malaria Journal, 8*(1), 268. doi:10.1186/1475-2875-8-268
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (Landsat)
REMOTE SENSING (NDVI)

Kelly-Hope, L., & McKenzie, F. E. (2009). The multiplicity of malaria transmission: a review of entomological inoculation rate measurements and methods across sub-Saharan Africa. *Malaria Journal, 8*(1), 19. doi:10.1186/1475-2875-8-19
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

Kennedy, K. (2005). Malaria by the Numbers. *NASA: Supporting Earth System Science*. Retrieved from https://earthdata.nasa.gov/featured-stories/featured-research/malaria-numbers
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Keys, P. W., van der Ent, R. J., Gordon, L. J., Hoff, H., Nikoli, R., & Savenije, H. H. G. (2012). Analyzing precipitationsheds to understand the vulnerability of rainfall dependent regions. *Biogeosciences, 9*, 733-746. doi:10.5194/bg-9-733-2012
Gridded Population of the World (GPW) v3 (population count)

Khabarov, N., Krasovskii, A., Obersteiner, M., Swart, R., Dosio, A., San-Miguel-Ayanz, J., . . . Migliavacca, M. (2016). Forest fires and adaptation options in Europe. *Regional Environmental Change, 16*(1), 21-30. doi:10.1007/s10113-014-0621-0
Gridded Population of the World (GPW) v3 (population density)

Khairy, M. A., Muir, D. C. G., Teixeira, C., & Lohmann, R. (2014). Spatial trends, sources and air-water exchange of organochlorine pesticides in the Great Lakes Basin using low density polyethylene passive samplers. *Environmental Science & Technology, 48*(16), 9315-9324. doi:10.1021/es501686a
Gridded Population of the World (GPW) v3 (population count)

Khan, A. U., Jiang, J., Wang, P., & Zheng, Y. (2017). Influences of topographic and socio-economic attributes on the climate sensitivity of global river water quality. *Environmental Research Letters, 12*(10), 104012. doi:10.1088/1748-9326/aa8a33
Gridded Population of the World (GPW) v3 (population density future estimates)

Khan, A. U., Rahman, H. U., Ali, L., Khan, M. I., Khan, H. M., Khan, A. U., . . . Ahmad, I. (2021). Complex linkage between watershed attributes and surface water quality: Gaining insight via path analysis. *Civil Engineering Journal, 7*(4), 701-715. doi:10.28991/cej-2021-03091683
Anthropogenic Biomes of the World (unspecified)
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Kharol, S. K., Martin, R. V., Sajeev, P., Vogel, S., Henze, D. K., Chen, D., . . . Heald, C. L. (2013). Persistent sensitivity of Asian aerosol to emissions of nitrogen oxides. *Geophysical Research Letters, 40*(5),

1021-1026. doi:10.1002/grl.50234
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (Infrared Atmospheric Sounding Interferometer (IASI))

Kii, M., & Nakamura, K. (2015). *Analysis on Global Urban Expansion and its Sensitivity to the Transportation Cost Variation*. Retrieved from Kagawa, Japan: http://www.itec.doshisha-u.jp/03_publication/01_workingpaper/2014/14-06.pdf
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Kii, M., & Nakamura, K. (2017). Development of a suitability model for estimation of global urban land cover. *Transportation Research Procedia, 25*, 3165-3177. doi:10.1016/j.trpro.2017.05.358
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

Kii, M., Nakanishi, H., Nakamura, K., & Doi, K. (2016). Transportation and spatial development: An overview and a future direction. *Transport Policy, 49*, 148-158. doi:10.1016/j.tranpol.2016.04.015
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Socioeconomic Downscaled Projections (collection)

Kilibarda, M., Tadić, M. P., Hengl, T., Luković, J., & Bajat, B. (2015). Global geographic and feature space coverage of temperature data in the context of spatio-temporal interpolation. *Spatial Statistics, 14*(Part A), 22-38. doi:10.1016/j.spasta.2015.04.005
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS LST)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (MERIS GlobCover)

Kim, J., Thompson, R., Park, H., Bogle, S., Mühle, J., Park, M.-K., . . . Weiss, R. F. (2021). Emissions of tetrafluoromethane (CF4) and hexafluoroethane (C2F6) from East Asia: 2008 to 2019. *Journal of Geophysical Research: Atmospheres, 126*(16), e2021JD034888. doi:10.1029/2021JD034888
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

Kim, J. E., Lee, J. H., Lee, H., Moon, S. J., & Nam, E. W. (2021). COVID-19 screening center models in South Korea. *Journal of Public Health Policy, 42*, 15-26. doi:10.1057/s41271-020-00258-7
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Kim, N. C. (2015). *The Origins of Ancient Vietnam: an Archaeological History*. New York: Oxford University Press.
Gridded Population of the World (GPW) v3 (population density) map

Kim, T.-W., Lee, K., Duce, R., & Liss, P. (2014). Impact of atmospheric nitrogen deposition on phytoplankton productivity in the South China Sea. *Geophysical Research Letters, 41*(9), 3156-3162. doi:10.1002/2014gl059665
Gridded Population of the World (GPW) v3 (population density)

Kindermann, G. E., McCallum, I., Fritz, S., & Obersteiner, M. (2008). A global forest growing stock,

biomass and carbon map based on FAO statistics. *Silva Fennica, 42*(3), 387-396. Retrieved from http://www.metla.fi/silvafennica/abs/sa42/sa423387.htm
Gridded Population of the World (GPW) v3 (national boundaries)
Gridded Population of the World (GPW) v3 (population count)
Last of the Wild v1 (Global Human Footprint (Geographic))

Kininmonth, S., Lemm, S., Malone, C., & Hatley, T. (2014). Spatial vulnerability assessment of anchor damage within the Great Barrier Reef World Heritage Area, Australia. *Ocean & Coastal Management, 100*, 20-31. doi:10.1016/j.ocecoaman.2014.07.003
Gridded Population of the World (GPW) v3 (population density)

Kirollos, M., Anning, C., Fylkesnes, G. K., & Denselow, J. (2018). *The War on Children*. Retrieved from London: https://www.savethechildren.net/waronchildren/pdf/waronchildren.pdf
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)

Kirschbaum, D. B., Adler, R., Hong, Y., & Lerner-Lam, A. (2009). Evaluation of a preliminary satellite-based landslide hazard algorithm using global landslide inventories. *Natural Hazards and Earth System Sciences, 9*(3), 673-686. doi:10.5194/nhess-9-673-2009
Gridded Population of the World (GPW) v3 (population density)
Natural Disaster Hotspots (collection)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (TRMM)

Kishcha, P., da Silva, A. M., Starobinets, B., & Alpert, P. (2014). Air pollution over the Ganges Basin and north-west Bay of Bengal in the early post-monsoon seaon based on NASA MERRAero data. *Journal of Geophysical Research: Atmospheres, 119*(3), 1555-1570. doi:10.1002/2013jd020328
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (MERRAero)

Kishcha, P., Starobinets, B., Kalashnikova, O., & Alpert, P. (2011). Aerosol optical thickness trends and population growth in the Indian subcontinent. *International Journal of Remote Sensing, 32*(24), 9137-9149. doi:10.1080/01431161.2010.550333
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)

Kishtawal, C. M., Niyogi, D., Tewari, M., Pielke Sr., R. A., & Shepherd, J. M. (2010). Urbanization signature in the observed heavy rainfall climatology over India. *International Journal of Climatology, 30*(13), 1908-1916. doi:10.1002/joc.2044
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (TRMM)
REMOTE SENSING (DMSP-OLS)

Kjellstrom, T., Freyberg, C., Lemke, B., Otto, M., & Briggs, D. (2018). Estimating population heat exposure and impacts on working people in conjunction with climate change. *International Journal of Biometeorology, 62*(3), 291-306. doi:10.1007/s00484-017-1407-0

Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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NASA REMOTE SENSING (MODIS - MCD12Q1)

Knieper, C., & Pahl-Wostl, C. (2016). A comparative analysis of water governance, water management, and environmental performance in river basins. *Water Resources Management, 30*(7), 2161-2177. doi:10.1007/s11269-016-1276-z
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Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Kok, M. T. J., Lüdeke, M. K. B., Sterzel, T., Lucas, P. L., Walther, C., Janssen, P., & de Soysa, I. (2010). *Quantitative Analysis of Patterns of Vulnerability to Global Environmental Change*. Retrieved from http://www.rivm.nl/bibliotheek/rapporten/550025005.pdf
Gridded Population of the World (GPW) v3 (unspecified)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Kollanus, V., Parnk, M., Gens, A., Soares, J., Vira, J., Kukkonen, J., . . . Lanki, T. (2017). Mortality due to vegetation fire–originated PM2.5 exposure in Europe—assessment for the years 2005 and 2008. *Environmental Health Perspectives, 125*, 30-37. doi:10.1289/EHP194
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NASA REMOTE SENSING (MODIS)

Komarek, A. M., Koo, J., Wood-Sichra, U., & You, L. (2018). Spatially-explicit effects of seed and fertilizer intensification for maize in Tanzania. *Land Use Policy, 78*, 158-165. doi:10.1016/j.landusepol.2018.06.033
Gridded Population of the World (GPW) v3 (collection)

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Springer-Verlag.
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)

Konovalov, I. B., Beekmann, M., Kuznetsova, I. N., Glazkova, A. A., Vasil'eva, A. V., & Zaripov, R. B. (2011). Estimation of the influence that natural fires have on air pollution in the region of Moscow megalopolis based on the combined use of chemical transport model and measurement data. *Izvestiya Atmospheric and Oceanic Physics, 47*(4), 457-467. doi:10.1134/s0001433811040062
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Koo, J., Wang, Q., Henze, D. K., Waitz, I. A., & Barrett, S. R. H. (2013). Spatial sensitivities of human health risk to intercontinental and high-altitude pollution. *Atmospheric Environment, 71*(1), 140-147. doi:10.1016/j.atmosenv.2013.01.025
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Gridded Population of the World (GPW) v3 (unspecified)
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)

Kounina, A., Margni, M., Henderson, A. D., & Jolliet, O. (2019). Global spatial analysis of toxic emissions to freshwater: operationalization for LCA. *The International Journal of Life Cycle Assessment, 24*(3), 501-517. doi:10.1007/s11367-018-1476-2
Gridded Population of the World (GPW) v3 (population density)

Kracalik, I. T., Malania, L., Tsertsvadze, N., Manvelyan, J., Bakanidze, L., Imnadze, P., . . . Blackburn, J. K. (2013). Evidence of local persistence of human anthrax in the country of Georgia associated with environmental and anthropogenic factors. *PLoS Neglected Tropical Diseases, 7*(9), e2388. doi:10.1371/journal.pntd.0002388
Gridded Population of the World (GPW) v3 (unspecified)

Krasovskii, A., Khabarov, N., Migliavacca, M., Kraxner, F., & Obersteiner, M. (2016). Regional aspects of modelling burned areas in Europe. *International Journal of Wildland Fire, 25*(8), 811-818. doi:10.1071/WF15012
Gridded Population of the World (GPW) v3 (population density)

Krekhov, A., Grüninger, J., Schlönvoigt, R., & Krüger, J. (2015). *Towards in situ visualization of extreme-scale, agent-based, worldwide disease-spreading simulations*. Paper presented at the SIGGRAPH Asia 2015 Visualization in High Performance Computing, Kobe, Japan. https://doi.org/10.1145/2818517.2818543
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (unspecified)
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)

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Gridded Population of the World (GPW) v3 (population count future estimates)

Kuhn, S. (2010). *Cost-benefit analysis of ultra-low sulfur jet fuel.* (S.M.). Massachusetts Institute of Technology, Cambridge. Retrieved from http://hdl.handle.net/1721.1/59683
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)

Kumar, R., Barth, M. C., Pfister, G. G., Naja, M., & Brasseur, G. P. (2014). WRF-Chem simulations of a typical pre-monsoon dust storm in northern India: influences on aerosol optical properties and radiation budget. *Atmospheric Chemistry and Physics, 14*(5), 2431-2446. doi:10.5194/acp-14-2431-2014
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (OMI)

Kumar, R., Naja, M., Venkataramani, S., & Wild, O. (2010). Variations in surface ozone at Nainital: A high-altitude site in the central Himalayas. *Journal of Geophysical Research: Atmospheres, 115*(D16), D16302. doi:10.1029/2009jd013715

Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Advanced Along Track Scanning Radiometer (AATSR))

Kummu, M., de Moel, H., Ward, P. J., & Varis, O. (2011). How close do we live to water? A global analysis of population distance to freshwater bodies. *PLoS ONE, 6*(6), e20578. doi:10.1371/journal.pone.0020578
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Kundu, B., Vissa, N. K., & Gahalaut, V. K. (2015). Influence of anthropogenic groundwater unloading in Indo-Gangetic plains on the 25 April 2015 Mw 7.8 Gorkha, Nepal earthquake. *Geophysical Research Letters, 42*(24), 10,607-610,613. doi:10.1002/2015GL066616
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (GRACE)

Kunkel, D., H., T., & Lawrence, M. G. (2013). Aerosol pollution potential from major population centers. *Atmospheric Chemistry and Physics, 13*, 4203-4222. doi:10.5194/acp-13-4203-2013
Gridded Population of the World (GPW) v3 (population count)

Kunwar, B., & Johansson, A. (2015). Measuring disaster preparedness of UK cities from open spatial databases. In M. Chraibi, M. Boltes, A. Schadschneider, & A. Seyfried (Eds.), *Traffic and Granular Flow '13* (pp. 265-271): Springer International Publishing.
Gridded Population of the World (GPW) v3 (population density)

Kunwar, B., Simini, F., & Johansson, A. (2014). Large scale pedestrian evacuation modeling framework using volunteered geographical information. *Transportation Research Procedia, 2*, 813-818. doi:10.1016/j.trpro.2014.09.092
Gridded Population of the World (GPW) v3 (population count future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)

Kurukulasuriya, P., & Mendelsohn, R. O. (2007). *A Ricardian Analysis of the Impact of Climate Change on African Cropland*. Retrieved from Washington DC: http://hdl.handle.net/10986/7508
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

Laakso, L., Vakkari, V., Virkkula, A., Laakso, H., Backman, J., Kulmala, M., . . . Kerminen, V. M. (2012). South African EUCAARI measurements: seasonal variation of trace gases and aerosol optical properties. *Atmospheric Chemistry and Physics, 12*(4), 1847-1864. doi:10.5194/acp-12-1847-2012
Gridded Population of the World (GPW) v3 (population density future estimates)

Labriet, M., Joshi, S. R., Vielle, M., Holden, P. B., Edwards, N. R., Kanudia, A., . . . Babonneau, F. (2015). Worldwide impacts of climate change on energy for heating and cooling. *Mitigation and*

Adaptation Strategies for Global Change, 20(7), 1111-1136. doi:10.1007/s11027-013-9522-7
Gridded Population of the World (GPW) v3 (population count future estimates)

Lacey, F. G., Henze, D. K., Lee, C. J., van Donkelaar, A., & Martin, R. V. (2017). Transient climate and ambient health impacts due to national solid fuel cookstove emissions. *Proceedings of the National Academy of Sciences, 114*(6), 1269-1274. doi:10.1073/pnas.1612430114
Gridded Population of the World (GPW) v3 (population density)

Lacroix, P., Herzog, J., & Eriksson, D. (2011). Mapping populations at risk of ERW. *The Journal of ERW and Mine Action, 15*(2). Retrieved from
http://maic.jmu.edu/journal/15.2/specialrpt/lacroix/lacroix.htm
Gridded Population of the World (GPW) v3 (collection)

Lacroix, P., Herzog, J., Eriksson, D., & Weibel, R. (2013). Methods for visualizing the explosive remnants of war. *Applied Geography, 41*, 179-194. doi:10.1016/j.apgeog.2013.04.007
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

Laghari, A. N., Vanham, D., & Rauch, W. (2012). The Indus basin in the framework of current and future water resources management. *Hydrology and Earth System Sciences, 16*(4), 1063-1083.
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Gridded Population of the World (GPW) v3 (population density)

Lagunas, E., Sharma, S., Maleki, S., Chatzinotas, S., & Ottersten, B. (2015). Resource allocation for cognitive satellite communications with incumbent terrestrial networks. *IEEE Transactions on Cognitive Communications and Networking, 1*(3), 305-317. doi:10.1109/TCCN.2015.2503286
Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)

Lai, Y.-S., Zhou, X.-N., Pan, Z.-H., Utzinger, J., & Vounatsou, P. (2017). Risk mapping of clonorchiasis in the People's Republic of China: A systematic review and Bayesian geostatistical analysis. *PLoS Neglected Tropical Diseases, 11*(3), e0005239. doi:10.1371/journal.pntd.0005239
Gridded Population of the World (GPW) v3 (population count future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
Last of the Wild v2 Global Human Influence Index (Geographic)
NASA REMOTE SENSING (MODIS)

Lakshmanan, V. (2012). Automated Analysis of Spatial Grids: Motivation and Challenges. In *Automating the Analysis of Spatial Grids* (Vol. 6, pp. 1-18): Springer Netherlands.
Gridded Population of the World (GPW) v3 (population density) map

Lal, D. M., Patil, S. D., Singh, H. N., Ghude, S. D., Tiwari, S., & Srivastava, M. K. (2013). Influence of

aerosol on clouds over the Indo-Gangetic Plain, India. *Climate Dynamics, 41*(3-4), 601-612. doi:10.1007/s00382-013-1775-z
Gridded Population of the World (GPW) v3 (population density) map
NASA REMOTE SENSING (TOMS AI)

Lalis, A., Leblois, R., Lecompte, E., Denys, C., ter Meulen, J., & Wirth, T. (2012). The impact of human conflict on the genetics of *Mastomys natalensis* and Lassa virus in West Africa. *PLoS ONE, 7*(5), e37068. doi:10.1371/journal.pone.0037068
Gridded Population of the World (GPW) v3 (population density)

Lamsal, L. N., Martin, R. V., Parrish, D. D., & Krotkov, N. A. (2013). Scaling relationship for NO_2 pollution and urban population size: A satellite perspective. *Environmental Science & Technology, 47*(14), 7855-7861. doi:10.1021/es400744g
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (OMI)

Landis, S. T., Rezaeedaryakenari, B., Zhang, Y., Thies, C. G., & Maciejewski, R. (2017). Fording differences? Conditions mitigating water insecurity in the Niger River Basin. *Political Geography, 56*, 77-90. doi:10.1016/j.polgeo.2016.10.002
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT

Landy, D. C., Gorin, M. A., & O'Connell, M. T. (2011). Student-led rural health fairs: Attempting to improve medical education and access to health care. *Southern Medical Journal, 104*(8), 598-603 510.1097/SMJ.1090b1013e31822580a31822589. doi:10.1097/SMJ.0b013e31822580a9
Gridded Population of the World (GPW) v3 (population density)

Larkin, A., van Donkelaar, A., Geddes, J. A., Martin, R. V., & Hystad, P. (2016). Relationships between changes in urban characteristics and air quality in East Asia from 2000 to 2010. *Environmental Science & Technology, 50*(17), 9142–9149. doi:10.1021/acs.est.6b02549
Gridded Population of the World (GPW) v3 (population density)

Lassalle, G., Crouzet, P., & Rochard, E. (2009). Modelling the current distribution of European diadromous fishes: an approach integrating regional anthropogenic pressures. *Freshwater Biology, 54*(3), 587-606. doi:10.1111/j.1365-2427.2008.02135.x
Gridded Population of the World (GPW) v3 (population density)

Lauerwald, R., Hartmann, J., Moosdorf, N., Dürr, H., & Kempe, S. (2013). Retention of dissolved silica within the fluvial system of the conterminous USA. *Biogeochemistry, 112*(1-3), 637-659. doi:10.1007/s10533-012-9754-8
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

Lauerwald, R., Laruelle, G. G., Hartmann, J., Ciais, P., & Regnier, P. A. G. (2015). Spatial patterns in CO_2 evasion from the global river network. *Global Biogeochemical Cycles, 29*(5), 2014GB004941. doi:10.1002/2014GB004941
Gridded Population of the World (GPW) v3 (population count)

Layberry, R. (2009). Analysis of errors in degree days for building energy analysis using Meteorological Office weather station data. *Building Service Engineering, 30*(1), 79-86. doi:10.1177/0143624408098221
Gridded Population of the World (GPW) v3 (population count)

le Blanc, D., & Perez, R. (2008). The relationship between rainfall and human density and its implications for future water stress in Sub-Saharan Africa. *Ecological Economics, 66*(2–3), 319-336. doi:10.1016/j.ecolecon.2007.09.009
Gridded Population of the World (GPW) v3 (population density)

Le, Q. B., Nkonya, E., & Mirzabaev, A. (2014). *Biomass Productivity-Based Mapping of Global Land Degradation Hotspots*. Retrieved from Bonn: http://www.zef.de/uploads/tx_zefportal/Publications/zef_dp_193.pdf
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR GIMMS NDVI)

Leduc, S., Starfelt, F., Dotzauer, E., Kindermann, G., McCallum, I., Obersteiner, M., & Lundgren, J. (2010). Optimal location of lignocellulosic ethanol refineries with polygeneration in Sweden. *Energy, 35*(6), 2709-2716. doi:10.1016/j.energy.2009.07.018
Gridded Population of the World (GPW) v3 (land and geographic unit area grids)

Lee, C. J., Martin, R. V., Henze, D. K., Brauer, M., Cohen, A., & van Donkelaar, A. (2015). Response of global particulate-matter-related mortality to changes in local precursor emissions. *Environmental Science & Technology, 49*(7), 4335-4344. doi:10.1021/acs.est.5b00873
Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (MISR)

Lee, S., & Mortari, D. (2017). Quasi-equal area subdivision algorithm for uniform points on a sphere with application to any geographical data distribution. *Computers & Geosciences, 103*, 142-151. doi:10.1016/j.cageo.2017.03.012
Global Agricultural Inputs (nitrogen fertilizer application)
Gridded Population of the World (GPW) v3 (population density)

Lee, S., & Younggun, L. (2019). *A study on the design of GNSS using 2-D lattice flower constellation pattern*. Paper presented at the 8th European Conference for Aeronautics and Aerospace Sciences (EUCASS), Madrid. https://doi.org/10.13009/EUCASS2019-180
Gridded Population of the World (GPW) v3 (population density)

Lee, Y. H., Shindell, D. T., Faluvegi, G., & Pinder, R. W. (2016). Potential impact of a US climate policy and air quality regulations on future air quality and climate change. *Atmospheric Chemistry and Physics, 16*, 5323-5342. doi:10.5194/acp-16-5323-2016
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

Leite, J. V., Campos, J. C., Gangkofner, U., Vale, C. G., & Brito, J. C. (2019). Remote sensing indicators and vertebrate biodiversity distribution in global drylands: An assessment with ESA Diversity II products. *Journal of Arid Environments, 166*, 51-59. doi:10.1016/j.jaridenv.2019.03.005
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

NASA REMOTE SENSING (TRMM)
REMOTE SENSING (MERIS)

Leitzell, K. (2010). On shaky ground. *Sensing Our Planet: NASA Earth Science Research Features*. Retrieved from https://earthdata.nasa.gov/featured-stories/featured-research/shaky-ground
Gridded Population of the World (GPW) v3 (collection)

Leitzell, K. (2012). Prosperity Shining. *Sensing Our Planet: NASA Earth Science Research Features,* 28-31. Retrieved from https://earthdata.nasa.gov/featured-stories/featured-research/prosperity-shining
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Lelieveld, J., Barlas, C., Giannadaki, D., & Pozzer, A. (2013). Model calculated global, regional and megacity premature mortality due to air pollution. *Atmospheric Chemistry and Physics, 13*(14), 7023-7037. doi:10.5194/acp-13-7023-2013
Gridded Population of the World (GPW) v3 (population density future estimates)

Lelieveld, J., Evans, J. S., Fnais, M., Giannadaki, D., & Pozzer, A. (2015). The contribution of outdoor air pollution sources to premature mortality on a global scale. *Nature, 525*(7569), 367-371. doi:10.1038/nature15371
Gridded Population of the World (GPW) v3 (population density)

Lelieveld, J., Kunkel, D., & Lawrence, M. G. (2012). Global risk of radioactive fallout after major nuclear reactor accidents. *Atmospheric Chemistry and Physics, 12*(9), 4245-4258. doi:10.5194/acp-12-4245-2012
Gridded Population of the World (GPW) v3 (population density)

Lerner-Lam, A. (2007). Assessing global exposure to natural hazards: Progress and future trends. *Environmental Hazards, 7*(1), 10-19. doi:10.1016/j.envhaz.2007.04.007
Gridded Population of the World (GPW) v3 (unspecified)
Natural Disaster Hotspots (collection)

Lerot, C., Stavrakou, T., De Smedt, I., Müller, J.-F., & Van Roozendael, M. (2010). Glyoxal vertical columns from GOME-2 backscattered light measurements and comparisons with a global model. *Atmospheric Chemistry and Physics, 10*, 12059-12072. doi:10.5194/acp-10-12059-2010
Gridded Population of the World (GPW) v3 (population density future estimates)
REMOTE SENSING (GOME-2/METOP-A)
REMOTE SENSING (SCIAMACHY)

Lessmann, C., & Seidel, A. (2017). Regional inequality, convergence, and its determinants – a view from outer space. *European Economic Review, 92*, 110-132. doi:10.1016/j.euroecorev.2016.11.009
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Letouze, E. F. (2016). *Applications and Implications of Big Data for Demo-economic Analysis: The Case of Call-detail Records.* (Ph.D.). University of California, Berkeley, Berkeley. Retrieved from http://search.proquest.com/docview/1873863829/abstract/52A2ADE3CFBC4D0APQ/1?

Gridded Population of the World (GPW) v3 (population count)

Levi, L., Cvetkovic, V., & Destouni, G. (2018). Data-driven analysis of nutrient inputs and transfers through nested catchments. *Science of The Total Environment, 610*, 482-494. doi:10.1016/j.scitotenv.2017.08.003
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (population density)

Levin, T., & Thomas, V. (2013). A mixed-integer optimization model for electricity infrastructure development. *Energy Systems, 4*(1), 79-98. doi:10.1007/s12667-012-0067-8
Gridded Population of the World (GPW) v3 (unspecified)

Leyk, S., Uhl, J. H., Balk, D., & Jones, B. (2018). Assessing the accuracy of multi-temporal built-up land layers across rural-urban trajectories in the United States. *Remote Sensing of Environment, 204*, 898-917. doi:10.1016/j.rse.2017.08.035
Gridded Population of the World (GPW) v2 (collection)
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Lezzaik, K., & Milewski, A. (2018). A quantitative assessment of groundwater resources in the Middle East and North Africa region. *Hydrogeology Journal, 26*(1), 251-266. doi:10.1007/s10040-017-1646-5
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (GRACE)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (Global Land Data Assimilation System (GLDAS))

Li, C., Hsu, N. C., Sayer, A. M., Krotkov, N. A., Fu, J. S., Lamsal, L. N., . . . Tsay, S.-C. (2016). Satellite observation of pollutant emissions from gas flaring activities near the Arctic. *Atmospheric Environment, 133*, 1-11. doi:10.1016/j.atmosenv.2016.03.019
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (Black Marble)
NASA REMOTE SENSING (OMI NO2)
NASA REMOTE SENSING (MODIS Aerosol Optical Thickness)

Li, F., & Lawrence, D. M. (2017). Role of fire in the global land water budget during the 20th century due to changing ecosystems. *Journal of Climate, 30*(6), 1893-1908. doi:10.1175/JCLI-D-16-0460.1
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Li, F., Lawrence, D. M., & Bond-Lamberty, B. (2017). Impact of fire on global land surface air temperature and energy budget for the 20th century due to changes within ecosystems. *Environmental Research Letters, 12*(4), 044014. doi:10.1088/1748-9326/aa6685
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (CERES)

Li, F., Levis, S., & Ward, D. S. (2013). Quantifying the role of fire in the Earth system – Part 1: Improved global fire modeling in the Community Earth System Model (CESM1). *Biogeosciences, 10*,

2293-2013. doi:10.5194/bg-10-2293-2013
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Li, F., Zeng, X. D., & Levis, S. (2012). A process-based fire parameterization of intermediate complexity in a Dynamic Global Vegetation Model. *Biogeosciences, 9*, 2761-2780. doi:10.5194/bg-9-2761-2012
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (LIS)

Li, G., Liu, C., Liu, Y., Yang, J., Zhang, X., & Guo, K. (2012). Effects of climate, disturbance and soil factors on the potential distribution of Liaotung oak (*Quercus wutaishanica* Mayr) in China. *Ecological Research, 27*(2), 427-436. doi:10.1007/s11284-011-0914-4
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Human Footprint)

Li, H.-F., Fujisaki, I., & Su, N.-Y. (2013). Predicting habitat suitability of *Coptotermes gestroi* (Isoptera: Rhinotermitidae) with species distribution models. *Journal of Economic Entomology, 106*(1), 311-321. doi:10.1603/ec12309
Gridded Population of the World (GPW) v3 (population density)

Li, J., Xiong, G., Xu, W., & Xie, Z. (2016). Distribution of shrublands in relation to soil and climate in mid-subtropical China. *Journal of Plant Ecology, 9*(4), 393-401. doi:10.1093/jpe/rtv070
Gridded Population of the World (GPW) v3 (population density)

Li, L., & Lu, D. (2016). Mapping population density distribution at multiple scales in Zhejiang Province using Landsat Thematic Mapper and census data. *International Journal of Remote Sensing, 37*(18), 4243-4260. doi:10.1080/01431161.2016.1212422
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)
REMOTE SENSING (Landsat)

Li, M., Zhang, D., Li, C.-T., Mulvaney, K. M., Selin, N. E., & Karplus, V. J. (2018). Air quality co-benefits of carbon pricing in China. *Nature Climate Change, 8*(5), 398-403. doi:10.1038/s41558-018-0139-4
Gridded Population of the World (GPW) v3 (population count future estimates)

Li, M., Zhang, D., Li, C.-T., Selin, N. E., & Karplus, V. (2019). Co-benefits of China's climate policy for air quality and human health in China and transboundary regions in 2030. *Environmental Research Letters, 14*(8), 084006. doi:10.1088/1748-9326/ab26ca
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

Li, Q., Xu, B., Ma, Y., & Chung, T. (2016). *Real-time monitoring and forecast of active population density using mobile phone data.* Paper presented at the Big Data Technology and Applications: First National Conference, BDTA 2015, Harbin, China, December 25-26, 2015. Proceedings, Singapore.
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)

Li, S., Otto, F. E. L., Harrington, L. J., Sparrow, S. N., & Wallom, D. (2020). A pan-South-America assessment of avoided exposure to dangerous extreme precipitation by limiting to 1.5 °C

warming. *Environmental Research Letters, 15*(5), 054005. doi:10.1088/1748-9326/ab50a2
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Li, X., Si, Y., Ji, L., & Gong, P. (2017). Dynamic response of East Asian Greater White-fronted Geese to changes of environment during migration: Use of multi-temporal species distribution model. *Ecological Modelling, 360*, 70-79. doi:10.1016/j.ecolmodel.2017.06.004
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS - MOD13A3)
NASA REMOTE SENSING (MODIS - MOD09Q1)
NASA REMOTE SENSING (SRTM)

Li, X., & Takeuchi, W. (2016). Analysis of land cover change and rainfall on the global land surface water coverage database for 1987-2015. *IOP Conference Series: Earth and Environmental Science, 37*(1), 8 pp. doi:10.1088/1755-1315/37/1/012066
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (AVHRR)
REMOTE SENSING (SPOT-4)

Li, X., Zhou, Y., Shen, F., Kuang, R., Wu, W., & Zheng, Z. (2012). A Decision Support Framework for the Risk Assessment of Coastal Erosion in the Yangtze Delta. In W. Shi, A. G. O. Yeh, Y. Leung, & C. Zhou (Eds.), *Advances in Spatial Data Handling and GIS* (pp. 213-226): Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v3 (population density future estimates)

Li, Y., Fang, W., & Duan, X. (2019). On the driving forces of historical changes in the fatalities of tropical cyclone disasters in China from 1951 to 2014. *Natural Hazards, 98*(2), 507-533. doi:10.1007/s11069-019-03712-2
Gridded Population of the World (GPW) v3 (population count)

Li, Y., Wang, Y., Zhang, Y., Zhou, X., & Sun, H. (2021). Impact of economic development levels on the mortality rates of Asian earthquakes. *International Journal of Disaster Risk Reduction, 62*, 102409. doi:10.1016/j.ijdrr.2021.102409
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4 (population count UN WPP-adjusted)

Liang, S., Li, X., Teng, Y., Fu, H., Chen, L., Mao, J., . . . Azzi, M. (2019). Estimation of health and economic benefits based on ozone exposure level with high spatial-temporal resolution by fusing satellite and station observations. *Environmental Pollution, 255*, 113267. doi:10.1016/j.envpol.2019.113267
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (OMI)

Liang, X., Aggarwal, R., Cherif, A., Gumel, A., Mascaro, G., & Maciejewski, R. (2016). *Visualizing malaria spread under climate variability*. Paper presented at the EnvirVis 2016: Visualization in Environmental Sciences, Groningen, Netherlands. http://www.informatik.uni-leipzig.de/bsv/envirvis2016/content/program
http://rmaciejewski.faculty.asu.edu/papers/2016/Xing-Enviro-Malaria.pdf

Gridded Population of the World (GPW) v3 (population density)

Liao, Z., Gao, M., Sun, J., & Fan, S. (2017). The impact of synoptic circulation on air quality and pollution-related human health in the Yangtze River Delta region. *Science of The Total Environment, 607–608*, 838-846. doi:10.1016/j.scitotenv.2017.07.031

Gridded Population of the World (GPW) v3 (population count)

Lichter, M., Vafeidis, A. T., Nicholls, R. J., & Kaiser, G. (2011). Exploring data-related uncertainties in analyses of land area and population in the "Low-Elevation Coastal Zone" (LECZ). *Journal of Coastal Research, 27*(4), 757-768. doi:10.2112/jcoastres-d-10-00072.1

Gridded Population of the World (GPW) v1
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) alpha (population count)
NASA REMOTE SENSING (SRTM)

Lieske, D. J., Pollard, B., Gloutney, M., Milton, R., Connor, K., Dibblee, R., . . . Howerter, D. (2012). The importance of agricultural landscapes as key nesting habitats for the American Black Duck in Maritime Canada. *Waterbirds, 35*(4), 525-534. doi:10.1675/063.035.0403

Gridded Population of the World (GPW) v3 (population density)

Likhvar, V. N., Pascal, M., Markakis, K., Colette, A., Hauglustaine, D., Valari, M., . . . Kinney, P. L. (2015). A multi-scale health impact assessment of air pollution over the 21st century. *Science of The Total Environment, 514*, 439-449. doi:10.1016/j.scitotenv.2015.02.002

Gridded Population of the World (GPW) v3 (population density)

Lim, J., Kang, M., & Jung, C. (2019). Effect of national-level spatial distribution of cities on national transport CO2 emissions. *Environmental Impact Assessment Review, 77*, 162-173. doi:10.1016/j.eiar.2019.04.006

Gridded Population of the World (GPW) v3 (unspecified)
Gridded Population of the World (GPW) v4 (unspecified)

Lim, W. H., Yamazaki, D., Koirala, S., Hirabayashi, Y., Kanae, S., Dadson, S. J., . . . Sun, F. (2018). Long-term changes in global socioeconomic benefits of flood defenses and residual risk based on CMIP5 climate models. *Earth's Future, 6*(7), 938-954. doi:10.1002/2017EF000671

Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Lin, H.-W., Jin, Y., Giglio, L., Foley, J. A., & Randerson, J. T. (2012). Evaluating greenhouse gas emissions inventories for agricultural burning using satellite observations of active fires. *Ecological Applications, 22*(4), 1345-1364. doi:10.1890/10-2362.1

Gridded Population of the World (GPW) v3 (national boundaries)
NASA REMOTE SENSING (MODIS)

Lin, J., Pan, D., Davis, S. J., Zhang, Q., He, K., Wang, C., . . . Guan, D. (2014). China's international trade and air pollution in the United States. *Proceedings of the National Academy of Sciences, 111*(5), 1736-1741. doi:10.1073/pnas.1312860111

Gridded Population of the World (GPW) v3 (population density)

Linard, C., Gilbert, M., Snow, R. W., Noor, A. M., & Tatem, A. J. (2012). Population distribution,

settlement patterns and accessibility across Africa in 2010. *PLoS ONE, 7*(2), e31743. doi:10.1371/journal.pone.0031743
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
REMOTE SENSING (MERIS GlobCover)

Linard, C., Gilbert, M., & Tatem, A. J. (2011). Assessing the use of global land cover data for guiding large area population distribution modelling. *GeoJournal, 76*(5), 525-538. doi:10.1007/s10708-010-9364-8
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (AVHRR)
REMOTE SENSING (MERIS GlobCover)

Linard, C., Kabaria, C. W., Gilbert, M., Tatem, A. J., Gaughan, A. E., Stevens, F. R., . . . Snow, R. W. (2017). Modelling changing population distributions: an example of the Kenyan Coast, 1979–2009. *International Journal of Digital Earth, 10*(10), 1017-1029. doi:10.1080/17538947.2016.1275829
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (Doxsey-Whitfield et al. paper)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (Landsat)

Linard, C., & Tatem, A. J. (2012). Large-scale spatial population databases in infectious disease research. *International Journal of Health Geographics, 11*(7). doi:10.1186/1476-072X-11-7
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Lindberg, F., Grimmond, C. S. B., Yogeswaran, N., Kotthaus, S., & Allen, L. (2013). Impact of city changes and weather on anthropogenic heat flux in Europe 1995–2015. *Urban Climate, 4*, 1-15. doi:10.1016/j.uclim.2013.03.002
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (population density)

Ling, S. D., Davey, A., Reeves, S. E., Gaylard, S., Davies, P. L., Stuart-Smith, R. D., & Edgar, G. J. (2018). Pollution signature for temperate reef biodiversity is short and simple. *Marine Pollution Bulletin, 130*, 159-169. doi:10.1016/j.marpolbul.2018.02.053
Gridded Population of the World (GPW) v3 (population density)

Ling, S. D., Sinclair, M., Levi, C. J., Reeves, S. E., & Edgar, G. J. (2017). Ubiquity of microplastics in coastal seafloor sediments. *Marine Pollution Bulletin, 121*(1-2), 104-110. doi:10.1016/j.marpolbul.2017.05.038
Gridded Population of the World (GPW) v3 (population density)

Linke, A. M. (2021). Post-election violence in Kenya: leadership legacies, demography and motivations. *Territory, Politics, Governance, 6*(2), ogaa021. doi:10.1080/21622671.2020.1757503
Gridded Population of the World (GPW) v3 (population count)

Linke, A. M., Schutte, S., & Buhaug, H. (2015). Population attitudes and the spread of political violence in Sub-Saharan Africa. *International Studies Review, 17*(1), 26-45. doi:10.1111/misr.12203
Gridded Population of the World (GPW) v3 (population count)

Linke, A. M., Witmer, F. D. W., Holland, E. C., & O'Loughlin, J. (2017). Mountainous terrain and civil wars: Geospatial analysis of conflict dynamics in the post-Soviet Caucasus. *Annals of the American Association of Geographers, 107*(2), 520-535. doi:10.1080/24694452.2016.1243038
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (Landsat)

Lins-de-Barros, F. M., & Muehe, D. (2010). Avaliação local da vulnerabilidade e riscos de inundação na zona costeira da Região dos Lagos, Rio de Janeiro. *Quaternary and Environmental Geosciences, 2*(1), 55-66.
Gridded Population of the World (GPW) v3 (unspecified)

Liousse, C., Assamoi, E., Criqui, P., Granier, C., & Rosset, R. (2014). Explosive growth in African combustion emissions from 2005 to 2030. *Environmental Research Letters, 9*(3), 035003. doi:10.1088/1748-9326/9/3/035003
Gridded Population of the World (GPW) v3 (population count future estimates)

Liu, J., Ma, K., Ciais, P., & Polasky, S. (2016). Reducing human nitrogen use for food production. *Scientific Reports, 6*(30104), 14 pp. doi:10.1038/srep30104
Gridded Population of the World (GPW) v3 (population count)

Liu, J., Mauzerall, D. L., & Horowitz, L. W. (2009). Evaluating inter-continental transport of fine aerosols:(2) Global health impact. *Atmospheric Environment, 43*(28), 4339-4347. doi:10.1016/j.atmosenv.2009.05.032
Gridded Population of the World (GPW) v3 (population count)

Liu, J., Wen, J., Huang, Y., Shi, M., Meng, Q., Ding, J., & Xu, H. (2013). Human settlement and regional development in the context of climate change: a spatial analysis of low elevation coastal zones in China. *Mitigation and Adaptation Strategies for Global Change*, 1-20. doi:10.1007/s11027-013-9506-7
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (ASTER GDEM)

Liu, J., Zang, C., Tian, S., Liu, J., Yang, H., Jia, S., . . . Zhang, M. (2013). Water conservancy projects in China: Achievements, challenges and way forward. *Global Environmental Change, 23*(3), 633-643. doi:10.1016/j.gloenvcha.2013.02.002
Gridded Population of the World (GPW) v3 (population count)

Liu, S., Poccia, S., Candan, K. S., Chowell, G., & Sapino, M. L. (2016). epiDMS: Data management and analytics for decision-making from epidemic spread simulation ensembles. *Journal of Infectious Diseases, 214*(suppl 4), S427-S432. doi:10.1093/infdis/jiw305
Gridded Population of the World (GPW) v3 (collection)

Liu, X., Keller, V., Dumont, E. L., Shi, J., & Johnson, A. C. (2015). The risk of endocrine disruption to fish in

the Yellow River catchment in China assessed using a spatially-explicit model. *Environmental Toxicology and Chemistry, 34*(12), 2870-2877. doi:10.1002/etc.3133
Gridded Population of the World (GPW) v3 (population density future estimates)

Liu, X., Li, X., Liu, Z., Tingley, R., Kraus, F., Guo, Z., & Li, Y. (2014). Congener diversity, topographic heterogeneity and human-assisted dispersal predict spread rates of alien herpetofauna at a global scale. *Ecology Letters, 17*(7), 821-829. doi:10.1111/ele.12286
Gridded Population of the World (GPW) v3 (population density)

Liu, X., Wang, Y., Costanza, R., Kubiszewski, I., Xu, N., Yuan, M., & Geng, R. (2019). The value of China's coastal wetlands and seawalls for storm protection. *Ecosystem Services, 36*, 100905. doi:10.1016/j.ecoser.2019.100905
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (Landsat)

Liu, Z., Ma, T., Du, Y., Pei, T., Yi, J., & Peng, H. (2018). Mapping hourly dynamics of urban population using trajectories reconstructed from mobile phone records. *Transactions in GIS, 22*(2), 494-513. doi:10.1111/tgis.12323
Gridded Population of the World (GPW) v2 (Deichmann, Balk, & Yetman 2001)
Gridded Population of the World (GPW) v3 (Balk and Yetman 2004)
Gridded Population of the World (GPW) v4 (Doxsey-Whitfield et al. paper)

Lloyd, C. T., Chamberlain, H., Kerr, D., Yetman, G., Pistolesi, L., Stevens, F. R., . . . Tatem, A. J. (2019). Global spatio-temporally harmonised datasets for producing high-resolution gridded population distribution datasets. *Big Earth Data, 3*(2), 108-139. doi:10.1080/20964471.2019.1625151
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Gridded Population of the World (GPW) v4 (data quality indicators) - 10.7927/H49C6VBN
Gridded Population of the World (GPW) v4.11 (national identifier grid)
Gridded Population of the World (GPW) v4 (population density UN WPP-adjusted) - 10.7927/H4HX19NJ
Global Rural-Urban Mapping Project (GRUMP) v1 (population density) - 10.7927/H4R20Z93
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (VIIRS Cloud Mask)

Loos, S., Middelkoop, H., van der Perk, M., & van Beek, R. (2009). Large scale nutrient modelling using globally available datasets: A test for the Rhine basin. *Journal of Hydrology, 369*(3-4), 403-415. doi:10.1016/j.jhydrol.2009.02.019
Gridded Population of the World (GPW) v3 (population count)

Lotsch, A. (2007). *Sensitivity of Cropping Patterns in Africa to Transient Climate Change*. Retrieved from Washington DC: http://hdl.handle.net/10986/7480
Gridded Population of the World (GPW) v3 (population density)

Loubet, P., Roux, P., Nunez, M., Belaud, G., & Bellon-Maurel, V. (2013). Assessing water deprivation at the sub-river basin scale in LCA integrating downstream cascade effects. *Environmental Science & Technology, 47*(24), 14242-14249. doi:10.1021/es403056x
Gridded Population of the World (GPW) v3 (population density)

Loyola, R. D., Oliveira-Santos, L. G. R., Almeida-Neto, M., Nogueira, D. M., Kubota, U., Diniz-Filho, J. A. F., & Lewinsohn, T. M. (2009). Integrating economic costs and biological traits into global conservation priorities for carnivores. *PLoS ONE, 4*(8), e6807. doi:10.1371/journal.pone.0006807
Gridded Population of the World (GPW) v3 (population density)

Lu, Y., Wang, H., Wang, Q. g., Zhang, Y., Yu, Y., & Qian, Y. (2017). Global anthropogenic heat emissions from energy consumption, 1965–2100. *Climatic Change, 145*(3-4), 459-468. doi:10.1007/s10584-017-2092-z
Gridded Population of the World (GPW) v3 (population density)

Lund, B., Schmidt, P., Hossein Shomali, Z., & Roth, M. (2021). The modern Swedish National Seismic Network: Two decades of intraplate microseismic observation. *Seismological Research Letters, 92*(3), 1747-1758. doi:10.1785/0220200435
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Lunde, T., Korecha, D., Loha, E., Sorteberg, A., & Lindtjorn, B. (2013). A dynamic model of some malaria-transmitting anopheline mosquitoes of the Afrotropical region. I. Model description and sensitivity analysis. *Malaria Journal, 12*(1), 28. doi:10.1186/1475-2875-12-28
Gridded Population of the World (GPW) v3 (population density future estimates)

Lung, T., Lübker, T., Ngochoch, J. K., & Schaab, G. (2013). Human population distribution modelling at regional level using very high resolution satellite imagery. *Applied Geography, 41*, 36-45. doi:10.1016/j.apgeog.2013.03.002
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (Quickbird)

Lwin, N., Sukumal, N., & Savini, T. (2021). Modelling the conservation status of the threatened hoolock gibbon (genus *Hoolock*) over its range. *Global Ecology and Conservation, 29*, e01726. doi:10.1016/j.gecco.2021.e01726
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT

Ma, R., Li, K., Guo, Y., Zhang, B., Zhao, X., Linder, S., . . . Meng, J. (2021). Mitigation potential of global ammonia emissions and related health impacts in the trade network. *Nature Communications, 12*(1), 6308. doi:10.1038/s41467-021-25854-3
Gridded Population of the World (GPW) v3 (population density)

Ma, T., Zhou, C., & Pei, T. (2012). Simulating and estimating tempo-spatial patterns in global human appropriation of net primary production (HANPP): A consumption-based approach. *Ecological Indicators, 23*, 660-667. doi:10.1016/j.ecolind.2012.05.026
Gridded Population of the World (GPW) v3 (population density)
Human Appropriation of Net Primary Productivity (HANPP) (collection)

Ma, W., Liang, J., Cumming, J. R., Lee, E., Welsh, A. B., Watson, J. V., & Zhou, M. (2016). Fundamental shifts of central hardwood forests under climate change. *Ecological Modelling, 332*, 28-41. doi:10.1016/j.ecolmodel.2016.03.021
Gridded Population of the World (GPW) v3 (population density)

Ma, Y., Xu, W., Zhao, X., & Li, Y. (2017). Modeling the hourly distribution of population at a high spatiotemporal resolution using subway smart card data: A case study in the central area of Beijing. *ISPRS International Journal of Geo-Information, 6*(5), 18pp. doi:10.3390/ijgi6050128
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Macdonald, B. N. J. (2020). *Room to Move: Political Accountability of "Lawmakers" in the Kenya National Assembly, 1998-2019.* (Ph.D.). Stanford University, Retrieved from https://searchworks.stanford.edu/view/13680879
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v4 (population density)
REMOTE SENSING (DMSP-OLS)

Macharia, D., Grimsditch, G., Abdulla, A., & Obura, D. (2016). Mapping factors that contribute to coral reef resilience using *in situ* and satellite data in East Africa. In S. Diop, P. Scheren, & J. Ferdinand Machiwa (Eds.), *Estuaries: A Lifeline of Ecosystem Services in the Western Indian Ocean* (pp. 259-276). Cham: Springer International Publishing.
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MODIS)

Mackenzie, C. A., & Ahabyona, P. (2012). Elephants in the garden: Financial and social costs of crop raiding. *Ecological Economics, 75*, 72-82. doi:10.1016/j.ecolecon.2011.12.018
Gridded Population of the World (GPW) v3 (population density)

Madani, N., Kimball, J. S., Ballantyne, A. P., Affleck, D. L. R., van Bodegom, P. M., Reich, P. B., . . . Running, S. W. (2018). Future global productivity will be affected by plant trait response to climate. *Scientific Reports, 8*(1), 10pp. doi:10.1038/s41598-018-21172-9
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (MODIS)

Madaniyazi, L., Guo, Y., Yu, W., & Tong, S. (2015). Projecting future air pollution-related mortality under a changing climate: progress, uncertainties and research needs. *Environment International, 75*, 21-32. doi:10.1016/j.envint.2014.10.018
Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (unspecified)

Maes, J., Vliegen, J., Van de Vel, K., Janssen, S., Deutsch, F., De Ridder, K., & Mensink, C. (2009). Spatial surrogates for the disaggregation of CORINAIR emission inventories. *Atmospheric Environment, 43*(6), 1246-1254. doi:10.1016/j.atmosenv.2008.11.040
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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (ASTER GDEM)

Magory Cohen, T., Major, R. E., Kumar, R. S., Nair, M., Ewart, K. M., Hauber, M. E., & Dor, R. (2021). Rapid morphological changes as agents of adaptation in introduced populations of the common myna (*Acridotheres tristis*). *Evolutionary Ecology, 35*, 443-462. doi:10.1007/s10682-021-10107-y
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (ASTER GDEM)

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Gridded Population of the World (GPW) v3 (population count)

Maimon, E. P., Peritz, J. H., & Blake Yancey, K. (2008). *The Brief McGraw-Hill Handbook*: McGraw-Hill.
Gridded Population of the World (GPW) v3 (population density)

Maina, J., Jones, K., Hicks, C., McClanahan, T., Watson, J., Tuda, A., & Andréfouët, S. (2015). Designing climate-resilient marine protected area networks by combining remotely sensed coral reef habitat with coastal multi-use maps. *Remote Sensing, 7*(12), 16571-16587. doi:10.3390/rs71215849
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (QuickBird)

Mainali, K. P., Warren, D. L., Dhileepan, K., McConnachie, A., Strathie, L., Hassan, G., . . . Parmesan, C. (2015). Projecting future expansion of invasive species: comparing and improving methodologies for species distribution modeling. *Global Change Biology, 21*(12), 4464-4480. doi:10.1111/gcb.13038
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Gridded Population of the World (GPW) v3
Last of the Wild v2 Global Human Influence Index (Geographic)

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Malek, Ž., Verburg, P. H., Geijzendorffer, I. R., Bondeau, A., & Cramer, W. (2018). Global change effects on land management in the Mediterranean region. *Global Environmental Change, 50*, 238-254. doi:10.1016/j.gloenvcha.2018.04.007

Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v4 (population density)

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use change in the Mediterranean region. In *Environmental Change and Human Security:
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Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (AVHRR)

Malley, C. S., Kuylenstierna, J. C. I., Vallack, H. W., Henze, D. K., Blencowe, H., & Ashmore, M. R. (2017).
Preterm birth associated with maternal fine particulate matter exposure: A global, regional and
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Gridded Population of the World (GPW) v3 (population count)

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Indo-Gangetic Plain. *Environmental Monitoring and Assessment, 186*(2), 1295-1310.
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Gridded Population of the World (GPW) v3 (population density future estimates) map
NASA REMOTE SENSING (OMI)

Mallya, G., Mishra, V., Niyogi, D., Tripathi, S., & Govindaraju, R. S. (2016). Trends and variability of
droughts over the Indian monsoon region. *Weather and Climate Extremes, 12*, 43-68.
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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (DMSP-OLS)

Mamo, N., Bhattacharyya, S., & Moradi, A. (2019). Intensive and extensive margins of mining and
development: Evidence from Sub-Saharan Africa. *Journal of Development Economics, 139*,
28-49. doi:10.1016/j.jdeveco.2019.02.001
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (DMSP-OLS)

Manacorda, M., & Tesei, A. (2016). *Liberation Technology: Mobile Phones and Political Mobilization in
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Global Rural-Urban Mapping Project (GRUMP) v1 (settelment points)
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Manacorda, M., & Tesei, A. (2020). Liberation technology: Mobile phones and political mobilization in Africa. *Econometrica, 88*(2), 533-567. doi:10.3982/ecta14392
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
NASA REMOTE SENSING (LIS)
NASA REMOTE SENSING (OTD)
REMOTE SENSING (DMSP-OLS)

Manjarrés-Hernández, A. M., Guisande, C., García-Roselló, E., Pelayo-Villamil, P., González-Dacosta, J., Heine, J., . . . Lobo, J. M. (2018). A procedure to assess the spatial variability in the importance of abiotic factors affecting distributions: the case of world freshwater fishes. *Current Zoology, 64*(5), 549-557. doi:10.1093/cz/zox063
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

Mankin, J. S., Viviroli, D., Mekonnen, M. M., Hoekstra, A. Y., Horton, R. M., Smerdon, J. E., & Diffenbaugh, N. S. (2017). Influence of internal variability on population exposure to hydroclimatic changes. *Environmental Research Letters, 12*(4), 11pp. doi:10.1088/1748-9326/aa5efc
Gridded Population of the World (GPW) v3 (population count future estimates)

Mankin, J. S., Viviroli, D., Singh, D., Hoekstra, A. Y., & Diffenbaugh, N. S. (2015). The potential for snow to supply human water demand in the present and future. *Environmental Research Letters, 10*(11), 114016. doi:10.1088/1748-9326/10/11/114016
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

Marais, E. A., Jacob, D. J., Wecht, K., Lerot, C., Zhang, L., Yu, K., . . . Sauvage, B. (2014). Anthropogenic emissions in Nigeria and implications for atmospheric ozone pollution: a view from space. *Atmospheric Environment, 99*, 32-40. doi:10.1016/j.atmosenv.2014.09.055
Gridded Population of the World (GPW) v3 (population density) map
NASA REMOTE SENSING (OMI)
NASA REMOTE SENSING (AIRS)
NASA REMOTE SENSING (MODIS Active Fires)
REMOTE SENSING (SCIAMACHY)
REMOTE SENSING (GOME-2)

Marguta, R., & Parisi, A. (2015). Impact of human mobility on the periodicities and mechanisms underlying measles dynamics. *Journal of the Royal Society Interface, 12*(104), 20141317. doi:10.1098/rsif.2014.1317
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Marguta, R., & Parisi, A. (2016). *Human mobility and the dynamics of measles in large geographical areas.* Paper presented at the Proceedings of ECCS 2014: European Conference on Complex Systems.
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Marlier, M. E., DeFries, R. S., Voulgarakis, A., Kinney, P. L., Randerson, J. T., Shindell, D. T., . . . Faluvegi, G. (2013). El Niño and health risks from landscape fire emissions in southeast Asia. *Nature Climate Change, 3*(5), 131-136. doi:10.1038/nclimate1658
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)
NASA GISS PUCCINI GCM

Marlier, M. E., Voulgarakis, A., Shindell, D. T., Faluvegi, G., Henry, C. L., & Randerson, J. T. (2014). The role of temporal evolution in modeling atmospheric emissions from tropical fires. *Atmospheric Environment, 89*, 158-165. doi:10.1016/j.atmosenv.2014.02.039
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (MISR)

Marques, A. C., & Carranza, A. (2013). Politics should walk with science towards protection of the oceans. *Marine Pollution Bulletin, 75*(1-2), 1-3. doi:10.1016/j.marpolbul.2013.07.059
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Gridded Population of the World (GPW) v3 (population density)

Martínez-Calderas, J. M., Hernández-Saintmartín, A. D., Rosas-Rosas, O. C., Palacio-Núñez, J., Villordo-Galván, J. A., & Olivera-Méndez, A. (2016). Potential distribution of margay (*Leopardus wiedii*, Schinz, 1821) in Northeastern Mexico. *Therya, 7*(2), 241-255. Retrieved from http://132.248.10.25/therya/index.php/THERYA/article/view/360
Gridded Population of the World (GPW) v3 (unspecified)

Martínez-Harms, M. J., Quijas, S., Merenlender, A. M., & Balvanera, P. (2016). Enhancing ecosystem services maps combining field and environmental data. *Ecosystem Services, 22, Part A*, 32-40. doi:10.1016/j.ecoser.2016.09.007
Gridded Population of the World (GPW) v3
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (SPOT Image)

Martins, B. (2011). Delimiting imprecise regions with georeferenced photos and land coverage data. In K. Tanaka, P. Fröhlich, & K.-S. Kim (Eds.), *Web and Wireless Geographical Information Systems* (Vol. 6574, pp. 219-229). Berlin/Heidelberg: Springer.
Gridded Population of the World (GPW) v3 (collection)

Masaki, Y., Hanasaki, N., Takahashi, K., & Hijioka, Y. (2014). Global-scale analysis on future changes in

flow regimes using Gini and Lorenz asymmetry coefficients. *Water Resources Research, 50*(5), 4054-4078. doi:10.1002/2013wr014266
Gridded Population of the World (GPW) v3 (population count)

Masaki, Y., Hanasaki, N., Takahashi, K., & Hijioka, Y. (2015). Propagation of biases in humidity in the estimation of global irrigation water. *Earth System Dynamics, 6*(2), 461-484. doi:10.5194/esd-6-461-2015
Gridded Population of the World (GPW) v3 (population count)

Masocha, M., & Dube, T. (2017). Modelling *Opuntia fulgida* invasion in Zimbabwe. *Transactions of the Royal Society of South Africa, 72*(3), 217-224. doi:10.1080/0035919X.2017.1301593
Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS NDVI   - MOD13Q1)

Masui, T., Matsumoto, K., Hijioka, Y., Kinoshita, T., Nozawa, T., Ishiwatari, S., . . . Kainuma, M. (2011). An emission pathway for stabilization at 6 Wm^{-2} radiative forcing. *Climatic Change, 109*(1), 59-76. doi:10.1007/s10584-011-0150-5
Gridded Population of the World (GPW) v3 (unspecified)

Masutomi, Y., Takahashi, K., Harasawa, H., & Matsuoka, Y. (2009). Impact assessment of climate change on rice production in Asia in comprehensive consideration of process/parameter uncertainty in general circulation models. *Agriculture, Ecosystems & Environment, 131*(3-4), 281-291. doi:10.1016/j.agee.2009.02.004
Gridded Population of the World (GPW) v3 (population count)

Mathias, D. L., Wheeler, L. F., & Dotson, J. L. (2017). A probabilistic asteroid impact risk model: Assessment of sub-300 m impacts. *Icarus, 289*, 106-119. doi:10.1016/j.icarus.2017.02.009
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Matney, M. (2019). *Tutorial : An overview of the orbital debris environment*. Paper presented at the Applied Space Environments Conference (ASEC), Los Angeles, CA. https://ntrs.nasa.gov/search.jsp?R=20190025189
Gridded Population of the World (GPW) v3 (population density)

Matsumoto, T. (2019). Devolution and Local Development in Emerging States: The Case of Kenya. In Y. Takagi, V. Kanchoochat, & T. Sonobe (Eds.), *Developmental State Building: The Politics of Emerging Economies* (pp. 157-175). Singapore: Springer Singapore.
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
Gridded Population of the World (GPW) v4 (population count) - 10.7927/H4X63JVC
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (VIIRS)

Maystadt, J.-F., Mueller, V., & Sebastian, A. (2014). *Environmental Migration and Labor Markets in*

Nepal. Retrieved from Washington, DC:
http://www.ifpri.org/sites/default/files/publications/ifpridp01364.pdf
Gridded Population of the World (GPW) v3 (unspecified)
NASA REMOTE SENSING (POWER (Prediction of Worldwide Energy Resource))

Maystadt, J.-F., Mueller, V., & Sebastian, A. (2016). Environmental migration and labor Markets in Nepal.
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doi:10.1086/684579
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (POWER (Prediction of Worldwide Energy Resource))

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can achieve substantial efficiencies. *Diversity and Distributions, 19*(11), 1380-1393.
doi:10.1111/ddi.12095
Gridded Population of the World (GPW) v3 (population density)

McCarthy, D. P., Butchart, S. H. M., Symes, A., Bennun, L. A., Fishpool, L. D. C., Buchanan, G. M., . . .
Leonard, D. L. (2012). *Input to the Report of the High-Level Panel on Global Assessment of
Resources for Implementing the Strategic Plan for biodiversity 2011-2010*. Retrieved from
Gridded Population of the World (GPW) v3 (unspecified)

McCarthy, D. P., Donald, P. F., Scharlemann, J. P. W., Buchanan, G. M., Balmford, A., Green, J. M. H., . . .
Butchart, S. H. M. (2012). Financial costs of meeting global biodiversity conservation targets:
Current spending and unmet needs. *Science, 338*(6109), 946-949. doi:10.1126/science.1229803
Gridded Population of the World (GPW) v3 (population density)

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(2013). Conservation at the edges of the world. *Biological Conservation, 165*, 139-145.
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Gridded Population of the World (GPW) v3 (population density future estimates)

McClanahan, T. R., & Jadot, C. (2017). Managing coral reef fish community biomass is a priority for
biodiversity conservation in Madagascar. *Marine Ecology Progress Series, 580*, 169-190.
doi:10.3354/meps12267
Gridded Population of the World (GPW) v3 (population density)

McClanahan, T. R., Maina, J. M., Graham, N. A. J., & Jones, K. R. (2016). Modeling reef fish biomass,
recovery potential, and management priorities in the Western Indian Ocean. *PLoS ONE, 11*(5),
e0154585. doi:10.1371/journal.pone.0154585
Gridded Population of the World (GPW) v3 (population count)

McClanahan, T. R., & Muthiga, N. A. (2017). Environmental variability indicates a climate-adaptive center
under threat in northern Mozambique coral reefs. *Ecosphere, 8*(5), e01812.
doi:10.1002/ecs2.1812
Gridded Population of the World (GPW) v3 (population count)

McDowell, R. W., Noble, A., Pletnyakov, P., & Mosley, L. M. (2021). Global database of diffuse riverine
nitrogen and phosphorus loads and yields. *Geoscience Data Journal, 8*(2), 132-143.

doi:10.1002/gdj3.111
Gridded Population of the World (GPW) v3 (population density)

McDowell, R. W., Simpson, Z. P., Ausseil, A. G., Etheridge, Z., & Law, R. (2021). The implications of lag times between nitrate leaching losses and riverine loads for water quality policy. *Scientific Reports, 11*(1), 16450. doi:10.1038/s41598-021-95302-1
Gridded Population of the World (GPW) v3 (population density)

McKinnon, M. (2011). *Asian Cities: Globalization, Urbanization and Nation-Building*. Copenhagen: NIAS Press.
Gridded Population of the World (GPW) v3 (unspecified)
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)

McMahon, B. H., Manore, C. A., Hyman, J. M., LaBute, M. X., & Fair, J. M. (2014). Coupling vector-host dynamics with weather geography and mitigation measures to model Rift Valley Fever in Africa. *Mathematical Modelling of Natural Phenomena, 9*(2), 161-177. doi:10.1051/mmnp/20149211
Gridded Population of the World (GPW) v3 (population density future estimates)

McNairy, M., Gwynn, C., Rabkin, M., Antelman, G., Wu, Y., Alemayehu, B., . . . Justman, J. (2016). Increased utilisation of PEPFAR-supported laboratory services by non-HIV patients in Tanzania. *African Journal of Laboratory Medicine, 5*(1), 7 pp. doi:10.4102/ajlm.v5i1.318
Gridded Population of the World (GPW) v3 (admin boundary map)

Megevand, C. (2013). GLOBIOM Model—Formal Description. In *Deforestation Trends in the Congo Basin: Reconciling Economic Growth and Forest Protection* (pp. 149-158). Washington: World Bank.
Gridded Population of the World (GPW) v3 (population density)

Mehta, M., Singh, N., & Anshumali. (2018). Global trends of columnar and vertically distributed properties of aerosols with emphasis on dust, polluted dust and smoke - inferences from 10-year long CALIOP observations. *Remote Sensing of Environment, 208*, 120-132. doi:10.1016/j.rse.2018.02.017
Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (CALIPSO)

Mekonnen, M., Pahlow, M., Aldaya, M., Zarate, E., & Hoekstra, A. (2015). Sustainability, efficiency and equitability of water consumption and pollution in Latin America and the Caribbean. *Sustainability, 7*(2), 2086-2112. doi:10.3390/su7022086
Gridded Population of the World (GPW) v3 (population density)

Mekonnen, M. M., & Hoekstra, A. Y. (2010). A global and high-resolution assessment of the green, blue and grey water footprint of wheat. *Hydrology and Earth System Sciences, 14*(7), 1259-1276. doi:10.5194/hess-14-1259-2010
Gridded Population of the World (GPW) v3 (population density)

Mekonnen, M. M., & Hoekstra, A. Y. (2018). Global anthropogenic phosphorus loads to fresh water and associated grey water footprints and water pollution levels: A high-resolution global study. *Water Resources Research, 54*(1), 345-358. doi:10.1002/2017WR020448
Gridded Population of the World (GPW) v3 (population density)

Melgar, D., Allen, R. M., Riquelme, S., Geng, J., Bravo, F., Baez, J. C., . . . Smalley, R. (2016). Local tsunami warnings: Perspectives from recent large events. *Geophysical Research Letters, 43*(3), 1109-1117. doi:10.1002/2015GL067100
Gridded Population of the World (GPW) v3 (population count)

Mélières, M.-A., & Maréchal, C. (2015). *Climate Change: Past, Present, and Future*: Wiley-Blackwell.
Gridded Population of the World (GPW) v3 (unspecified)
Human Appropriation of Net Primary Productivity (HANPP) (collection)

Melnychuk, M. C., Peterson, E., Elliott, M., & Hilborn, R. (2017). Fisheries management impacts on target species status. *Proceedings of the National Academy of Sciences, 114*(1), 178-183. doi:10.1073/pnas.1609915114
Gridded Population of the World (GPW) v3 (population density)

Mendoza, M., & Araújo, M. B. (2019). Climate shapes mammal community trophic structures and humans simplify them. *Nature Communications, 10*(1), 5197. doi:10.1038/s41467-019-12995-9
Gridded Population of the World (GPW) v3 (population density)

Meng, L., Graus, W., Worrell, E., & Huang, B. (2014). Estimating CO_2 (carbon dioxide) emissions at urban scales by DMSP/OLS (Defense Meteorological Satellite Program's Operational Linescan System) nighttime light imagery: Methodological challenges and a case study for China. *Energy, 71*, 468-478. doi:10.1016/j.energy.2014.04.103
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (DMSP-OLS)

Merler, S., & Ajelli, M. (2010). The role of population heterogeneity and human mobility in the spread of pandemic influenza. *Proceedings of the Royal Society B: Biological Sciences, 277*(1681), 557-565. doi:10.1098/rspb.2009.1605
Gridded Population of the World (GPW) v3 (population density)

Merola, R. B., Hien, T. T., Quyen, D. T. T., & Vengosh, A. (2015). Arsenic exposure to drinking water in the Mekong Delta. *Science of The Total Environment, 511*, 544-552. doi:10.1016/j.scitotenv.2014.12.091
Gridded Population of the World (GPW) v3 (population density)

Messina, J. P., Emch, M., Muwonga, J., Mwandagalirwa, K., Edidi, S. B., Mama, N., . . . Meshnick, S. R. (2010). Spatial and socio-behavioral patterns of HIV prevalence in the Democratic Republic of Congo. *Social Science & Medicine, 71*(8), 1428-1435. doi:10.1016/j.socscimed.2010.07.025
Gridded Population of the World (GPW) v3 (population density)

Messina, J. P., Mwandagalirwa, K., Taylor, S. M., Emch, M., & Meshnick, S. R. (2013). Spatial and social factors drive anemia in Congolese women. *Health & Place, 24*, 54-64. doi:10.1016/j.healthplace.2013.07.009
Gridded Population of the World (GPW) v3 (population density)

Messina, J. P., Taylor, S., Meshnick, S., Linke, A., Tshefu, A., Atua, B., . . . Emch, M. (2011). Population, behavioural and environmental drivers of malaria prevalence in the Democratic Republic of

Congo. *Malaria Journal, 10*(1), 1-11. doi:10.1186/1475-2875-10-161
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (TRMM)
REMOTE SENSING (Landsat)

Messori, G., van Wees, D., Pausata, F. S. R., Acosta Navarro, J. C., Hannachi, A., & Dentener, F. J. (2018). The impact of future atmospheric circulation changes over the Euro-Atlantic sector on urban PM2.5 concentrations. *Tellus B: Chemical and Physical Meteorology, 70*(1), 1468704. doi:10.1080/16000889.2018.1468704
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (population density future estimates)

Meyer, M., Schröder, W., Nickel, S., Leblond, S., Lindroos, A.-J., Mohr, K., . . . Zechmeister, H. G. (2015). Relevance of canopy drip for the accumulation of nitrogen in moss used as biomonitors for atmospheric nitrogen deposition in Europe. *Science of The Total Environment, 538*, 600-610. doi:10.1016/j.scitotenv.2015.07.069
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Gridded Population of the World (GPW) v4.11 (population count) - 10.7927/H4JW8BX5

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (VIIRS NTL)

Mielonen, T., Laakso, A., Karhunen, A., Kokkola, H., Partanen, A.-I., Korhonen, H., . . . Lehtinen, K. E. J. (2015). From nuclear power to coal power: Aerosol-induced health and radiative effects. *Journal of Geophysical Research: Atmospheres, 120*(24), 12631-12643. doi:10.1002/2015JD024183
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)

Milledge, D. G., Gurjar, S. K., Bunce, J. T., Tare, V., Sinha, R., & Carbonneau, P. E. (2018). Population density controls on microbial pollution across the Ganga catchment. *Water Research, 128*, 82-91. doi:10.1016/j.watres.2017.10.033
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4.11 (population count UN WPP-adjusted)
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (VIIRS NTL)

Mirzabaev, A., Nkonya, E., Goedecke, J., Johnson, T., & Anderson, W. (2016). Global drivers of land degradation and improvement. In E. Nkonya, A. Mirzabaev, & J. von Braun (Eds.), *Economics of Land Degradation and Improvement – A Global Assessment for Sustainable Development* (pp.

167-195): Springer International Publishing.
Gridded Population of the World (GPW) v3 (population density)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Mitchell, S., Gelman, A., Ross, R., Chen, J., Bari, S., Huynh, U. K., . . . Sachs, J. D. (2018). The Millennium Villages Project: a retrospective, observational, endline evaluation. *The Lancet Global Health, 6*(5), e500-e513. doi:10.1016/S2214-109X(18)30065-2
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
SEDAC Hazards Mapper
SEDAC Map Services
NASA REMOTE SENSING (ASTER)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (AVHRR)

Mohanty, M. P., & Simonovic, S. P. (2021). Understanding dynamics of population flood exposure in Canada with multiple high-resolution population datasets. *Science of The Total Environment, 759*, 143559. doi:10.1016/j.scitotenv.2020.143559
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Gridded Population of the World (GPW) v4 (documentation) - 10.7927/H4B56GPT

Mohebzadeh, H., & Fallah, M. (2019). Quantitative analysis of water balance components in Lake Urmia, Iran using remote sensing technology. *Remote Sensing Applications: Society and Environment, 13*, 389-400. doi:10.1016/j.rsase.2018.12.009
Gridded Population of the World (GPW) v3 (unspecified)

Mohr, S., Garland, C., Gorham, E., & Garland, F. (2008). The association between ultraviolet B irradiance, vitamin D status and incidence rates of type 1 diabetes in 51 regions worldwide. *Diabetologia, 51*(8), 1391-1398. doi:10.1007/s00125-008-1061-5
Gridded Population of the World (GPW) v3 (centroids)

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Gridded Population of the World (GPW) v3 (centroids)
NASA REMOTE SENSING (ISCCP)

Mola-Yudego, B., Selkimäki, M., & González-Olabarria, J. R. (2014). Spatial analysis of the wood pellet
    production for energy in Europe. *Renewable Energy, 63*, 76-83.
    doi:10.1016/j.renene.2013.08.034
Gridded Population of the World (GPW) v3 (population count)

Molinari-Jobin, A., Kéry, M., Marboutin, E., Marucco, F., Zimmermann, F., Molinari, P., . . . Breitenmoser,
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Gridded Population of the World (GPW) v3 (population density)

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    (2018). The potential impacts of 21st century climatic and population changes on human
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    P. Burrows, P. Borrell, & U. Platt (Eds.), *The Remote Sensing of Tropospheric Composition from
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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MOPITT CO)

Monroy-Vilchis, O., Castillo-Huitrón, N. M., Zarco-González, M. M., & Rodríguez-Soto, C. (2016).
    Potential distribution of *Ursus americanus* in Mexico and its persistence: Implications for
    conservation. *Journal for Nature Conservation, 29*, 62-68. doi:10.1016/j.jnc.2015.11.003
Gridded Population of the World (GPW) v3 (population count)

Monroy-Vilchis, O., Zarco-González, Z., & Zarco-González, M. M. (2019). Potential distribution and areas
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Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (SRTM)

Moore, F. C., Obradovich, N., Lehner, F., & Baylis, P. (2019). Rapidly declining remarkability of
    temperature anomalies may obscure public perception of climate change. *Proceedings of the
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Gridded Population of the World (GPW) v3 (population density)

Moore, S., Shrestha, S., Tomlinson, K. W., & Vuong, H. (2012). Predicting the effect of climate change on
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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Mora, C., Aburto-Oropeza, O., Ayala Bocos, A., Ayotte, P. M., Banks, S., Bauman, A. G., . . . Zapata, F. A. (2011). Global human footprint on the linkage between biodiversity and ecosystem functioning in reef fishes. *PLoS Biology, 9*(4), e1000606. doi:10.1371/journal.pbio.1000606
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR)

Mora, C., Dousset, B., Caldwell, I. R., Powell, F. E., Geronimo, R. C., Bielecki, C. R., . . . Trauernicht, C. (2017). Global risk of deadly heat. *Nature Climate Change, 7*(7), 501-506. doi:10.1038/nclimate3322
Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (population density)

Mora, C., Spirandelli, D., Franklin, E. C., Lynham, J., Kantar, M. B., Miles, W., . . . Hunter, C. L. (2018). Broad threat to humanity from cumulative climate hazards intensified by greenhouse gas emissions. *Nature Climate Change, 8*(12), 1062-1071. doi:10.1038/s41558-018-0315-6
Gridded Population of the World (GPW) v3 (population count future estimates)

Morita, H., Yang, S., Unger, N., & Kinney, P. L. (2014). Global health impacts of future aviation emissions under alternative control scenarios. *Environmental Science & Technology, 48*(24), 14659-14667. doi:10.1021/es5055379
Gridded Population of the World (GPW) v3 (population count future estimates)

Moron, V., Oueslati, B., Pohl, B., Rome, S., & Janicot, S. (2016). Trends of mean temperatures and warm extremes in Northern Tropical Africa (1961-2014) from observed and PPCA-reconstructed time series. *Journal of Geophysical Research: Atmospheres, 121*(10), 5298-5319. doi:10.1002/2015JD024303
Gridded Population of the World (GPW) v3 (collection)

Morueta-Holme, N., Fløjgaard, C., & Svenning, J.-C. (2010). Climate change risks and conservation implications for a threatened small-range mammal species. *PLoS ONE, 5*(4), e10360. doi:10.1371/journal.pone.0010360
Gridded Population of the World (GPW) v3 (population density)
Human Footprint (Sanderson)

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Gridded Population of the World (GPW) v3 (population count)
Natural Disaster Hotspots (collection)

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in a Water-Limited Metropolitan Region Through Integrated Modeling. (Ph.D.). Arizona State University, Tempe, AZ. Retrieved from https://hdl.handle.net/2286/R.2.N.171625
Gridded Population of the World (GPW) v4.11 (population density UN WPP-adjusted) - 10.7927/H4F47M65
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Mouri, G., Minoshima, D., Golosov, V., Chalov, S., Seto, S., Yoshimura, K., . . . Oki, T. (2013). Probability assessment of flood and sediment disasters in Japan using the Total Runoff-Integrating Pathways model. *International Journal of Disaster Risk Reduction, 3*, 31-43. doi:10.1016/j.ijdrr.2012.11.003
Gridded Population of the World (GPW) v3 (population density)

Mueller, T., Dressler, G., Tucker, C., Pinzon, J., Leimgruber, P., Dubayah, R., . . . Fagan, W. (2014). Human land-use practices lead to global long-term increases in photosynthetic capacity. *Remote Sensing, 6*(6), 5717-5731. doi:10.3390/rs6065717
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR GIMMS NDVI)

Mukherjee, K., & Ouattara, B. (2021). Climate and monetary policy: do temperature shocks lead to inflationary pressures? *Climatic Change, 167*(3), 32. doi:10.1007/s10584-021-03149-2
Gridded Population of the World (GPW) v3 (population count)

Müller, M. F., Penny, G., Niles, M. T., Ricciardi, V., Chiarelli, D. D., Davis, K. F., . . . Mueller, N. D. (2021). Impact of transnational land acquisitions on local food security and dietary diversity. *Proceedings of the National Academy of Sciences, 118*(4), e2020535118. doi:10.1073/pnas.2020535118
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
NASA REMOTE SENSING (MODIS - MOD13A1.005)

Müller Schmied, H., Cáceres, D., Eisner, S., Flörke, M., Herbert, C., Niemann, C., . . . Döll, P. (2021). The global water resources and use model WaterGAP v2.2d: Model description and evaluation. *Geoscientific Model Development, 14*(2), 1037-1079. doi:10.5194/gmd-14-1037-2021
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (GRACE)

Mulligan, M., Saenz Cruz, L. L., Pena-Arancibia, J., Pandey, B., Mahé, G., & Fisher, M. (2011). Water availability and use across the Challenge Program on Water and Food (CPWF) basins. *Water International, 36*(1), 17 - 41. doi:10.1080/02508060.2011.543801
Gridded Population of the World (GPW) v3 (unspecified)

Munteanu, C., Kuemmerle, T., Boltiziar, M., Lieskovský, J., Mojses, M., Kaim, D., . . . Radeloff, V. C. (2017). Nineteenth-century land-use legacies affect contemporary land abandonment in the Carpathians. *Regional Environmental Change, 17*(8), 2209-2222. doi:10.1007/s10113-016-1097-x
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (Landsat)

Munteanu, C., Kuemmerle, T., Keuler, N. S., Müller, D., Balázs, P., Dobosz, M., . . . Radeloff, V. C. (2015). Legacies of 19th century land use shape contemporary forest cover. *Global Environmental Change, 34*, 83-94. doi:10.1016/j.gloenvcha.2015.06.015
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (Landsat)

Murakami, D., & Yamagata, Y. (2019). Estimation of gridded population and GDP scenarios with spatially explicit statistical downscaling. *Sustainability, 11*(7), 2106. doi:10.3390/su11072106
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)

Murphy, B. P., Andersen, A. N., & Parr, C. L. (2016). The underestimated biodiversity of tropical grassy biomes. *Philosophical Transactions of the Royal Society B: Biological Sciences, 371*(1703), 12 pp. doi:10.1098/rstb.2015.0319
Gridded Population of the World (GPW) v3 (population density)

Murray, N. J., Clemens, R. S., Phinn, S. R., Possingham, H. P., & Fuller, R. A. (2014). Tracking the rapid loss of tidal wetlands in the Yellow Sea. *Frontiers in Ecology and the Environment, 12*(5), 267-272. doi:10.1890/130260
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

Musselman, J. R. B., & Spector, L. G. (2011). Childhood cancer incidence in relation to sunlight exposure. *British Journal of Cancer, 104*(1), 214-220. doi:10.1038/sj.bjc.6606015
Gridded Population of the World (GPW) v3 (population count)

Mutke, J., Sommer, J. H., Kreft, H., Kier, G., & Barthlott, W. (2011). Vascular plant diversity in a changing world: Global centres and biome-specific patterns. In F. E. Zachos & J. C. Habel (Eds.), *Biodiversity Hotspots* (pp. 83-96): Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v3 (population density)
Human Footprint (Sanderson)

Myroshnychenko, V., Ray, N., Lehmann, A., Giuliani, G., Kideys, A., Weller, P., & Teodor, D. (2015). Environmental data gaps in Black Sea catchment countries: INSPIRE and GEOSS State of Play. *Environmental Science & Policy, 46*, 13-25. doi:10.1016/j.envsci.2014.04.001
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (ASTER GDEM)
GEOSS
INSPIRE

Nadim, F., Jaedicke, C., Smebye, H., & Kalsnes, B. (2013). Assessment of Global Landslide Hazard Hotspots. In K. Sassa, B. Rouhban, S. Briceño, M. McSaveney, & B. He (Eds.), *Landslides: Global Risk Preparedness* (pp. 59-71): Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v3 (collection)
Natural Disaster Hotspots (collection)

Naia, M., & Brito, J. (2021). *Geographical Atlas of Mauritania*. Retrieved from Vairão, Portugal:
https://biodeserts.cibio.up.pt/images/resources_to_download/Naia_Brito_2021_Geographical_
Atlas_of_Mauritania_EN_02.pdf
Gridded Population of the World (GPW) v3 (population density)
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
Last of the Wild v2 (Global Human Footprint (Geographic)) - 10.7927/H4M61H5F
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4

Nakakaawa, C., Vedeld, P., & Aune, J. (2011). Spatial and temporal land use and carbon stock changes in
Uganda: implications for a future REDD strategy. *Mitigation and Adaptation Strategies for
Global Change, 16*(1), 25-62. doi:10.1007/s11027-010-9251-0
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (SPOT)

Nam, J. J., Sweetman, A. J., & Jones, K. C. (2009). Polynuclear aromatic hydrocarbons (PAHs) in global
background soils. *Journal of Environmental Monitoring, 11*(1), 45-48. doi:10.1039/b813841a
Gridded Population of the World (GPW) v3 (population count future estimates)

Nam, K.-M., & Reilly, J. M. (2013). City size distribution as a function of socioeconomic conditions: An
eclectic approach to downscaling global population. *Urban Studies, 50*(1), 208-225.
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Gridded Population of the World (GPW) v3 (population density)

Naranjo, L. (2006). Gridding the risks of natural disasters. *Sensing Our Planet: NASA Earth Science
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Gridded Population of the World (GPW) v3 (collection)

Narrod, C., Tiongco, M., & Costales, A. (2007, 2008). *Global poultry sector trends and external drivers of
structural change.* Paper presented at the International Poultry Conference, Bangkok, Thailand.
Gridded Population of the World (GPW) v3 (population density)

Nath, D., Sasikumar, K., Nath, R., & Chen, W. (2021). Factors affecting COVID-19 outbreaks across the
globe: Role of extreme climate change. *Sustainability, 13*(6), 3029. doi:10.3390/su13063029
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Satellite-Derived Environmental Indicators (Global Annual PM2.5 Grids from MODIS, MISR and SeaWiFS
Aerosol Optical Depth (AOD), v1) - 10.7927/H4028PFS

National Geographic Society. (2007). *National Geographic Family Reference Atlas* (2nd ed.). Washington,
DC: National Geographic Society.
Gridded Population of the World (GPW) v3 (unspecified)

National Geographic Society. (2009). *National Geographic Visual Atlas of the World*. Washington DC:
National Geographic Society.
Gridded Population of the World (GPW) v3 (unspecified)

Naughton, C. C., Lovett, P. N., & Mihelcic, J. R. (2015). Land suitability modeling of shea (*Vitellaria

paradoxa) distribution across sub-Saharan Africa. *Applied Geography, 58*, 217-227.
    doi:10.1016/j.apgeog.2015.02.007
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Nawahda, A. (2013). Reductions of PM2.5 air concentrations and possible effects on premature
    mortality in Japan. *Water, Air, & Soil Pollution, 224*(4), 1-7. doi:10.1007/s11270-013-1508-2
Gridded Population of the World (GPW) v3 (population count)

Nawahda, A., Yamashita, K., Ohara, T., Kurokawa, J., Ohizumi, T., Chen, F., & Akimoto, H. (2013).
    Premature mortality in Japan due to ozone. *Atmospheric Environment, 81*, 538-545.
    doi:10.1016/j.atmosenv.2013.09.049
Gridded Population of the World (GPW) v3 (population count)

Nawahda, A., Yamashita, K., Ohara, T., Kurokawa, J., & Yamaji, K. (2012). Evaluation of premature
    mortality caused by exposure to $PM_{2.5}$ and Ozone in East Asia: 2000, 2005, 2020. *Water, Air, &
    Soil Pollution, 223*(6), 3445-3459. doi:10.1007/s11270-012-1123-7
Gridded Population of the World (GPW) v3 (population count)

Nay, J., Burchfield, E., & Gilligan, J. (2018). A machine-learning approach to forecasting remotely sensed
    vegetation health. *International Journal of Remote Sensing, 39*(6), 1800-1816.
    doi:10.1080/01431161.2017.1410296
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (land and geographic unit area grids)
Gridded Population of the World (GPW) v3 (national boundaries)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)
Global Rural-Urban Mapping Project (GRUMP) v1 (land and geographic area grids)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

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Gridded Population of the World (GPW) v3 (population density map)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
U.S. Census Grids (unspecified)
NASA REMOTE SENSING (QuikSCAT)
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (Landsat ETM+)

Ngoasheng, M. M., Beukes, J. P., van Zyl, P., G., Swartz, J., S., Loate, V., Krisjan, P., . . . Laakso, L. (2021). Assessing SO2, NO2 and O3 in rural areas of the North West Province. *Clean Air Journal, 31*(1). doi:10.17159/caj/2021/31/1.9087
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

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Gridded Population of the World (GPW) v3 (collection)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (collection)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Last of the Wild v2 (Global Human Footprint (Geographic))
Socioeconomic Downscaled Projections (collection)
NASA REMOTE SENSING (ASTER)
NASA REMOTE SENSING (ASTER GDEM)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (OceanColor Web)

GCMD

Nickel, S., Schröder, W., Wosniok, W., Harmens, H., Frontasyeva, M. V., Alber, R., . . . Zechmeister, H. G. (2017). Modelling and mapping heavy metal and nitrogen concentrations in moss in 2010 throughout Europe by applying Random Forests models. *Atmospheric Environment, 156*, 146-159. doi:10.1016/j.atmosenv.2017.02.032
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Nieves, J. J., Stevens, F. R., Gaughan, A. E., Linard, C., Sorichetta, A., Hornby, G., . . . Tatem, A. J. (2017). Examining the correlates and drivers of human population distributions across low- and middle-income countries. *Journal of the Royal Society Interface, 14*(137), 20170401. doi:10.1098/rsif.2017.0401
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Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (centroids) - 10.7927/H4TT4NWQ

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Gridded Population of the World (GPW) v3 (population count)

Niyogi, D., Kishtawal, C., Tripathi, S., & Govindaraju, R. S. (2010). Observational evidence that agricultural intensification and land use change may be reducing the Indian summer monsoon rainfall. *Water Resources Research, 46*(3), W03533. doi:10.1029/2008wr007082
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REMOTE SENSING (NDVI)

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Gridded Population of the World (GPW) v3 (unspecified)

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REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (OMI)

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Gridded Population of the World (GPW) v3 (population density)

Nunes, M. R. T., Faria, N. R., de Vasconcelos, J. M., Golding, N., Kraemer, M. U. G., de Oliveira, L. F., . . . Vasconcelos, P. F. d. C. (2015). Emergence and potential for spread of Chikungunya virus in Brazil. *BMC Medicine, 13*(102). doi:10.1186/s12916-015-0348-x
Gridded Population of the World (GPW) v3 (unspecified)
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)

Nygård, H. M., Rustad, S. C. A., Stollenwerk, E., & Tollefsen, A. F. (2019). *Predicting Future Challenges: Quantitative Risk Assessment Tools for the EU's Eastern and Southern Neighbourhoods*. Retrieved from Berlin: https://doi.org/10.17169/refubium-25419
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

O'Hanlon, S. J., Slater, H. C., Cheke, R. A., Boatin, B. A., Coffeng, L. E., Pion, S. D. S., . . . Basáñez, M.-G. (2016). Model-based geostatistical mapping of the prevalence of *Onchocerca volvulus* in West Africa. *PLoS Neglected Tropical Diseases, 10*(1), e0004328. doi:10.1371/journal.pntd.0004328
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
NASA REMOTE SENSING (MODIS EVI)

Obenauer, J. F., Joyner, T. A., & Harris, J. B. (2017). The importance of human population characteristics in modeling *Aedes aegypti* distributions and assessing risk of mosquito-borne infectious diseases. *Tropical Medicine and Health, 45*(1), 9pp. doi:10.1186/s41182-017-0078-1
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

U.S. Census Grids (Summary File 3, v1 (2000)) - 10.7927/H42R3PMN

Oda, T., & Maksyutov, S. (2011). A very high-resolution (1 km×1 km) global fossil fuel CO_2 emission inventory derived using a point source database and satellite observations of nighttime lights. *Atmospheric Chemistry and Physics, 11*, 543-556. doi:10.5194/acp-11-543-2011
Gridded Population of the World (GPW) v3 (national boundaries)
REMOTE SENSING (DMSP-OLS)

Öhler, H. (2017). *A Micro-Level Analysis of the Effects of Aid Fragmentation and Aid Alignment*. Retrieved from Bonn: http://www.die-gdi.de/uploads/media/DP_7.2017.pdf
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (OMI)
NASA REMOTE SENSING (TES)
NASA REMOTE SENSING (TRMM)

Okada, M., Iizumi, T., Sakamoto, T., Kotoku, M., Sakurai, G., Hijioka, Y., & Nishimori, M. (2018). Varying benefits of irrigation expansion for crop production under a changing climate and competitive water use among crops. *Earth's Future, 6*(9), 1207-1220. doi:10.1029/2017EF000763
Gridded Population of the World (GPW) v3 (population count)

Okada, M., Iizumi, T., Sakurai, G., Hanasaki, N., Sakai, T., Okamoto, K., & Yokozawa, M. (2015). Modeling irrigation-based climate change adaptation in agriculture: Model development and evaluation in Northeast China. *Journal of Advances in Modeling Earth Systems, 7*(3), 1409-1424. doi:10.1002/2014MS000402
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (ISLSCP-II)
NASA REMOTE SENSING (MODIS - MOD16)

Okhravi, S., Eslamian, S., & Esfahany, S. T. (2017). Drought in Lake Urmia. In S. Eslamian & F. A. Eslamian (Eds.), *Handbook of Drought and Water Scarcity: Environmental Impacts and Analysis of Drought and Water Scarcity* (pp. 605-617): CRC Press.
Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (population density)
Global Reservoir and Dam (GRanD) v1.01 (dams)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Quickbird)

O'Loughlin, J., Holland, E., & Witmer, F. (2011). The changing geography of violence in Russia's North Caucasus, 1999-2011: Regional trends and local dynamics in Dagestan, Ingushetia, and Kabardino-Balkaria. *Eurasian Geography and Economics, 52*(5), 596-630. doi:10.2747/1539-7216.52.5.596
Gridded Population of the World (GPW) v3 (unspecified)
REMOTE SENSING (AVHRR)

O'Loughlin, J., Linke, A. M., & Witmer, F. D. W. (2014). Effects of temperature and precipitation variability on the risk of violence in sub-Saharan Africa, 1980–2012. *Proceedings of the National Academy of Sciences, 111*(47), 16712-16717. doi:10.1073/pnas.1411899111
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (centroids)

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Gridded Population of the World (GPW) v3 (population density)

Østby, G., Nordås, R., & Rød, J. K. (2009). Regional inequalities and civil conflict in Sub-Saharan Africa. *International Studies Quarterly, 53*(2), 301-324. doi:10.1111/j.1468-2478.2009.00535.x
Gridded Population of the World (GPW) v3 (population count)

Ostro, B., Spadaro, J. V., Gumy, S., Mudu, P., Awe, Y., Forastiere, F., & Peters, A. (2018). Assessing the recent estimates of the global burden of disease for ambient air pollution: Methodological changes and implications for low- and middle-income countries. *Environmental Research, 166*, 713-725. doi:10.1016/j.envres.2018.03.001
Gridded Population of the World (GPW) v3 (unspecified)
Gridded Population of the World (GPW) v4 (unspecified)

Otto, I. M., Biewald, A., Coumou, D., Feulner, G., Kohler, C., Nocke, T., . . . Beck, U. (2015). Socio-economic data for global environmental change research. *Nature Climate Change, 5*(6), 503-506. doi:10.1038/nclimate2593
Gridded Population of the World (GPW) v3 (population density)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Ouedraogo, I., Girard, A., Vanclooster, M., & Jonard, F. (2020). Modelling the temporal dynamics of groundwater pollution risks on the African scale. *Water, 12*(5), 1406. doi:10.3390/w12051406
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (population density future estimates)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (SRTM)

Padrón, R. S., Gudmundsson, L., Greve, P., & Seneviratne, S. I. (2017). Large-scale controls of the surface water balance over land-insights from a systematic review and meta-analysis. *Water Resources Research, 53*(11), 9659-9678. doi:10.1002/2017WR021215
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
Socioeconomic Downscaled Projections (Country-Level GDP and Downscaled Projections Based on the SRES A1, A2, B1, and B2 Marker Scenarios, v1)

Palmer, M. A., Liermann, C. A. R., Nilsson, C., Florke, M., Alcamo, J., Lake, P. S., & Bond, N. (2008). Climate change and the world's river basins: Anticipating management options. *Frontiers in Ecology and the Environment, 6*, 18pp. doi:10.1890/060148
Gridded Population of the World (GPW) v3 (population count)

Panda, R. M. (2022). Methodology for Ecological Analysis. In *Plant Ecology of Indian Himalaya* (pp. 33-54). Cham: Springer International Publishing.
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Human Appropriation of Net Primary Productivity (HANPP) (Global Patterns of HANPP, v1)
Last of the Wild v2 (Global Human Footprint (Geographic)) - 10.7927/H4M61H5F

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

NASA REMOTE SENSING (MODIS)

Park, C., Fujimori, S., Hasegawa, T., Takakura, J. y., Takahashi, K., & Hijioka, Y. (2018). Avoided economic impacts of energy demand changes by 1.5 and 2 °C climate stabilization. *Environmental Research Letters, 13*(4), 045010. doi:10.1088/1748-9326/aab724

Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count future estimates)

Parvez, I. A., Nekrasova, A., & Kossobokov, V. (2014). Estimation of seismic hazard and risks for the Himalayas and surrounding regions based on Unified Scaling Law for Earthquakes. *Natural Hazards, 71*(1), 549-562. doi:10.1007/s11069-013-0926-1

Gridded Population of the World (GPW) v3 (population density future estimates)

Parvez, I. A., Nekrasova, A., & Kossobokov, V. (2018). Seismic hazard and risk assessment based on Unified Scaling Law for Earthquakes: thirteen principal urban agglomerations of India. *Natural Hazards, 92*(3), 1509-1522. doi:10.1007/s11069-018-3261-8

Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

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Gridded Population of the World (GPW) v3 (population density)

Pasari, S., & Sharma, Y. (2020). Contemporary earthquake hazards in the West-Northwest Himalaya: A statistical perspective through natural times. *Seismological Research Letters, 91*(6), 3358-3369. doi:10.1785/0220200104

Gridded Population of the World (GPW) v3 (population density)

Pasari, S., Simanjuntak, A. V. H., Mehta, A., Neha, & Sharma, Y. (2021). The current state of earthquake potential on Java Island, Indonesia. *Pure and Applied Geophysics, 178*, 2789-2806. doi:10.1007/s00024-021-02781-4

Gridded Population of the World (GPW) v3 (population density)

Pasari, S., Verma, H., Sharma, Y., & Choudhary, N. (2023). Spatial distribution of seismic cycle progression in northeast India and Bangladesh regions inferred from natural time analysis. *Acta*

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (OMI)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Pelayo-Villamil, P., Guisande, C., Vari, R. P., Manjarrés-Hernández, A., García-Roselló, E., González-Dacosta, J., . . . Lobo, J. M. (2015). Global diversity patterns of freshwater fishes – potential victims of their own success. *Diversity and Distributions, 21*(3), 345-356. doi:10.1111/ddi.12271
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Perry, C. (2013). Machine learning and conflict prediction: A use case. *Stability: International Journal of Security and Development, 2*(3), 56. doi:10.5334/sta.cr
Global Agricultural Lands (Cropland)
Global Agricultural Lands (Pasture)
Gridded Population of the World (GPW) v3 (population count future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (National Administrative Boundaries)
Natural Disaster Hotspots (multihazard frequency and distribution)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)
Socioeconomic Downscaled Projections (Global 15 x 15 Minute Grids of the Downscaled GDP Based on the SRES B2 Scenario, v1)

Pesaresi, M., Syrris, V., Ehrlich, D., Halkia, M., Kemper, T., & Soille, P. (2014). Building of a global human settlement layer from fine-scale remotely sensed data. In Q. Weng (Ed.), *Global Urban Monitoring and Assessment through Earth Observation* (pp. 143-170): CRC Press.
Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density future estimates)

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Gridded Population of the World (GPW) v3 (population density map)

Petrescu, A. M. R., McGrath, M. J., Andrew, R. M., Peylin, P., Peters, G. P., Ciais, P., . . . Dolman, A. J. (2021). The consolidated European synthesis of CO2 emissions and removals for the European Union and United Kingdom: 1990–2018. *Earth System Science Data, 13*(5), 2363-2406. doi:10.5194/essd-13-2363-2021
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (OMI)
REMOTE SENSING (Infrared Atmospheric Sounding Interferometer (IASI))

Petrozzi, F., Hema, E. M., Sirima, D., Segniagbeto, G. H., Akani, G. C., Eniang, E. A., . . . Luiselli, L. (2020). Tortoise ecology in the West African savannah: Multi-scale habitat selection and activity patterns of a threatened giant species, and its ecological relationships with a smaller-sized species. *Acta Oecologica, 105*, 103572. doi:10.1016/j.actao.2020.103572
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points) - 10.7927/H4M906KR

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (MERIS)

Pezzulo, C., Nilsen, K., Carioli, A., Tejedor-Garavito, N., Hanspal, S. E., Hilber, T., . . . Tatem, A. J. (2021). Geographical distribution of fertility rates in 70 low-income, lower-middle-income, and upper-middle-income countries, 2010–16: a subnational analysis of cross-sectional surveys. *The Lancet Global Health, 9*(6), e802-e812. Retrieved from https://doi.org/10.1016/S2214-109X(21)00082-6
Gridded Population of the World (GPW) v3 (Balk and Yetman 2004)

Pfeffer, M., Langmann, B., Heil, A., & Graf, H.-F. (2012). Numerical simulations examining the possible role of anthropogenic and volcanic emissions during the 1997 Indonesian fires. *Air Quality, Atmosphere & Health, 5*(3), 277-292. doi:10.1007/s11869-010-0105-4
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (GOME)

Pi, X., Luo, Q., Feng, L., Xu, Y., Tang, J., Liang, X., . . . Bryan, B. A. (2022). Mapping global lake dynamics reveals the emerging roles of small lakes. *Nature Communications, 13*(1), 5777. doi:10.1038/s41467-022-33239-3
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v4.11 (population density)
NASA REMOTE SENSING (Circum-Arctic map of permafrost and ground-ice conditions)
REMOTE SENSING (Landsat)

Piarroux, R., Barrais, R., Faucher, B., Haus, R., Piarroux, M., & Gaudart, J. (2011). Understanding the cholera epidemic, Haiti. *Emerging Infectious Diseases, 17*(11), 1161-1167. doi:10.3201/eid1707.110059
Gridded Population of the World (GPW) v3 (population density)

Pickett, S. T. A., Cadenasso, M. L., Grove, J. M., Boone, C. G., Groffman, P. M., Irwin, E., . . . Warren, P. (2011). Urban ecological systems: Scientific foundations and a decade of progress. *Journal of Environmental Management, 92*(3), 331-362. doi:10.1016/j.jenvman.2010.08.022
Gridded Population of the World (GPW) v3 (unspecified)

Piédallu, B., Quenette, P.-Y., Bombillon, N., Gastineau, A., Miquel, C., & Gimenez, O. (2019).

Determinants and patterns of habitat use by the brown bear *Ursus arctos* in the French Pyrenees revealed by occupancy modelling. *Oryx, 53*(2), 334-343. doi:10.1017/S0030605317000321
Gridded Population of the World (GPW) v3 (population density)

Pierskalla, J. H., & Hollenbach, F. M. (2013). Technology and collective action: The effect of cell phone coverage on political violence in Africa. *American Political Science Review, 107*(2), 207-224. doi:10.1017/S0003055413000075
Gridded Population of the World (GPW) v3 (population density)

Pike, D. A. (2013). Forecasting range expansion into ecological traps: Climate-mediated shifts in sea turtle nesting beaches and human development. *Global Change Biology, 19*(10), 3082-3092. doi:10.1111/gcb.12282
Gridded Population of the World (GPW) v3 (population density)

Pillai, R., Libin, A. T., & Mani, M. (2015). Study into solar-still performance under sealed and unsealed conditions. *International Journal of Low-Carbon Technologies, 10*(4), 354-364. doi:10.1093/ijlct/ctt045
Gridded Population of the World (GPW) v3 (collection)

Pinichka, C., Bundhamcharoen, K., & Shibuya, K. (2016). Diseases burden of Chronic Obstructive Pulmonary Disease (COPD) attributable to ground-level ozone in Thailand: Estimates based on surface monitoring measurements data. *Global Journal of Health Science, 8*(1). doi:10.5539/gjhs.v8n1p1
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Pinichka, C., Makka, N., Sukkumnoed, D., Chariyalertsak, S., Inchai, P., & Bundhamcharoen, K. (2017). Burden of disease attributed to ambient air pollution in Thailand: A GIS-based approach. *PLoS ONE, 12*(12), e0189909. doi:10.1371/journal.pone.0189909
Gridded Population of the World (GPW) v3 (population density)

Pinkovskiy, M., & Sala-i-Martin, X. (2016). *Lights, Camera,....Income! Estimating Poverty using National Accounts, Survey Means and Lights*. Paper presented at the Allied Social Science Associations San Francisco. https://www.aeaweb.org/conference/2016/preliminary.php?search_string=Pinkovskiy&search_type=last_name&association=&jel_class=&search=Search#search_box
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Pinkovskiy, M., & Sala-i-Martin, X. (2016). *Newer need not be better: Evaluating the Penn World Tables and the World Development Indicators using nighttime lights*. Retrieved from Cambridge, MA: https://doi.org/10.3386/w22216
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Pinkovskiy, M., & Sala-i-Martin, X. (2018). *Shining a Light on Purchasing Power Parities*. Retrieved from Cambridge, MA: https://doi.org/10.3386/w24419
Gridded Population of the World (GPW) v3 (unspecified)

REMOTE SENSING (DMSP-OLS)

Pinkovskiy, M. L. (2017). Growth discontinuties at borders. *Journal of Economic Growth, 22*(2), 145-192. doi:10.1007/s10887-016-9139-2
Anthropogenic Biomes of the World v2 (2000)
Gridded Population of the World (GPW) v3
REMOTE SENSING (DMSP-OLS)

Pinto, J. G., Karremann, M. K., Born, K., Della-Marta, P. M., & Klawa, M. (2012). Loss potentials associated with European windstorms under future climate conditions. *Climate Research, 54*(1), 1-20. doi:10.3354/cr01111
Gridded Population of the World (GPW) v3 (population density)

Piontek, F., Müller, C., Pugh, T. A. M., Clark, D. B., Deryng, D., Elliott, J., . . . Schellnhuber, H. J. (2014). Multisectoral climate impact hotspots in a warming world. *Proceedings of the National Academy of Sciences, 111*(9), 3233-3238. doi:10.1073/pnas.1222471110
Gridded Population of the World (GPW) v3 (population count future estimates)

Pisoni, E., Carnevale, C., & Volta, M. (2010). Sensitivity to spatial resolution of modeling systems designing air quality control policies. *Environmental Modelling & Software, 25*(1), 66-73. doi:10.1016/j.envsoft.2009.07.009
Gridded Population of the World (GPW) v3 (population count)

Pisoni, E., & Volta, M. (2009). Modeling Pareto efficient PM_{10} control policies in Northern Italy to reduce health effects. *Atmospheric Environment, 43*(20), 3243-3248. doi:10.1016/j.atmosenv.2009.03.031
Gridded Population of the World (GPW) v3 (population count)

Pistocchi, A., & Loos, R. (2009). A map of European emissions and concentrations of PFOS and PFOA. *Environmental Science & Technology, 43*(24), 9237-9244. doi:10.1021/es901246d
Gridded Population of the World (GPW) v3 (population count)

Pistocchi, A., Marinov, D., Pontes, S., & Gawlik, B. M. (2012). Continental scale inverse modeling of common organic water contaminants in European rivers. *Environmental Pollution, 162*, 159-167. doi:10.1016/j.envpol.2011.10.031
Gridded Population of the World (GPW) v3 (population count)

Pistocchi, A., Vizcaino, P., & Loos, R. (2010). *An assessment of three priority hazardous substances at the European scale*. Retrieved from Luxembourg: https://doi.org/10.2788/10542
Gridded Population of the World (GPW) v3 (population density)

Pistorius, T., Carodenuto, S., & Wathum, G. (2017). Implementing forest landscape restoration in Ethiopia. *Forests, 8*(3), 19pp. doi:10.3390/f8030061
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

Pitman, A. J., Arneth, A., & Ganzeveld, L. (2012). Regionalizing global climate models. *International Journal of Climatology, 32*(3), 321-337. doi:10.1002/joc.2279

Gridded Population of the World (GPW) v3 (population density)

Pittore, M., Wieland, M., & Fleming, K. (2014). *Perspectives of a Global, Dynamic Exposure Model for Geo-risk Assessment from Remote Sensing to Crowd-Sourcing - Input paper prepared for the Global Assessment Report on Disaster Risk Reduction 2015*. Retrieved from Potsdam, Germany: http://www.preventionweb.net/english/hyogo/gar/2015/en/bgdocs/inputs/Pittore%20et%20al.,%202014.%20Perspectives%20of%20a%20global,%20dynamic%20exposure%20model%20for%20geo-risk%20assessment.pdf
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Pittore, M., Wieland, M., & Fleming, K. (2017). Perspectives on global dynamic exposure modelling for geo-risk assessment. *Natural Hazards, 86*(Supplement 1), 7-30. doi:10.1007/s11069-016-2437-3
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)

Plouffe, G., Bulle, C., & Deschênes, L. (2016). Characterization factors for zinc terrestrial ecotoxicity including speciation. *The International Journal of Life Cycle Assessment, 21*(4), 523-535. doi:10.1007/s11367-016-1037-5
Gridded Population of the World (GPW) v3 (population density future estimates)

Pocock, M. J. O., Chandler, M., Bonney, R., Thornhill, I., Albin, A., August, T., . . . Danielsen, F. (2018). A Vision for Global Biodiversity Monitoring With Citizen Science. In *Advances in Ecological Research*: Academic Press.
Gridded Population of the World (GPW) v3 (population density)

Polaina, E., González-Suárez, M., & Revilla, E. (2015). Socioeconomic correlates of global mammalian conservation status. *Ecosphere, 6*(9), art146. doi:10.1890/ES14-00505.1
Gridded Population of the World (GPW) v3 (collection)

Polidori, C., García-Gila, J., Blasco-Aróstegui, J., & Gil-Tapetado, D. (2021). Urban areas are favouring the spread of an alien mud-dauber wasp into climatically non-optimal latitudes. *Acta Oecologica, 110*, 103678. doi:10.1016/j.actao.2020.103678
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Politi, E., Rowan, J. S., & Cutler, M. E. J. (2016). Assessing the utility of geospatial technologies to investigate environmental change within lake systems. *Science of The Total Environment, 543*(Part A), 791-806. doi:10.1016/j.scitotenv.2015.09.136
Gridded Population of the World (GPW) v3 (population density)
Global Reservoir and Dam (GRanD) v1.01 (dams)
Global Reservoir and Dam (GRanD) v1.01 (reservoirs)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
NASA REMOTE SENSING (SRTM)

Pope, R. J., Butt, E. W., Chipperfield, M. P., Doherty, R. M., Fenech, S., Schmidt, A., . . . Savage, N. H. (2016). The impact of synoptic weather on UK surface ozone and implications for premature mortality. *Environmental Research Letters, 11*(12), 124004. doi:10.1088/1748-9326/11/12/124004

Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (TES)

Population Action International. (2006). Mapping the Future of World Population: Projected Gain and Loss from 1995 to 2025.
Gridded Population of the World (GPW) v3 (unspecified)

Portmann, F. T., Döll, P., Eisner, S., & Flörke, M. (2013). Impact of climate change on renewable groundwater resources: assessing the benefits of avoided greenhouse gas emissions using selected CMIP5 climate projections. *Environmental Research Letters, 8*(2), 024023. doi:10.1088/1748-9326/8/2/024023
Gridded Population of the World (GPW) v3 (population count)

Post, G., & Pandav, B. (2013). Comparative evaluation of tiger reserves in India. *Biodiversity and Conservation, 22*(12), 2785-2794. doi:10.1007/s10531-013-0554-9
Gridded Population of the World (GPW) v3 (population count)

Potgieter, A., Rodriguez, D., Davis, P., & Dimes, J. (2013). From information to actionable knowledge: Hotspots of food insecurity in Eastern Africa. In R. Gommes & F. Kayitakire (Eds.), *The Challenges of Index-based Insurance for Food Security in Developing Countries* (pp. 120-127): European Commision Joint Research Centre, Institute for Environment and Security and the International Research Institute for Climate and Society.
Gridded Population of the World (GPW) v3 (population density)

Povitkina, M., Alvarado Pachon, N., & Dalli, C. M. (2021). *The Quality of Government Environmental Indicators Dataset, version Sep21*. Retrieved from Gothenburg, Sweden: https://www.qogdata.pol.gu.se/data/codebook_ei_sept21_august2023.pdf
Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (population density future estimates)
Natural Resource Management Index (NRMI) (Natural Resource Protection and Child Health Indicators, 2019 Release) - 10.7927/r6mv-sv82

Powers, M., Reeder, B. W., & Townsen, A. A. (2015). Hot spot peacekeeping. *International Studies Review, 17*(1), 46-66. doi:10.1111/misr.12204
Gridded Population of the World (GPW) v3 (population density)

Pozzer, A., Anenberg, S. C., Dey, S., Haines, A., Lelieveld, J., & Chowdhury, S. (2023). Mortality attributable to ambient air pollution: A review of global estimates. *GeoHealth, 7*(`), e2022GH000711. doi:10.1029/2022GH000711
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)

Prairie, Y. T., Mercier-Blais, S., Harrison, J. A., Soued, C., Giorgio, P. d., Harby, A., . . . Nahas, R. (2021). A new modelling framework to assess biogenic GHG emissions from reservoirs: The G-res tool. *Environmental Modelling & Software, 143*, 105117. doi:10.1016/j.envsoft.2021.105117
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (Surface meteorology and Solar Energy (SSE))

Prasad, A., Singh, R., & Kafatos, M. (2012). Influence of coal-based thermal power plants on the spatial–temporal variability of tropospheric NO_2 column over India. *Environmental Monitoring and Assessment, 184*(4), 1891-1907. doi:10.1007/s10661-011-2087-6
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (OMI)

Prasannavenkatesh, R., Andimuthu, R., Kandasamy, P., Rajadurai, G., Subash Kumar, D., Radhapriya, P., & Ponnusamy, M. (2015). Assessment of population exposure to coarse and fine particulate matter in the urban areas of Chennai, India. *The Scientific World Journal, 2015*, 11. doi:10.1155/2015/643714
Gridded Population of the World (GPW) v3 (population density)

Pretis, F., Schwarz, M., Tang, K., Haustein, K., & Allen, M. R. (2018). Uncertain impacts on economic growth when stabilizing global temperatures at 1.5°C or 2°C warming. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 376*(2119), 20160460. doi:10.1098/rsta.2016.0460
Gridded Population of the World (GPW) v3 (population count)

Prince, S. D. (2016). Where does desertification occur? Mapping dryland degradation at regional to global scales. In R. Behnke & M. Mortimore (Eds.), *The End of Desertification?: Disputing Environmental Change in the Drylands* (pp. 225-263). Berlin, Heidelberg: Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Human Influence Index)
REMOTE SENSING (AVHRR NDVI)

Proboste, T., Deressa, F. B., Li, Y., Kal, D. O., Gelalcha, B. D., & Soares Magalhães, R. J. (2021). Geographical variation in *Coxiella burnetii* seroprevalence in dairy farms located in south-western Ethiopia: Understanding the broader community risk. *Pathogens, 10*(6), 646. doi:10.3390/pathogens10060646
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (ASTER GDEM)

Proestos, Y., Christophides, G. K., Ergüler, K., Tanarhte, M., Waldock, J., & Lelieveld, J. (2015). Present and future projections of habitat suitability of the Asian tiger mosquito, a vector of viral pathogens, from global climate simulation. *Philosophical Transactions of the Royal Society B: Biological Sciences, 370*(1665). doi:10.1098/rstb.2013.0554
Gridded Population of the World (GPW) v3 (population count future estimates)

Pu, D., Zhu, L., De Smedt, I., Li, X., Sun, W., Wang, D., . . . Fu, T.-M. (2022). Response of anthropogenic volatile organic compound emissions to urbanization in Asia probed with TROPOMI and VIIRS satellite observations. *Geophysical Research Letters, 49*(18), e2022GL099470. doi:10.1029/2022GL099470
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
REMOTE SENSING (TROPOMI)
REMOTE SENSING (VIIRS)

Puchta, M., Bard, J., Dick, C., Hau, D., Krautkremer, B., Thalemann, F., & Hahn, H. (2017). Development and testing of a novel offshore pumped storage concept for storing energy at sea – Stensea. *Journal of Energy Storage, 14*(Part 2), 271-275. doi:10.1016/j.est.2017.06.004
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (Distance to the Nearest Coast - https://oceancolor.gsfc.nasa.gov/docs/distfromcoast/)

Pukkala, T., Möykkynen, T., & Robinet, C. (2014). Comparison of the potential spread of pinewood nematode (Bursaphelenchus xylophilus) in Finland and Iberia simulated with a cellular automaton model. *Forest Pathology, 44*(5), 341-352. doi:10.1111/efp.12105
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

Puliafito, S. E., Bolaño-Ortiz, T. R., Fernandez, R. P., Berná, L. L., Pascual-Flores, R. M., Urquiza, J., . . . Tames, M. F. (2021). High-resolution seasonal and decadal inventory of anthropogenic gas-phase and particle emissions for Argentina. *Earth System Science Data, 13*(10), 5027-5069. doi:10.5194/essd-13-5027-2021
Gridded Population of the World (GPW) v3 (admin boundaries)
NASA REMOTE SENSING (MODIS)

Pullan, R. L., & Brooker, S. J. (2012). The global limits and population at risk of soil-transmitted helminth infections in 2010. *Parasites & Vectors, 5*(81). doi:10.1186/1756-3305-5-81
Gridded Population of the World (GPW) v3
Global Rural-Urban Mapping Project (GRUMP) alpha (population density)
REMOTE SENSING (MERIS GlobCover)

Pullan, R. L., Smith, J., Jasrasaria, R., & Brooker, S. J. (2014). Global numbers of infection and disease burden of soil transmitted helminth infections in 2010. *Parasites & Vectors, 7*(1), 37. doi:10.1186/1756-3305-7-37
Gridded Population of the World (GPW) v3 (population count)

Pulsipher, L. M., & Pulsipher, A. (2012). *World Regional Geography Concepts* (2nd ed.): W. H. Freeman.
Gridded Population of the World (GPW) v3 (unspecified)

Purse, B. V., Masante, D., Golding, N., Pigott, D. M., Day, J. C., Ibañez-Bernal, S., . . . Jones, L. (2017). How will climate change pathways and mitigation options alter incidence of vector-borne diseases? A framework for leishmaniasis in South and Meso-America. *PLoS ONE, 12*(10), e0183583. doi:10.1371/journal.pone.0183583
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
REMOTE SENSING (DMSP-OLS)

Qie, Z., & Rong, L. (2016). Spatial–temporal human exposure modeling based on land-use at a regional scale in China. *Safety Science, 87*, 243-255. doi:10.1016/j.ssci.2016.04.016

Gridded Population of the World (GPW) v1
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)

Qin, Y., Fang, Y., Li, X., Naik, V., Horowitz, L. W., Liu, J., . . . Mauzerall, D. L. (2019). Source attribution of black carbon affecting regional air quality, premature mortality and glacial deposition in 2000. *Atmospheric Environment, 206*, 144-155. doi:10.1016/j.atmosenv.2019.02.048
Gridded Population of the World (GPW) v3 (population count)

Queiroz-Sousa, J., Brambilla, E. M., Garcia-Ayala, J. R., Travassos, F. A., Daga, V. S., Padial, A. A., & Vitule, J. R. S. (2018). Biology, ecology and biogeography of the South American silver croaker, an important Neotropical fish species in South America. *Reviews in Fish Biology and Fisheries, 28*(4), 693-714. doi:10.1007/s11160-018-9526-1
Gridded Population of the World (GPW) v3 (population density)

Quinn, A., Gallardo, B., & Aldridge, D. C. (2014). Quantifying the ecological niche overlap between two interacting invasive species: the zebra mussel (*Dreissena polymorpha*) and the quagga mussel (*Dreissena rostriformis bugensis*). *Aquatic Conservation: Marine and Freshwater Ecosystems, 24*(3), 324-337. doi:10.1002/aqc.2414
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v2 (Human Influence Index)

Raatikainen, T., Vaattovaara, P., Tiitta, P., Meiettinen, P., Rautianen, J., Ehn, M., . . . Worsnop, D. R. (2010). Physicochemical properties and origin of organic groups detected in boreal forest using an aerosol mass spectrometer. *Atmospheric Chemistry and Physics, 10*, 2063-2077. doi:10.5194/acp-10-2063-2010
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

Rabinowitz, A., & Zeller, K. A. (2010). A range-wide model of landscape connectivity and conservation for the jaguar, Panthera onca. *Biological Conservation, 143*(4), 939-945. doi:10.1016/j.biocon.2010.01.002
Gridded Population of the World (GPW) v3 (population density)

Radeloff, V. C., Williams, J. W., Bateman, B. L., Burke, K. D., Carter, S. K., Childress, E. S., . . . Usinowicz, J. (2015). The rise of novelty in ecosystems. *Ecological Applications, 25*(8), 2051-2068. doi:10.1890/14-1781.1
Gridded Population of the World (GPW) v3 (population count future estimates)

Raedig, C., Dormann, C., Hildebrandt, A., & Lautenbach, S. (2010). Reassessing neotropical angiosperm distribution patterns based on monographic data: a geometric interpolation approach. *Biodiversity and Conservation, 19*(6), 1523-1546. doi:10.1007/s10531-010-9785-1
Gridded Population of the World (GPW) v3 (population density)

Rafique, W., Zheng, D., Barras, J., Joglekar, S., & Kosmas, P. (2019). Predictive analysis of landmine risk.

IEEE Access, 7, 107259-107269. doi:10.1109/ACCESS.2019.2929677
Gridded Population of the World (GPW) v3 (population count)
Global High Resolution Urban Data from Landsat (HBASE)
NASA REMOTE SENSING (ASTER GDEM)

Raimbault, J., Broere, J., Somveille, M., Serna, J. M., Strombom, E., Moore, C., . . . Sugar, L. (2020). A spatial agent based model for simulating and optimizing networked eco-industrial systems. *Resources, Conservation and Recycling, 155*, 104538. doi:10.1016/j.resconrec.2019.104538
Gridded Population of the World (GPW) v3 (population density)

Raleigh, C., & De Bruijne, K. (2017). Where rebels dare to tread: A study of conflict geography and co-option of local power in Sierra Leone. *Journal of Conflict Resolution, 61*(6), 1230-1260. doi:10.1177/0022002715603767
Gridded Population of the World (GPW) v3 (population count)

Raleigh, C., & Kniveton, D. (2012). Come rain or shine: An analysis of conflict and climate variability in East Africa. *Journal of Peace Research, 49*(1), 51-64. doi:10.1177/0022343311427754
Gridded Population of the World (GPW) v3
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Raleigh, C., & Urdal, H. (2007). Climate change, environmental degradation and armed conflict. *Political Geography, 26*(6), 674-694. doi:10.1016/j.polgeo.2007.06.005
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (population density)

Raleigh, C., & Urdal, H. (2009). Climate Change, Demography, Environmental Degradation, and Armed Conflict. *ECSP Report*(13), 27-33. Retrieved from https://www.wilsoncenter.org/publication/climate-change-demography-environmental-degradation-and-armed-conflict
Gridded Population of the World (GPW) v3 (population density)

Ramieri, E., Hartley, A., Barbanti, A., Duarte Santos, F., Laihonen, P., Marinova, N., & Santini, M. (2011). *Methods for assessing coastal vulnerability to climate change*. Retrieved from Bologna, Italy: http://climate-adapt.eea.europa.eu/metadata/publications/methods-for-assessing-coastal-vulnerability-to-climate-change-etc-cca-technical-paper-1-2011
Gridded Population of the World (GPW) v3
Global Rural-Urban Mapping Project (GRUMP) v1
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Ramos-Escudero, A., García-Cascales, M. S., Cuevas, J. M., Sanner, B., & Urchueguía, J. F. (2021). Spatial analysis of indicators affecting the exploitation of Shallow Geothermal Energy at European scale. *Renewable Energy, 167*, 266-281. doi:10.1016/j.renene.2020.11.081
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Ranjan, P., Kazama, S., Sawamoto, M., & Sana, A. (2009). Global scale evaluation of coastal fresh groundwater resources. *Ocean & Coastal Management, 52*(3-4), 197-206. doi:10.1016/j.ocecoaman.2008.09.006
Gridded Population of the World (GPW) v3 (population count)

Rao, D. M. (2014). *Accelerating parallel agent-based epidemiological simulations*. Paper presented at the Proceedings of the 2nd ACM SIGSIM/PADS Conference on Principles of Advanced Discrete Simulation, Denver, Colorado, USA. https://doi.org/10.1145/2601381.2601387
Gridded Population of the World (GPW) v3 (unspecified)

Rao, D. M., Chernyakhovsky, A., & Rao, V. (2008). Modeling and analysis of global epidemiology of avian influenza. *Environmental Modelling & Software, 24*(1), 124-134. doi:10.1016/j.envsoft.2008.06.011
Gridded Population of the World (GPW) v3 (population count)

Rao, D. M., Chernyakhovsky, A., & Rao, V. (2011). Analyzing Global Epidemiology of Diseases Using Human-in-the-Loop Bio-Simulations. In L. Rothrock & S. Narayanan (Eds.), *Human-in-the-Loop Simulations* (pp. 153-174): Springer London.
Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)

Raupach, M. R., Rayner, P. J., & Paget, M. (2010). Regional variations in spatial structure of nightlights, population density and fossil-fuel CO_2 emissions. *Energy Policy, 38*(9), 4756-4764. doi:10.1016/j.enpol.2009.08.021
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (DMSP-OLS)

Rayner, P. J., Raupach, M. R., Paget, M., Peylin, P., & Koffi, E. (2010). A new global gridded data set of CO_2 emissions from fossil fuel combustion: Methodology and evaluation. *Journal of Geophysical Research: Atmospheres, 115*(D19), D19306. doi:10.1029/2009jd013439
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (DMSP-OLS)

Redding, D. W., Atkinson, P. M., Cunningham, A. A., Lo Iacono, G., Moses, L. M., Wood, J. L. N., & Jones, K. E. (2019). Impacts of environmental and socio-economic factors on emergence and epidemic potential of Ebola in Africa. *Nature Communications, 10*(1), 4531. doi:10.1038/s41467-019-12499-6
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)

Redding, D. W., Tiedt, S., Lo Iacono, G., Bett, B., & Jones, K. E. (2017). Spatial, seasonal and climatic predictive models of Rift Valley fever disease across Africa. *Philosophical Transactions of the Royal Society B: Biological Sciences, 372*(1725), 20160165. doi:10.1098/rstb.2016.0165
Gridded Population of the World (GPW) v3 (population density)
NASa REMOTE SENSING (MODIS)

Redford, K. H., Levy, M. A., Sanderson, E. W., & de Sherbinin, A. M. (2008). What is the role for conservation organizations in poverty alleviation in the world's wild places? *Oryx*, 13pp.

doi:10.1017/S0030605308001889
Gridded Population of the World (GPW) v3 (population count)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Reid, J. S., Hyer, E. J., Johnson, R., Holben, B. N., Yokelson, R. J., Zhang, J., . . . Liew, S. C. (2013).
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    review and analysis for the Seven Southeast Asian Studies (7SEAS) program. *Atmospheric
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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (SPOT)

Reid, M. C., Guan, K., Wagner, F., & Mauzerall, D. L. (2014). Global methane emissions from pit latrines.
    Environmental Science & Technology, 48(15), 8727-8734. doi:10.1021/es501549h
Gridded Population of the World (GPW) v3 (population density future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)

Reimann, L., Vafeidis, A. T., & Honsel, L. E. (2023). Population development as a driver of coastal risk:
    Current trends and future pathways. *Cambridge Prisms: Coastal Futures*, 1-23.
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Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
POPGRID
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

Renfrow, S. (2007). Can Earth's plants keep up with us? *Sensing Our Planet: NASA Earth Science Research
    Features*. Retrieved from
    https://earthdata.nasa.gov/featured-stories/featured-research/can-earths-plants-keep-us
Gridded Population of the World (GPW) v3 (collection)

Reyns, J., van Dongeren, A., Roelvink, D., Lowe, R., Falter, J., & Boruff, B. (2014). *Vulnerability of Coral
    Reef Protected Coastlines in a Changing Environment: A report to the Asian Development Bank
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Gridded Population of the World (GPW) v3 (collection)

Rezaeedaryakenari, B., Landis, S. T., & Thies, C. G. (2020). Food price volatilities and civilian victimization
    in Africa. *Conflict Management and Peace Science, 37*(2), 193-214.
    doi:10.1177/0738894217729527
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
REMOTE SENSING (DMSP-OLS)

Rezaei, A., & Gurdak, J. J. (2020). Large-scale climate variability controls on climate, vegetation coverage,

lake and groundwater storage in the Lake Urmia watershed using SSA and wavelet analysis. *Science of The Total Environment, 724*, 138273. doi:10.1016/j.scitotenv.2020.138273
Gridded Population of the World (GPW) v3 (population count future estimates)

Richter, R., Berger, U. E., Dullinger, S., Essl, F., Leitner, M., Smith, M., & Vogl, G. (2013). Spread of invasive ragweed: climate change, management and how to reduce allergy costs. *Journal of Applied Ecology, 50*(6), 1422-1430. doi:10.1111/1365-2664.12156
Gridded Population of the World (GPW) v3 (population density)

Richts, A., Struckmeier, W. F., & Zaepke, M. (2011). WHYMAP and the Groundwater Resources Map of the World 1:25,000,000. In J. A. A. Jones (Ed.), *Sustaining Groundwater Resources* (pp. 159-173): Springer Netherlands.
Gridded Population of the World (GPW) v3 (population density)

Rigaud, K. K., de Sherbinin, A., Jones, B., Adamo, S., Maleki, D., Abu-Ata, N. E., . . . Mills, B. (2021). *Groundswell Africa: Internal Climate Migration in West African Countries*. Retrieved from Washington DC: https://openknowledge.worldbank.org/handle/10986/36404
Anthropogenic Biomes of the World v2 (2000) - 10.7927/H4D798B9
Food Security (Food Insecurity Hotspots Data Set, v1) - 10.7927/cx02-2587
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Gridded Population of the World (GPW) v4.10 (basic demographic characteristics) - 10.7927/H45H7D7F
Gridded Population of the World (GPW) v4.11 (population density UN WPP-adjusted) - 10.7927/H4F47M65
Global Rural-Urban Mapping Project (GRUMP) v1.01 (urban extent) - 10.7927/H4Z31WKF
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v3) - 10.7927/d1x1-d702
Population Dynamics (Global One-Eighth Degree Population Projection Grids for the SSPs, v1) - 10.7927/H4RF5S0P
Population Estimation Service v3 - 10.7927/H4DR2SK5
Poverty Mapping (Global Subnational Infant Mortality Rates, v2) - 10.7927/H4PN93JJ

Rigaud, K. K., de Sherbinin, A., Jones, B., Adamo, S., Maleki, D., Arora, A., . . . Mills, B. (2021). *Groundswell Africa : Internal Climate Migration in the Lake Victoria Basin Countries*. Retrieved from Washington DC: https://openknowledge.worldbank.org/handle/10986/36403
Anthropogenic Biomes of the World v2 (2000) - 10.7927/H4D798B9
Food Security (Food Insecurity Hotspots Data Set, v1) - 10.7927/cx02-2587
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Gridded Population of the World (GPW) v4.11 (population density UN WPP-adjusted) - 10.7927/H4F47M65
Poverty Mapping (Global Subnational Infant Mortality Rates, v2) - 10.7927/H4PN93JJ

Rigaud, K. K., de Sherbinin, A., Jones, B., Bergmann, J., Clement, V., Ober, K., . . . Midgley, A. (2018). *Groundswell: Preparing for Internal Climate Migration*. Retrieved from Washington DC: http://hdl.handle.net/10986/29461
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Gridded Population of the World (GPW) v4 (population count) - 10.7927/H4X63JVC

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

Riggio, J., Jacobson, A., Dollar, L., Bauer, H., Becker, M., Dickman, A., . . . Pimm, S. L. (2013). The size of savannah Africa: a lion's (*Panthera leo*) view. *Biodiversity and Conservation, 22*(1), 17-35. doi:10.1007/s10531-012-0381-4
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (MERIS GlobCover)

Riginos, C., Crandall, E. D., Liggins, L., Bongaerts, P., & Treml, E. A. (2016). Navigating the currents of seascape genomics: How spatial analyses can augment population genomic studies. *Current Zoology, 62*(6), 581-601. doi:10.1093/cz/zow067
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (Aquarius)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (AVHRR)

Ripberger, J. T., Jenkins-Smith, H. C., Silva, C. L., Carlson, D. E., & Henderson, M. (2014). Social media and severe weather: Do tweets provide a valid indicator of public attention to severe weather risk communication? *Weather, Climate, and Society, 6*, 520-530. doi:10.1175/wcas-d-13-00028.1
Gridded Population of the World (GPW) v3 (population count future estimates)

Rishmawi, K., & Prince, S. (2016). Environmental and anthropogenic degradation of vegetation in the Sahel from 1982 to 2006. *Remote Sensing, 8*(11), 27. doi:10.3390/rs8110948
Global Agricultural Lands (collection)
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS - VCF)
REMOTE SENSING (AVHRR GIMMS NDVI)

Ritzema, R. S., Frelat, R., Douxchamps, S., Silvestri, S., Rufino, M. C., Herrero, M., . . . van Wijk, M. T. (2017). Is production intensification likely to make farm households food-adequate? A simple food availability analysis across smallholder farming systems from East and West Africa. *Food Security, 9*(1), 115-131. doi:10.1007/s12571-016-0638-y
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB

Robbins, J. C., & Titley, H. A. (2018). Evaluating high-impact precipitation forecasts from the Met Office Global Hazard Map using a global impact database. *Meteorological Applications, 25*(4), 548-560. doi:10.1002/met.1720
Gridded Population of the World (GPW) v3 (population density)

Roberts, B., Rose, A., Heatwole, N., Wei, D., Avetisyan, M., Chan, O., & Maya, I. (2014). The impact on the US economy of changes in wait times at ports of entry. *Transport Policy, 35*, 162-175. doi:10.1016/j.tranpol.2014.05.010
Gridded Population of the World (GPW) v3 (centroids)

Roberts, B., Rose, A., Heatwole, N., Wei, D., Avetisyan, M., Prager, F., . . . Maya, I. (2017). Economic impacts of changes in wait times at U.S. ports of entry. In A. E. Abbas, M. Tambe, & D. von Winterfelt (Eds.), *Improving Homeland Security Decisions* (pp. 277-323): Cambridge University

Press.

Gridded Population of the World (GPW) v3 (centroids)

Roberts, G., Wooster, M. J., Xu, W., Freeborn, P. H., Morcrette, J. J., Jones, L., . . . Kaiser, J. (2015). LSA
SAF Meteosat FRP Products: Part 2 – Evaluation and demonstration of use in the Copernicus
Atmosphere Monitoring Service (CAMS). *Atmospheric Chemistry and Physics, 15*, 13241-13267.
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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (SEVIRI)

Robinet, C., Imbert, C.-E., Rousselet, J., Sauvard, D., Garcia, J., Goussard, F., & Roques, A. (2012).
Human-mediated long-distance jumps of the pine processionary moth in Europe. *Biological
Invasions, 14*(8), 1557-1569. doi:10.1007/s10530-011-9979-9

Gridded Population of the World (GPW) v3 (population density)

Robinet, C., Rousselet, J., & Roques, A. (2014). Potential spread of the pine processionary moth in
France: preliminary results from a simulation model and future challenges. *Annals of Forest
Science, 71*(2), 149-160. doi:10.1007/s13595-013-0287-7

Gridded Population of the World (GPW) v3 (population density)

Robinet, C., Suppo, C., & Darrouzet, E. (2017). Rapid spread of the invasive yellow-legged hornet in
France: the role of human-mediated dispersal and the effects of control measures. *Journal of
Applied Ecology, 54*(1), 205-215. doi:10.1111/1365-2664.12724

Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Robinet, C., Van Opstal, N., Baker, R., & Roques, A. (2011). Applying a spread model to identify the entry
points from which the pine wood nematode, the vector of pine wilt disease, would spread most
rapidly across Europe. *Biological Invasions, 13*(12), 2981-2995. doi:10.1007/s10530-011-9983-0

Gridded Population of the World (GPW) v3 (population density)

Robinson, D. P., Das, S., & Searle, M. P. (2010). Earthquake fault superhighways. *Tectonophysics,
493*(3-4), 236-243. doi:10.1016/j.tecto.2010.01.010

Gridded Population of the World (GPW) v3 (population count)

Robinson, J., New, A. L., Popova, E. E., Srokosz, M. A., & Yool, A. (2017). Far-field connectivity of the UK's
four largest marine protected areas: Four of a kind? *Earth's Future, 5*(5), 475-494.
doi:10.1002/2016EF000516

Gridded Population of the World (GPW) v3 (population count) - 10.7927/H42B8VZZ

Rockström, J., Falkenmark, M., Karlberg, L., Hoff, H., Rost, S., & Gerten, D. (2009). Future water
availability for global food production: The potential of green water for increasing resilience to
global change. *Water Resources Research, 45*, W00A12. doi:10.1029/2007WR006767

Gridded Population of the World (GPW) v3 (unspecified)

Rockström, J., & Karlberg, L. (2009). Zooming in on the Global Hotspots of Rainfed Agriculture in
Water-constrained Environments. In S. P. Wani, J. Röckstorm, & T. Oweis (Eds.), *Rainfed
Agriculture: Unlocking the Potential* (Vol. 7, pp. 36-43): CABI.

Gridded Population of the World (GPW) v3 (unspecified)

Rodríguez-Lado, L., Sun, G., Berg, M., Zhang, Q., Xue, H., Zheng, Q., & Johnson, C. A. (2013). Groundwater arsenic contamination throughout China. *Science, 341*(6148), 866-868. doi:10.1126/science.1237484
Gridded Population of the World (GPW) v3 (population density)

Roni, R., & Jia, P. (2020). An optimal population modeling approach using geographically weighted regression based on high-resolution remote sensing data: A case study in Dhaka City, Bangladesh. *Remote Sensing, 12*(7), 1184. doi:10.3390/rs12071184
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent) - 10.7927/H4GH9FVG
REMOTE SENSING (WorldView-2)

Roques, L., Rossi, J.-P., Berestycki, H., Rousselet, J., Garnier, J., Roquejoffre, J.-M., . . . Robinet, C. (2015). Modeling the spatio-temporal dynamics of the Pine Processionary Moth. In A. Roques (Ed.), *Processionary Moths and Climate Change : An Update* (pp. 227-263): Springer Netherlands.
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (SPOT 5)

Rosvold, E. L., & Buhaug, H. (2021). GDIS, a global dataset of geocoded disaster locations. *Scientific Data, 8*(1), 61. doi:10.1038/s41597-021-00846-6
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Natural Disasters (Geocoded Disasters (GDIS) Dataset, v1) - 10.7927/zz3b-8y61

Rouholahnejad, E., Abbaspour, K. C., Srinivasan, R., Bacu, V., & Lehmann, A. (2014). Water resources of the Black Sea Basin at high spatial and temporal resolution. *Water Resources Research, 50*(7), 5866-5885. doi:10.1002/2013wr014132
Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (MODIS)

Rourke, J. M. A. (2011). *Seasonal Prediction of African Rainfall With a Focus on Kenya.* (Ph.D.). University College London, London. Retrieved from http://discovery.ucl.ac.uk/1302403/
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H42B8VZZ

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Gridded Population of the World (GPW) v3 (unspecified)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (DMSP-OLS)

Ruppert, J. L. W., Vigliola, L., Kulbicki, M., Labrosse, P., Fortin, M.-J., & Meekan, M. G. (2018). Human activities as a driver of spatial variation in the trophic structure of fish communities on Pacific coral reefs. *Global Change Biology, 24*(1), e67-e79. doi:10.1111/gcb.13882

Gridded Population of the World (GPW) v3 (population density future estimates)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Sá, A., Pereira, J., Charlton, M., Mota, B., Barbosa, P., & Stewart Fotheringham, A. (2011). The pyrogeography of sub-Saharan Africa: a study of the spatial non-stationarity of fire–environment relationships using GWR. *Journal of Geographical Systems, 13*(3), 227-248. doi:10.1007/s10109-010-0123-7
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (AVHRR)

Safriel, U., Adeel, Z., Niemeijer, P., White, R., Lal, R., Winslow, M., . . . Caroline, K. (2005). Dryland systems. In R. Hassan, R. Scholes, & N. Ash (Eds.), *Ecosystems and Human Well-being: Current State and Trends* (Vol. 1, pp. 623-662). Washington: Island Press.
Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density) alpha

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Gridded Population of the World (GPW) v3 (population density future estimates)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Salameh, E., Frappart, F., Marieu, V., Spodar, A., Parisot, J.-P., Hanquiez, V., . . . Laignel, B. (2018). Monitoring sea level and topography of coastal lagoons using satellite radar altimetry: The axample of the Arcachon Bay in the Bay of Biscay. *Remote Sensing, 10*(2), 297. doi:10.3390/rs10020297
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (CryoSat-2)
REMOTE SENSING (ERS-2)
REMOTE SENSING (ENVISAT)
REMOTE SENSING (SARAL)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)

Sallam, O. M. (2014). Water footprints as an indicator for the equitable utilization of shared water resources (case study: Egypt and Ethiopia shared water resources in Nile Basin). *Journal of African Earth Sciences, 100*, 645-655. doi:10.1016/j.jafrearsci.2014.08.007
Gridded Population of the World (GPW) v3 (population density)

Salvatore, M., Pozzi, F., Ataman, E., Huddleston, B., & Bloise, M. (2005). *Mapping global urban and rural population estimates*. Retrieved from Rome: http://www.fao.org/docrep/009/a0310e/a0310e00.htm
Gridded Population of the World (GPW) v1
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Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Samadoulougou, S., Maheu-Giroux, M., Kirakoya-Samadoulougou, F., De Keukeleire, M., Castro, M. C., & Robert, A. (2014). Multilevel and geo-statistical modeling of malaria risk in children of Burkina Faso. *Parasites & Vectors, 7*(350). doi:10.1186/1756-3305-7-350
Gridded Population of the World (GPW) v3 (population density)

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Samson, J., Berteaux, D., McGill, B. J., & Humphries, M. M. (2011). Geographic disparities and moral hazards in the predicted impacts of climate change on human populations. *Global Ecology and Biogeography, 20*(4), 532-544. doi:10.1111/j.1466-8238.2010.00632.x
Gridded Population of the World (GPW) v3 (population density)

Sánchez-Mercado, A., Asmüssen, M., Rodríguez-Clark, K. M., Rodríguez, J. P., & Jedrzejewski, W. (2016). Using spatial patterns in illegal wildlife uses to reveal connections between subsistence hunting and trade. *Conservation Biology, 30*(6), 1222-1232. doi:10.1111/cobi.12744
Gridded Population of the World (GPW) v3 (population density)

Sander, L., Holtzman, D., Pauly, M., & Cohn, J. (2015). Time savings - realized and potential - and fair compensation for community health workers in Kenyan health facilities: a mixed-methods approach. *Human Resources for Health, 13*(1), 6. doi:10.1186/1478-4491-13-6
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent) Balk et al 2006

Santangeli, A., Toivonen, T., Pouzols, F. M., Pogson, M., Hastings, A., Smith, P., & Moilanen, A. (2016). Global change synergies and trade-offs between renewable energy and biodiversity. *GCB Bioenergy, 8*(5), 941-951. doi:10.1111/gcbb.12299
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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)
Natural Disaster Hotspots (collection)

Sarikavak, Y., & Boxall, A. (2019). The impacts of pollution for new high-speed railways: the case of noise in Turkey. *Acoustics Australia, 47*(2), 141-151. doi:10.1007/s40857-019-00154-5
Gridded Population of the World (GPW) v3 (unspecified)

Sasson, I., & Weinreb, A. (2017). Land cover change and fertility in West-Central Africa: rural livelihoods and the vicious circle model. *Population and Environment, 38*(4), 345-368.

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NASA REMOTE SENSING (MODIS)

Sato, A. H., Ito, I., Sawai, H., & Iwata, K. (2015, Oct. 29 2015-Nov. 1 2015). *An epidemic simulation with a delayed stochastic SIR model based on international socioeconomic-technological databases.* Paper presented at the 2015 IEEE International Conference on Big Data (Big Data).
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

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Gridded Population of the World (GPW) v3 (population count)

Satta, A., Puddu, M., Venturini, S., & Giupponi, C. (2017). Assessment of coastal risks to climate change related impacts at the regional scale: The case of the Mediterranean region. *International Journal of Disaster Risk Reduction, 24*, 284-296. doi:10.1016/j.ijdrr.2017.06.018
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
REMOTE SENSING (AVISO)

Satta, A., Venturini, S., Puddu, M., Firth, J., & Lafitte, A. (2015). *Strengthening the Knowledge Base on Regional Climate Variability and Change: Application of a Multi-Scale Coastal Risk Index at Regional and Local Scale in the Mediterranean*. Retrieved from Valbonne, France: http://planbleu.org/en/publications/strengthening-knowledge-base-regional-climate-variability-and-change-application-multi
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
REMOTE SENSING (AVISO)

Schaldach, R., Priess, J. A., & Alcamo, J. (2011). Simulating the impact of biofuel development on country-wide land-use change in India. *Biomass and Bioenergy, 35*(6), 2401-2410. doi:10.1016/j.biombioe.2010.08.048
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR)

Schaner, N., Voisin, N., Nijssen, B., & Lettenmaier, D. P. (2012). The contribution of glacier melt to streamflow. *Environmental Research Letters, 7*(3), 034029. doi:10.1088/1748-9326/7/3/034029
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (TRMM)

Schewe, J., Heinke, J., Gerten, D., Haddeland, I., Arnell, N. W., Clark, D. B., . . . Kabat, P. (2014). Multimodel assessment of water scarcity under climate change. *Proceedings of the National Academy of Sciences, 111*(9), 3245-3250. doi:10.1073/pnas.1222460110
Gridded Population of the World (GPW) v3 (population count future estimates)

Schleypen, J. R., Dasgupta, S., Borsky, S., Jury, M., Ščasný, M., & Bezhanishvili, L. (2019). *D2.4 Impacts on Industry, Energy, Services, and Trade*. Retrieved from https://www.coacch.eu/wp-content/uploads/2020/05/D2.4_after-revision-to-upload.pdf
Gridded Population of the World (GPW) v3 (population count)

Schmidt, C., Krauth, T., & Wagner, S. (2017). Export of plastic debris by rivers into the sea. *Environmental Science & Technology, 51*(21), 12246-12253. doi:10.1021/acs.est.7b02368
Gridded Population of the World (GPW) v3 (population count future estimates)
Gridded Population of the World (GPW) v3 (admin boundaries)

Schmidt, J. P., Park, A. W., Kramer, A. M., Han, B., A., Alexander, L. W., & Drake, J. M. (2017). Spatiotemporal fluctuations and triggers of Ebola virus spillover. *Emerging Infectious Diseases, 23*(3), 415-422. doi:10.3201/eid2303.160101
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

Schmitt, R. J. P., Rubin, Z., & Kondolf, G. M. (2017). Losing ground - scenarios of land loss as consequence of shifting sediment budgets in the Mekong Delta. *Geomorphology, 294*, 58-69. doi:10.1016/j.geomorph.2017.04.029
Gridded Population of the World (GPW) v3 (population density)

Schneising, O., Buchwitz, M., Burrows, J. P., Bovensmann, H., Reuter, M., Notholt, J., . . . Warneke, T. (2008). Three years of greenhouse gas column-averaged dry air mole fractions retrieved from satellite – Part 1: Carbon dioxide. *Atmospheric Chemistry and Physics, 8*(14), 3827-3853. doi:10.5194/acp-8-3827-2008
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (SCIAMACHY)

Schrader, M., Hauffe, T., Zhang, Z., Davis, G. M., Jopp, F., Remais, J. V., & Wilke, T. (2013). Spatially explicit modeling of schistosomiasis risk in Eastern China based on a synthesis of epidemiological, environmental and intermediate host genetic data. *PLoS Neglected Tropical Diseases, 7*(7), e2327. doi:10.1371/journal.pntd.0002327
Gridded Population of the World (GPW) v3 (population count)

Schröder, W., Nickel, S., Schönrock, S., Meyer, M., Wosniok, W., Harmens, H., . . . Zechmeister, H. G. (2016). Spatially valid data of atmospheric deposition of heavy metals and nitrogen derived by moss surveys for pollution risk assessments of ecosystems. *Environmental Science and Pollution Research, 23*(11), 10457-10476. doi:10.1007/s11356-016-6577-5
Gridded Population of the World (GPW) v3 (population density future estimates)

Schucht, S., Colette, A., Rao, S., Holland, M., Schöpp, W., Kolp, P., . . . Rouïl, L. (2015). Moving towards ambitious climate policies: Monetised health benefits from improved air quality could offset mitigation costs in Europe. *Environmental Science & Policy, 50*, 252-269. doi:10.1016/j.envsci.2015.03.001
Gridded Population of the World (GPW) v3 (national identifier grid)

Schultz, M. G., Schröder, S., Lyapina, O., Cooper, O. R., Galbally, I. E., Petropavlovskikh, I., . . . Zhiqiang, M. (2017). Tropospheric ozone assessment report: Database and metrics data of global surface ozone observations. *Elementa: Science of the Anthropocene, 5*, 58pp. doi:10.1525/elementa.244

Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
REMOTE SENSING (DMSP-OLS)

Schulze, D. G. (2016). Soils of Humid Mid-Latitude Landscapes. In *International Encyclopedia of Geography: People, the Earth, Environment and Technology*: John Wiley & Sons, Ltd.
Global Agricultural Lands (Cropland) - 10.7927/H4C8276G
Global Agricultural Inputs (nitrogen fertilizer application) - 10.7927/H4Q81B0R
Global Agricultural Inputs (phosphorous fertilizer application) - 10.7927/H4FQ9TJR
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Schumann, G., Kirschbaum, D., Anderson, E., & Rashid, K. (2016). Role of earth observation data in disaster response and recovery: From science to capacity building. In F. Hossain (Ed.), *Earth Science Satellite Applications: Current and Future Prospects* (pp. 119-146): Springer International Publishing.
Gridded Population of the World (GPW) v3 (collection)
NASA REMOTE SENSING (SRTM)
NASA REMOTE SENSING (GPM IMERG)
NASA REMOTE SENSING (SMAP)
NASA REMOTE SENSING (MODIS)

Schumann, G. J.-P., & Andreadis, K. M. (2016). A method to assess localized impact of better floodplain topography on flood risk prediction. *Advances in Meteorology, 2016*, 8 pp. doi:10.1155/2016/6408319
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (SRTM)

Schuol, J., Abbaspour, K. C., Yang, H., Srinivasan, R., & Zehnder, A. J. B. (2008). Modeling blue and green water availability in Africa. *Water Resources Research, 44*, W07406. doi:10.1029/2007wr006609
Gridded Population of the World (GPW) v3 (population count)

Schutte, S. (2015). Geography, outcome, and casualties: A unified model of insurgency. *Journal of Conflict Resolution, 59*(6), 1101-1128. doi:10.1177/0022002713520534
Gridded Population of the World (GPW) v3 (population count)

Schutte, S. (2017). Violence and civilian loyalties: Evidence from Afghanistan. *Journal of Conflict Resolution, 61*(8), 1595-1625. doi:10.1177/0022002715626249
Gridded Population of the World (GPW) v3 (population count)

Schutte, S., & Donnay, K. (2014). Matched wake analysis: Finding causal relationships in spatiotemporal event data. *Political Geography, 41*, 1-10. doi:10.1016/j.polgeo.2014.03.001
Gridded Population of the World (GPW) v3 (unspecified)

Scull, P., Cardelús, C. L., Klepeis, P., Woods, C. L., Frankl, A., & Nyssen, J. (2017). The resilience of Ethiopian church forests: Interpreting aerial photographs, 1938–2015. *Land Degradation & Development, 28*(2), 450-458. doi:10.1002/ldr.2633
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

Sebastian, K. (2014). *Atlas of African Agriculture Research and Development: Revealing Agriculture's Place in Africa*: IFPRI.
Gridded Population of the World (GPW) v3 (centroids)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)

Sedda, L., Morley, D., & Brown, H. E. (2015). Characteristics of wind-infective farms of the 2006 bluetongue serotype 8 epidemic in Northern Europe. *EcoHealth, 12*(3), 461-467. doi:10.1007/s10393-014-1008-x
Gridded Population of the World (GPW) v3 (population density)

Seiler, J., Harttgen, K., Kneib, T., & Lang, S. (2021). Modelling children's anthropometric status using Bayesian distributional regression merging socio-economic and remote sensed data from South Asia and Sub-Saharan Africa. *Economics & Human Biology, 40*, 100950. doi:10.1016/j.ehb.2020.100950
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Gridded Population of the World (GPW) v4.11 (population density) - 10.7927/H49C6VHW
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (VIIRS NTL)

Selin, N. E., Paltsev, S., Wang, C., van Donkelaar, A., & Martin, R. V. (2011). *Global Aerosol Health Impacts: Quantifying Uncertainties*. Retrieved from Cambridge: http://globalchange.mit.edu/files/document/MITJPSPGC_Report_203.pdf
Gridded Population of the World (GPW) v3 (population count future estimates)

Selin, N. E., Wu, S., Nam, K. M., Reilly, J. M., Paltsev, S., Prinn, R. G., & Webster, M. D. (2009). Global health and economic impacts of future ozone pollution. *Environmental Research Letters, 4*(4), 044014. doi:10.1088/1748-9326/4/4/044014
Gridded Population of the World (GPW) v3 (population count)

Seltzer, K. M., Shindell, D. T., Faluvegi, G., & Murray, L. T. (2017). Evaluating modeled impact metrics for human health, agriculture growth, and near-term climate. *Journal of Geophysical Research: Atmospheres, 122*(24), 13506-13524. doi:10.1002/2017JD026780
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (TES)

Semenza, J. C., Tran, A., Espinosa, L., Sudre, B., Domanovic, D., & Paz, S. (2016). Climate change projections of West Nile virus infections in Europe: implications for blood safety practices. *Environmental Health, 15*(1), 125-136. doi:10.1186/s12940-016-0105-4
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS NDVI)

Seneviratne, S. I., Phipps, S. J., Pitman, A. J., Hirsch, A. L., Davin, E. L., Donat, M. G., . . . Kravitz, B. (2018). Land radiative management as contributor to regional-scale climate adaptation and mitigation. *Nature Geoscience, 11*(2), 88-96. doi:10.1038/s41561-017-0057-5
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Serneels, S., Linderman, M., & Lambin, E. (2007). A multilevel analysis of the impact of land use on

interannual land-cover change in East Africa. *Ecosystems, 10*(3), 402-418. doi:10.1007/s10021-007-9026-y
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Meteosat)

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NASA REMOTE SENSING (OMI)

Shapiro, J. T., Sovie, A. R., Faller, C. R., Monadjem, A., Fletcher, R. J., & McCleery, R. A. (2020). Ebola spillover correlates with bat diversity. *European Journal of Wildlife Research, 66*(1), 12. doi:10.1007/s10344-019-1346-7
Global Agricultural Lands (Cropland)
Global Agricultural Lands (Pasture)
Gridded Population of the World (GPW) v3 (population count)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)

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Gridded Population of the World (GPW) v3 (subnational admin boundaries)
REMOTE SENSING (Landsat)
REMOTE SENSING (DMSP-OLS)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS Aerosol Optical Thickness)

NASA REMOTE SENSING (OMI)

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NASA REMOTE SENSING (IMERG)

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Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (population density future estimates)
Global Reservoir and Dam (GRanD) v1.01 (reservoirs)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS Continuous Vegetation Fields MOD44B)
NASA REMOTE SENSING (MODIS land cover (MOD12Q1))
NASA REMOTE SENSING (MODIS MCD64A1)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (national boundaries)

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Gridded Population of the World (GPW) v3 (unspecified)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count future estimates)
NASA REMOTE SENSING (ASTER)

Sigman, H. (2014). Decentralization and environmental quality: An international analysis of water pollution levels and variation. *Land Economics, 90*(1), 114-130. Retrieved from http://le.uwpress.org/content/90/1/114.abstract
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Siljander, M., Clark, B. J. F., & Pellikka, P. K. E. (2011). A predictive modelling technique for human population distribution and abundance estimation using remote-sensing and geospatial data in a rural mountainous area in Kenya. *International Journal of Remote Sensing, 32*(21), 5997-6023. Retrieved from https://doi.org/10.1080/01431161.2010.499383
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (SPOT)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MOPITT CO)
REMOTE SENSING (GOSAT/ACOS CO2)

Simonite, T. (2016). Facebook's New Map of World Population Could Help Get Billions Online. *MIT Technology Review*. Retrieved from https://www.technologyreview.com/s/600852/facebooks-new-map-of-world-population-could-help-get-billions-online/
Gridded Population of the World (GPW) v3 (collection)

Sims, K. R. E. (2010). Conservation and development: Evidence from Thai protected areas. *Journal of Environmental Economics and Management, 60*(2), 94-114. doi:10.1016/j.jeem.2010.05.003
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

Singh, A., Willi, D., Chokani, N., & Abhari, R. S. (2014). Increasing on-shore wind generated electricity in Germany's transmission grid. *Journal of Engineering for Gas Turbines and Power, 137*(2), 021801. doi:10.1115/1.4028380
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density) map

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)

Siri, J. G., Lindblade, K. A., Rosen, D. H., Onyango, B., Vulule, J., Slutsker, L., & Wilson, M. L. (2008). Quantitative urban classification for malaria epidemiology in sub-Saharan Africa. *Malaria Journal, 7*(34), 9pp. doi:10.1186/1475-2875-7-34
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (Quickbird)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (AVHRR)

Slater, H., & Michael, E. (2013). Mapping, Bayesian geostatistical analysis and spatial prediction of lymphatic Filariasis prevalence in Africa. *PLoS ONE, 8*(8), e71574. doi:10.1371/journal.pone.0071574
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR NDVI)

Small, C. (2011). The Human Habitat. In R. P. Cincotta & L. J. Gorenflo (Eds.), *Human Population* (Vol. 1650, pp. 27-46): Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)

Smith, A., Bates, P. D., Wing, O., Sampson, C., Quinn, N., & Neal, J. (2019). New estimates of flood exposure in developing countries using high-resolution population data. *Nature Communications, 10*(1), 1814. doi:10.1038/s41467-019-09282-y
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (collection)

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http://www.bis.gov.uk/foresight/migration
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)

Socioeconomic Downscaled Projections (Country-Level GDP and Downscaled Projections Based on the SRES A1, A2, B1, and B2 Marker Scenarios, v1)

Smith, S. J., van Aardenne, J., Klimont, Z., Andres, R., Volke, A., & Delgado-Arias, S. (2010). Anthropogenic sulfur dioxide emissions: 1850–2005. *Atmospheric Chemistry and Physics, 10*, 16111-16151. doi:10.5194/acpd-10-16111-2010
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (VIIRS)

Snow, R. W., Guerra, C. A., Noor, A. M., Myint, H. Y., & Hay, S. I. (2005). The global distribution of clinical episodes of *Plasmodium falciparum* malaria. *Nature, 434*(7030), 214-217. doi:10.1038/nature03342
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

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Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (population density)

Sokharavuth, P., Thiv, S., Nara, C., Him, C., Sokyimeng, S., Henze, D. K., . . . Slater, J. (2023). Air pollution mitigation assessment to inform Cambodia's first clean air plan. *Environmental Research, 220*, 115230. doi:10.1016/j.envres.2023.115230
Gridded Population of the World (GPW) v3 (unspecified)

Sokolow, S. H., Jones, I. J., Jocque, M., La, D., Cords, O., Knight, A., . . . De Leo, G. A. (2017). Water, dams, and prawns: novel ecological solutions for the control and elimination of schistosomiasis. *The Lancet, 389, Supplement 2*, S20. doi:10.1016/S0140-6736(17)31132-7
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)

Song, G., Yu, M., Liu, S., & Zhang, S. (2015). A dynamic model for population mapping: a methodology integrating a Monte Carlo simulation with vegetation-adjusted night-time light images. *International Journal of Remote Sensing, 36*(15), 4054-4068. doi:10.1080/01431161.2015.1073862
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (DMSP-OLS)

Song, X., Zhang, Z., Chen, Y., Wang, P., Xiang, M., Shi, P., & Tao, F. (2014). Spatiotemporal changes of global extreme temperature events (ETEs) since 1981 and the meteorological causes. *Natural Hazards, 70*(2), 975-994. doi:10.1007/s11069-013-0856-y
Gridded Population of the World (GPW) v3 (population count)

Songer, M., Aung, M., Allendorf, T. D., Calabrese, J. M., & Leimgruber, P. (2016). Drivers of change in Myanmar's wild elephant distribution. *Tropical Conservation Science, 9*(4), 10 pp. doi:10.1177/1940082916673749
Gridded Population of the World (GPW) v3 (population count)

Sorichetta, A., Hornby, G. M., Stevens, F. R., Gaughan, A. E., Linard, C., & Tatem, A. J. (2015). High-resolution gridded population datasets for Latin America and the Caribbean in 2010, 2015, and 2020. *Scientific Data, 2*, 150045. doi:10.1038/sdata.2015.45
Gridded Population of the World (GPW) v1
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)
Gridded Population of the World (GPW) v4 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (MODIS NPP)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (VIIRS)
REMOTE SENSING (MERIS GlobCover)

Stanley, T. A., Kirschbaum, D. B., Sobieszczyk, S., Jasinski, M. F., Borak, J. S., & Slaughter, S. L. (2020). Building a landslide hazard indicator with machine learning and land surface models. *Environmental Modelling & Software, 129*, 104692. doi:10.1016/j.envsoft.2020.104692
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Gridded Population of the World (GPW) v4.11 (population count) - 10.7927/H4JW8BX5

Stanton, M. C., Bockarie, M. J., & Kelly-Hope, L. A. (2013). Geographical factors affecting bed net ownership, a tool for the elimination of *Anopheles*-transmitted Lymphatic Filariasis in hard-to-reach communities. *PLoS ONE, 8*(1), e53755. doi:10.1371/journal.pone.0053755
Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Sterbenz, J. P. G., Çetinkaya, E. K., Hameed, M. A., Jabbar, A., Qian, S., & Rohrer, J. P. (2013). Evaluation of network resilience, survivability, and disruption tolerance: analysis, topology generation, simulation, and experimentation. *Telecommunication Systems, 52*(2), 705-736. doi:10.1007/s11235-011-9573-6
Gridded Population of the World (GPW) v3 (population density)

Sterzel, T., Lüdeke, M. K. B., Walther, C., Kok, M. T. J., Sietz, D., & Lucas, P. L. (2020). Typology of coastal urban vulnerability under rapid urbanization. *PLoS ONE, 15*(1), e0220936. doi:10.1371/journal.pone.0220936
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4 (collection)
Natural Disaster Hotspots (cyclone hazard frequency and distribution)
Natural Disaster Hotspots (cyclone mortality risks)
Natural Disaster Hotspots (flood hazard frequency and distribution)
Natural Disaster Hotspots (flood mortality risks)
NASA REMOTE SENSING (SRTM)

Stevens, F. R., Gaughan, A. E., Linard, C., & Tatem, A. J. (2015). Disaggregating census data for population mapping using random forests with remotely-sensed and ancillary data. *PLoS ONE, 10*(2), e0107042. doi:10.1371/journal.pone.0107042
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (SRTM - HydroSheds)
NASA REMOTE SENSING (MODIS NPP)
REMOTE SENSING (EarthSat GeoCover Land Cover TM)
REMOTE SENSING (VIIRS)

Stevens, K. B., Gilbert, M., & Pfeiffer, D. U. (2013). Modelling habitat suitability for occurrence of highly pathogenic avian influenza virus H5N1 in domestic poultry in Asia: a spatial multicriteria decision analysis approach. *Spatial and Spatio-temporal Epidemiology, 4*, 1-14. doi:10.1016/j.sste.2012.11.002
Gridded Population of the World (GPW) v3 (population density)

Stith, M., Giannini, A., del Corral, J., Adamo, S. B., & de Sherbinin, A. M. (2016). A quantitative evaluation of the multiple narratives of the recent Sahelian "re-greening". *Weather, Climate, and Society, 8*(1), 67-83. doi:10.1175/WCAS-D-15-0012.1
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Stohl, A., J., K., S., L., O'Doherty, S., Mühle, J., Salameh, P. K., . . . Zhou, L. X. (2010).

Hydrochlorofluorocarbon and hydrofluorocarbon emissions in East Asia determined by inverse modeling. *Atmospheric Chemistry and Physics, 10*, 3545-3560. doi:10.5194/acp-10-3545-2010
Gridded Population of the World (GPW) v3 (population count future estimates)

Stohl, A., Seibert, P., Arduini, J., Eckhardt, S., Fraser, P., Greally, B. R., . . . Yokouchi, Y. (2009). An analytical inversion method for determining regional and global emissions of greenhouse gases: Sensitivity studies and application to halocarbons. *Atmospheric Chemistry and Physics, 9*(5), 1597-1620. doi:10.5194/acp-9-1597-2009
Gridded Population of the World (GPW) v3 (population count)

Stone, R., Callaway, R., & Bull, J. C. (2019). Are biodiversity offsetting targets of ecological equivalence feasible for biogenic reef habitats? *Ocean & Coastal Management, 177*, 97-111. doi:10.1016/j.ocecoaman.2019.04.003
Gridded Population of the World (GPW) v3 (population density)

Storeygard, A., Balk, D., Levy, M. A., & Deane, G. (2008). The global distribution of infant mortality: a subnational spatial view. *Population, Space and Place, 14*(3), 209-229. doi:10.1002/psp.484
Gridded Population of the World (GPW) v3 (land and geographic unit area grids)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Strader, S. M., Pingel, T. J., & Ashley, W. S. (2016). A Monte Carlo model for estimating tornado impacts. *Meteorological Applications, 23*(2), 269-281. doi:10.1002/met.1552
Gridded Population of the World (GPW) v3 (collection)
U.S. Census Grids (collection)

Strassburg, B. B. N., Latawiec, A. E., Creed, A., Nguyen, N., Sunnenberg, G., Miles, L., . . . Iribarrem, A. (2013). Biophysical suitability, economic pressure and land-cover change: a global probabilistic approach and insights for REDD+. *Sustainability Science*, 1-13. doi:10.1007/s11625-013-0209-5
Gridded Population of the World (GPW) v3 (population count)

Strubbe, D., & Matthysen, E. (2009). Establishment success of invasive ring-necked and monk parakeets in Europe. *Journal of Biogeography, 36*(12), 2264-2278. doi:10.1111/j.1365-2699.2009.02177.x
Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v1 (Global Human Footprint (Geographic))

Stuart-Smith, R. D., Edgar, G. J., Stuart-Smith, J. F., Barrett, N. S., Fowles, A. E., Hill, N. A., . . . Thomson, R. J. (2015). Loss of native rocky reef biodiversity in Australian metropolitan embayments. *Marine Pollution Bulletin, 95*(1), 324-332. doi:10.1016/j.marpolbul.2015.03.023
Gridded Population of the World (GPW) v3 (population density)

Su, M.-D., Lin, M.-C., Hsieh, H.-I., Tsai, B.-W., & Lin, C.-H. (2010). Multi-layer multi-class dasymetric mapping to estimate population distribution. *Science of The Total Environment, 408*(20), 4807-4816. doi:10.1016/j.scitotenv.2010.06.032
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Sun, Z., An, X., Tao, Y., & Hou, Q. (2013). Assessment of population exposure to PM10 for respiratory

disease in Lanzhou (China) and its health-related economic costs based on GIS. *BMC Public Health, 13*(1), 891. doi:10.1186/1471-2458-13-891
Gridded Population of the World (GPW) v3 (population count)

Sundberg, R., & Melander, E. (2013). Introducing the UCDP Georeferenced Event Dataset. *Journal of Peace Research, 50*(4), 523-532. doi:10.1177/0022343313484347
Gridded Population of the World (GPW) v3 (population density)

Sutton, W. R., Srivastava, J. P., Neumann, J. E., Iglesias, A., & Boehlert, B. B. (2013). *Reducing the vulnerability of Moldova's agricultural systems to climate change : impact assessment and adaptation options* Retrieved from Washington: http://documents.worldbank.org/curated/en/2013/01/18341622/reducing-vulnerability-moldo vas-agricultural-systems-climate-change-impact-assessment-adaptation-options
Gridded Population of the World (GPW) v3 (unspecified)

Svoray, T., Dorman, M., Abu-Kaf, S., Shahar, G., & Gifford, R. (2022). Nature and happiness in an individualist and a collectivist culture. *Scientific Reports, 12*(1), 7701. doi:10.1038/s41598-022-11619-5
Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Landsat)

Syvitski, J. P. M., & Milliman, J. D. (2007). Geology, geography, and humans battle for dominance over the delivery of fluvial sediment to the coastal ocean. *The Journal of Geology, 115*(1), 1-19. doi:10.1086/509246
Gridded Population of the World (GPW) v3 (population density)

Szabó, S., Moner-Girona, M., Kougias, I., Bailis, R., & Bódis, K. (2016). Identification of advantageous electricity generation options in sub-Saharan Africa integrating existing resources. *Nature Energy, 1*(16140), 8 pp. doi:10.1038/nenergy.2016.140
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)
NASA REMOTE SENSING (VIIRS)

Tabari, H., & Willems, P. (2023). Global risk assessment of compound hot-dry events in the context of future climate change and socioeconomic factors. *npj Climate and Atmospheric Science, 6*(1), 74. doi:10.1038/s41612-023-00401-7
Gridded Population of the World (GPW) v3 (population count)

Taber, E. D., & Smithwick, E. A. H. (2015). Influence of protected areas on malaria prevalence in Sub-Saharan Africa. *Applied Geography, 64*, 35-45. doi:10.1016/j.apgeog.2015.09.001
Gridded Population of the World (GPW) v3 (population density future estimates)
REMOTE SENSING (MERIS GlobCover)

Tainio, M., Sofiev, M., Hujo, M., Tuomisto, J. T., Loh, M., Jantunen, M. J., . . . Kukkonen, J. (2009). Evaluation of the European population intake fractions for European and Finnish anthropogenic primary fine particulate matter emissions. *Atmospheric Environment, 43*(19), 3052-3059. doi:10.1016/j.atmosenv.2009.03.030

Gridded Population of the World (GPW) v3 (population count)

Takahashi, K., Honda, Y., & Emori, S. (2007). Assessing mortality risk from heat stress due to global warming. *Journal of Risk Research, 10*(3), 339-354. doi:10.1080/13669870701217375
Gridded Population of the World (GPW) v3 (unspecified)

Takemura, S., Miki, H., & Tokita, K. (2018). Semantic network modelling and the integrated local environmental knowledge simulator. In T. Sato, I. Chabay, & J. Helgeson (Eds.), *Transformations of Social-Ecological Systems: Studies in Co-creating Integrated Knowledge Toward Sustainable Futures* (pp. 353-372). Singapore: Springer Singapore.
Gridded Population of the World (GPW) v3 (population density)

Takeshima, H., Nin-Pratt, A., & Diao, X. (2013). Mechanization and agricultural technology evolution, agricultural intensification in Sub-Saharan Africa: Typology of agricultural mechanization in Nigeria. *American Journal of Agricultural Economics, 95*(5), 1230-1236. doi:10.1093/ajae/aat045
Gridded Population of the World (GPW) v3 (population density future estimates)

Talaue-McManus, L. (2010). Examining human impacts on global biogeochemical cycling via the coastal zone and ocean margins. In K.-K. Liu, L. Atkinson, R. Quiñones, & L. Talaue-McManus (Eds.), *Carbon and Nutrient Fluxes in Continental Margins* (pp. 497-514): Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v3 (population count)

Tamblyn, R., Meyers, D., Kratzmann, M., Bazemore, A., Bierman, A. S., Bindman, A. B., . . . Reid, R. H. (2018). Shared vision for primary care delivery and research in Canada and the United States: Highlights from the cross-border symposium. *Canadian Family Physician, 64*(12), 930-934. Retrieved from http://www.cfp.ca/content/64/12/930
Gridded Population of the World (GPW) v3 (unspecified)

Tamene, L., & Le, Q. B. (2015). Estimating soil erosion in sub-Saharan Africa based on landscape similarity mapping and using the revised universal soil loss equation (RUSLE). *Nutrient Cycling in Agroecosystems, 102*(1), 17-31. doi:10.1007/s10705-015-9674-9
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS NDVI)

Tamene, L., Le, Q. B., Sileshi, G. W., Aynekulu, E., Kizito, F., Bossio, D., & Vlek, P. (2019). Remote sensing and climate data for targeting landscape restoration in Africa. In K. M. Hagdu, B. Bishaw, M. IIiyama, E. Birhane, A. Negussie, C. M. Davis, & B. Bernart (Eds.), *Climate-Smart Agriculture: Enhancing Resilient Agricultural Systems, Landscapes, and Livelihoods in Ethiopia and Beyond* (pp. 231-241). Nairobi, Kenya: World Agroforestry (ICRAF).
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (AVHRR)

Tan, Z., Leung, L. R., Li, H., Tesfa, T., Vanmaercke, M., Poesen, J., . . . Hartmann, J. (2017). A global data analysis for representing sediment and particulate organic carbon yield in earth system models. *Water Resources Research, 53*(12), 10674-10700. doi:10.1002/2017WR020806
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
NASA REMOTE SENSING (AMSR-E)

Tang, L., Nagashima, T., Hasegawa, K., Ohara, T., Sudo, K., & Itsubo, N. (2018). Development of human health damage factors for PM2.5 based on a global chemical transport model. *The International Journal of Life Cycle Assessment, 23*(12), 2300-2310. doi:10.1007/s11367-014-0837-8
Gridded Population of the World (GPW) v3 (population count)

Tang, L., Nagashima, T., Hasegawa, K., Ohara, T., Sudo, K., & Itsubo, N. (2018). Development of human health damage factors for tropospheric ozone considering transboundary transport on a global scale. *The International Journal of Life Cycle Assessment, 23*(12), 2339-2348. doi:10.1007/s11367-015-1001-9
Gridded Population of the World (GPW) v3 (population count)

Tang, Q., & Lettenmaier, D. P. (2012). 21st century runoff sensitivities of major global river basins. *Geophysical Research Letters, 39*(6), L06403. doi:10.1029/2011gl050834
Gridded Population of the World (GPW) v3 (population count)

Tang, Z., Fang, J., Sun, J., & Gaston, K. J. (2011). Effectiveness of protected areas in maintaining plant production. *PLoS ONE, 6*(4), e19116. doi:10.1371/journal.pone.0019116
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR GIMMS NDVI)

Tanser, F., Gething, P. W., & Atkinson, P. (2009). Location-allocation Planning. In *A Companion to Health and Medical Geography* (pp. 540-566): Wiley-Blackwell.
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Tanzer, S. (2012). Why Is There Such A Strong Correlation Between Geographic Distance From The Equator And Prosperity? *Forbes, 2012(2012/03/20)*. Retrieved from http://www.forbes.com/sites/quora/2012/03/20/why-is-there-such-a-strong-correlation-betwe en-geographic-distance-from-the-equator-and-prosperity/
Gridded Population of the World (GPW) v3 (population count)

Taramelli, A., & Melelli, L. (2007). Strategy to delineate potentially affected areas by Hurricane using a GIS approach: The Dennis event on Cuba island [La valutazione della pericolosita? da uragano in ambiente GIS: Il caso dell'uragano Dennis su Cuba]. *Rendiconti della Societa Geologica Italiana, 4*, 27-34. Retrieved from http://www.scopus.com/scopus/inward/record.url?eid=2-s2.0-34247857514&partnerID=40&rel =R6.5.0
Gridded Population of the World (GPW) v3 (collection)
NASA REMOTE SENSING (SRTM)

Taramelli, A., Pasqui, M., Melelli, L., Santini, M., & Sorichetta, A. (2011). Modelling Hurricane Related Hazards and Risk through GIS for Early Warning Systems. In A. Lupo (Ed.), *Recent Hurricane Research - Climate, Dynamics and Societal Impacts* (pp. 357-372): InTech.
Gridded Population of the World (GPW) v3 (population count)

Tatem, A. J., Adamo, S. B., Bharti, N., Burgert, C., Castro, M., Dorelien, A., . . . Balk, D. (2012). Mapping populations at risk: improving spatial demographic data for infectious disease modeling and metric derivation. *Population Health Metrics, 10*(8), 1-14. doi:10.1186/1478-7954-10-8

Gridded Population of the World (GPW) v3 (collection)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Tatem, A. J., Campiz, N., Gething, P. W., Snow, R. W., & Linard, C. (2011). The effects of spatial population dataset choice on estimate of population at risk of disease. *Population Health Metrics, 9*(4), 14. doi:10.1186/1478-7954-9-4
Gridded Population of the World (GPW) v3 (population count)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)

Tatem, A. J., Noor, A. M., von Hagen, C., Di Gregorio, A., & Hay, S. I. (2007). High resolution population maps for low income nations: Combining land cover and census in East Africa. *PLoS ONE, 2*(12), e1298. doi:10.1371/journal.pone.0001298
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (RADARSAT-1)
REMOTE SENSING (Landsat ETM)

Teichman, K. J., Cristescu, B., & Nielsen, S. E. (2013). Does sex matter? Temporal and spatial patterns of cougar-human conflict in British Columbia. *PLoS ONE, 8*(9), e74663. doi:10.1371/journal.pone.0074663
Gridded Population of the World (GPW) v3 (population density)

Tessarolo, G., Rangel, T. F., Araújo, M. B., & Hortal, J. (2014). Uncertainty associated with survey design in Species Distribution Models. *Diversity and Distributions, 20*(11), 1258-1269. doi:10.1111/ddi.12236
Gridded Population of the World (GPW) v3 (population density)

Tessler, Z. D., Vörösmarty, C. J., Grossberg, M., Gladkova, I., & Aizenman, H. (2016). A global empirical typology of anthropogenic drivers of environmental change in deltas. *Sustainability Science, 11*(4), 525-537. doi:10.1007/s11625-016-0357-5
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (DMSP-OLS)

Thebo, A. L., Drechsel, P., & Lambin, E. F. (2014). Global assessment of urban and peri-urban agriculture: irrigated and rainfed croplands. *Environmental Research Letters, 9*(11), 114002. doi:10.1088/1748-9326/9/11/114002
Gridded Population of the World (GPW) v3 (national boundaries)
Global Rural-Urban Mapping Project (GRUMP) v1 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Thebo, A. L., Drechsel, P., Lambin, E. F., & Nelson, K. L. (2017). A global, spatially-explicit assessment of irrigated croplands influenced by urban wastewater flows. *Environmental Research Letters, 12*(7), 12pp. doi:10.1088/1748-9326/aa75d1
Gridded Population of the World (GPW) v3 (national boundaries)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Theisen, O. M. (2012). Climate clashes? Weather variability, land pressure, and organized violence in Kenya, 1989–2004. *Journal of Peace Research, 49*(1), 81-96. doi:10.1177/0022343311425842
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

Theisen, O. M., Holtermann, H., & Buhaug, H. (2011). Climate wars? Assessing the claim that drought breeds conflict. *International Security, 36*(3), 79-106. doi:10.1162/ISEC_a_00065
Gridded Population of the World (GPW) v3 (population count)

Thomassen, H. A., Buermann, W., Milá, B., Graham, C. H., Cameron, S. E., Schneider, C. J., . . . Smith, T. B. (2010). Modeling environmentally associated morphological and genetic variation in a rainforest bird, and its application to conservation prioritization. *Evolutionary Applications, 3*(1), 1-16. doi:10.1111/j.1752-4571.2009.00093.x
Gridded Population of the World (GPW) v3 (population density)

Thompson, R. L., Manning, A. C., Gloor, E., Schultz, U., Seifert, T., Hansel, F., . . . Heimann, M. (2009). In-situ measurements of oxygen, carbon monoxide and greenhouse gases from Ochsenkopf tall tower in Germany. *Atmospheric Measurement Techniques Discussions, 2*, 1247-1291. doi:10.5194/amtd-2-1247-2009
Gridded Population of the World (GPW) v3 (population density)

Thomson, A., Calvin, K., Smith, S. J., Kyle, G., Volke, A., Patel, P., . . . Edmonds, J. (2011). RCP4.5: a pathway for stabilization of radiative forcing by 2100. *Climatic Change, 109*(1), 77-94. doi:10.1007/s10584-011-0151-4
Gridded Population of the World (GPW) v3 (population count)

Thornton, P. K., Ericksen, P. J., Herrero, M., & Challinor, A. J. (2014). Climate variability and vulnerability to climate change: a review. *Global Change Biology, 20*(11), 3313-3328. doi:10.1111/gcb.12581
Gridded Population of the World (GPW) v3 (population count)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Thornton, P. K., & Herrero, M. (2015). Adapting to climate change in the mixed crop and livestock farming systems in sub-Saharan Africa. *Nature Climate Change, 5*(9), 830-836. doi:10.1038/nclimate2754
Gridded Population of the World (GPW) v3 (population count)

Thornton, P. K., Rosenstock, T., Förch, W., Lamanna, C., Bell, P., Henderson, B., & Herrero, M. (2018). A qualitative evaluation of CSA options in mixed crop-livestock systems in developing countries. In L. Lipper, N. McCarthy, D. Zilberman, S. Asfaw, & G. Branca (Eds.), *Climate Smart Agriculture : Building Resilience to Climate Change* (pp. 385-423). Cham: Springer International Publishing.
Gridded Population of the World (GPW) v3 (population count)

Tingley, R., Phillips, B. L., & Shine, R. (2011). Establishment success of introduced amphibians increases in the presence of congeneric species. *The American Naturalist, 177*(3), 382-388. doi:10.1086/658342
Gridded Population of the World (GPW) v3 (population density)

Tizzoni, M., Bajardi, P., Poletto, C., Ramasco, J. J., Balcan, D., Gonçalves, B., . . . Vespignani, A. (2012). Real-time numerical forecast of global epidemic spreading: case study of 2009 A/H1N1pdm. *BMC Medicine, 10*(1), 1-31. doi:10.1186/1741-7015-10-165
Gridded Population of the World (GPW) v3 (collection)

Tizzoni, M., Sun, K., Benusiglio, D., Karsai, M., & Perra, N. (2015). The scaling of human contacts and epidemic processes in metapopulation networks. *Scientific Reports, 5*(1), 15111. doi:10.1038/srep15111
Gridded Population of the World (GPW) v3 (collection)

Tjaden, N. B., Suk, J. E., Fischer, D., Thomas, S. M., Beierkuhnlein, C., & Semenza, J. C. (2017). Modelling the effects of global climate change on Chikungunya transmission in the 21st century. *Scientific Reports, 7*(1), 11pp. doi:10.1038/s41598-017-03566-3
Gridded Population of the World (GPW) v3 (population density future estimates)

Tockner, K., Uehlinger, U., Robinson, C. T., Tonolla, D., Siber, R., & Peter, F. D. (2009). Chapter 1 - Introduction to European Rivers. In K. Tockner, U. Uehlinger, & C. T. Robinson (Eds.), *Rivers of Europe* (pp. 1-21). London: Academic Press.
Gridded Population of the World (GPW) v3 (population density)

Tollefsen, A. F., & Buhaug, H. (2015). Insurgency and inaccessibility. *International Studies Review, 17*(1), 6-25. doi:10.1111/misr.12202
Gridded Population of the World (GPW) v3 (population count)

Tollefsen, A. F., Strand, H., & Buhaug, H. (2012). PRIO-GRID: A unified spatial data structure. *Journal of Peace Research, 49*(2), 363-374. doi:10.1177/0022343311431287
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)

Toon, O. B., Turco, R. P., Robock, A., Bardeen, C., Oman, L., & Stenchikov, G. L. (2007). Atmospheric effects and societal consequences of regional scale nuclear conflicts and acts of individual nuclear terrorism. *Atmospheric Chemistry and Physics, 7*(8), 1973-2002. doi:10.5194/acp-7-1973-2007
Gridded Population of the World (GPW) v3 (population count)

Torbick, N., Ziniti, B., Stommel, E., Linder, E., Andrew, A., Caller, T., . . . Shi, X. (2018). Assessing cyanobacterial harmful algal blooms as risk factors for Amyotrophic Lateral Sclerosis. *Neurotoxicity Research, 33*(1), 199-212. doi:10.1007/s12640-017-9740-y
Gridded Population of the World (GPW) v3 (population count)
REMOTE SENSING (Landsat)

Torres-Romero, E. J., Giordano, A. J., Ceballos, G., & López-Bao, J. V. (2020). Reducing the sixth mass extinction: Understanding the value of human-altered landscapes to the conservation of the world's largest terrestrial mammals. *Biological Conservation, 249*, 108706. doi:10.1016/j.biocon.2020.108706
Gridded Population of the World (GPW) v3 (population density)

Trabucco, A., Bossio, D., & Van Straaten, O. (2006). Carbon Sequestration, Land Degradation and Water.

In D. Bossio (Ed.), *Conserving Land, Protecting Water* (pp. 83-106). Wallingford: CABI Publishing.
Gridded Population of the World (GPW) v3 (unspecified)

Tracy, J. L., Kantola, T., Baum, K. A., & Coulson, R. N. (2019). Modeling fall migration pathways and spatially identifying potential migratory hazards for the eastern monarch butterfly. *Landscape Ecology, 34*(2), 443-458. doi:10.1007/s10980-019-00776-0
Gridded Population of the World (GPW) v3 (population density)

Tran, A., Sudre, B., Paz, S., Rossi, M., Desbrosse, A., Chevalier, V., & Semenza, J. C. (2014). Environmental predictors of West Nile fever risk in Europe. *International Journal of Health Geographics, 13*(1), 26. doi:10.1186/1476-072X-13-26
Gridded Population of the World (GPW) v3 (population density)

Tranquilli, S., Abedi-Lartey, M., Amsini, F., Arranz, L., Asamoah, A., Babafemi, O., . . . Kuehl, H. (2012). Lack of conservation effort rapidly increases African great ape extinction risk. *Conservation Letters, 5*(1), 48-55. doi:10.1111/j.1755-263X.2011.00211.x
Gridded Population of the World (GPW) v3 (population density)

Trimmer, J. T., Margenot, A., Cusick, R. D., & Guest, J. S. (2019). Aligning product chemistry and soil context for agronomic reuse of human-derived resources. *Environmental Science & Technology, 53*(11), 6501-6510. doi:10.1021/acs.est.9b00504
Gridded Population of the World (GPW) v3 (admin boundaries)
Gridded Population of the World (GPW) v4 (national identifier grid)

Trimmer, J. T., Miller, D. C., & Guest, J. S. (2019). Resource recovery from sanitation to enhance ecosystem services. *Nature Sustainability, 2*, 681-690. doi:10.1038/s41893-019-0313-3
Gridded Population of the World (GPW) v3 (admin boundaries)
Gridded Population of the World (GPW) v4 (national identifier grid)

Tu, W., Liu, Z., Du, Y., Yi, J., Liang, F., Wang, N., . . . Wang, H. (2022). An ensemble method to generate high-resolution gridded population data for China from digital footprint and ancillary geospatial data. *International Journal of Applied Earth Observation and Geoinformation, 107*, 102709. doi:10.1016/j.jag.2022.102709
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Ty, T., Sunada, K., Ichikawa, Y., & Oishi, S. (2012). Scenario-based impact assessment of land use/cover and climate changes on water resources and demand: A case study in the Srepok River Basin, Vietnam—Cambodia. *Water Resources Management, 26*(5), 1387-1407. doi:10.1007/s11269-011-9964-1
Gridded Population of the World (GPW) v3 (population density)

Ty, T. V., Sunada, K., & Ichikawa, Y. (2011). A spatial impact assessment of human-induced intervention on hydrological regimes: a case study in the upper Srepok River basin, Central Highlands of Vietnam. *International Journal of River Basin Management, 9*(2), 103-116. doi:10.1080/15715124.2011.595720
Gridded Population of the World (GPW) v3 (unspecified)

Uhl, J. H., Leyk, S., McShane, C. M., Braswell, A. E., Connor, D. S., & Balk, D. (2021). Fine-grained, spatio-temporal datasets measuring 200 years of land development in the United States. *Earth System Science Data, 13*, 119-153. doi:10.5194/essd-13-119-2021
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

ul Hasson, S., & Böhner, J. (2019). Hydrological Cycle Over the Indus Basin at Monsoon Margins: Present and Future. In S. I. Khan & T. E. Adams (Eds.), *Indus River Basin* (pp. 245-264): Elsevier.
Gridded Population of the World (GPW) v3 (population density future estimates)

ul-Haq, Z., Rana, A. D., Ali, M., Mahmood, K., Tariq, S., & Qayyum, Z. (2015). Carbon monoxide (CO) emissions and its tropospheric variability over Pakistan using satellite-sensed data. *Advances in Space Research, 56*(4), 583-595. doi:10.1016/j.asr.2015.04.026
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (AIRS)
NASA REMOTE SENSING (AMSU)
NASA REMOTE SENSING (MOPITT)

Underwood, E. C., Klausmeyer, K. R., Cox, R. L., Busby, S. M., Morrison, S. A., & Shaw, M. R. (2009). Expanding the Global Network of Protected Areas to Save the Imperiled Mediterranean Biome. *Conservation Biology, 23*(1), 43-52. doi:10.1111/j.1523-1739.2008.01072.x
Gridded Population of the World (GPW) v3 (population density)

Underwood, E. C., Shaw, M. R., Wilson, K. A., Kareiva, P., Klausmeyer, K. R., McBride, M. F., . . . Possingham, H. P. (2008). Protecting biodiversity when money matters: Maximizing return on investment. *PLoS ONE, 3*(1), e1515. doi:10.1371/journal.pone.0001515
Gridded Population of the World (GPW) v3 (population count future estimates)
Last of the Wild v1 (Global Human Footprint (Geographic))

Underwood, E. C., Viers, J. H., Klausmeyer, K. R., Cox, R. L., & Shaw, M. R. (2009). Threats and biodiversity in the mediterranean biome. *Diversity and Distributions, 15*(2), 188-197. doi:10.1111/j.1472-4642.2008.00518.x
Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

UNEP Division of Early Warning and Assessment. (2011). *Africa Water Atlas*: United Nations Environment Programme.
Gridded Population of the World (GPW) v3 (population count future estimates)

United Nations International Strategy for Disaster Reduction Secretariat. (2009). *2009 Global assessment report on disaster risk reduction: risk and poverty in a changing climate*. Retrieved from Manama, Bahrain: http://www.preventionweb.net/english/hyogo/gar/2009/?pid:34&pih:2
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
Natural Disaster Hotspots (collection)

Urban, A., Kyselý, J., Plavcová, E., Hanzlíková, H., & Štěpánek, P. (2020). Temporal changes in years of life

lost associated with heat waves in the Czech Republic. *Science of The Total Environment, 716*, 137093. doi:10.1016/j.scitotenv.2020.137093
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR NDVI)

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Gridded Population of the World (GPW) v3 (land and geographic unit area grids)
Gridded Population of the World (GPW) v3 (national boundaries)
Global Rural-Urban Mapping Project (GRUMP) alpha (population count)
Global Rural-Urban Mapping Project (GRUMP) alpha (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (land and geographic area grids)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density)
Last of the Wild v1 (collection)
NASA REMOTE SENSING (Suomi NPP)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (AVHRR)

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NASA REMOTE SENSING (SeaWiFS Ocean Color)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density)
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (SeaWiFS)

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NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SeaWiFS)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population count future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (population density)
Last of the Wild v2 (Global Human Footprint (Geographic))
Natural Disaster Hotspots (collection)
Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

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Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population count future estimates map)

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Global Roads (Global Roads Open Access Data Set (gROADS), v1) - 10.7927/H4VD6WCT
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent) - 10.7927/H4GH9FVG
NASA REMOTE SENSING (ISLSCP-II) - 10.3334/ORNLDAAC/969
REMOTE SENSING (DMSP-OLS)

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Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (DMSP-OLS)

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NASA REMOTE SENSING (SRTM)

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Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density) map

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
NASA REMOTE SENSING (MODIS Vegetation Continuous Fields)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (collection)
NASA REMOTE SENSING (MODIS Level 2 Ocean Color)

Vizcarra, N. (2018). Closed season. *Sensing Our Planet: NASA Earth Science Research Features*. Retrieved from https://earthdata.nasa.gov/user-resources/sensing-our-planet/closed-season
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
NASA REMOTE SENSING (ALOS PALSAR)
NASA REMOTE SENSING (GRACE)
NASA REMOTE SENSING (GLDAS-1)

Vollmer, M. K., Zhou, L. X., Greally, B. R., Henne, S., Yao, B., Reimann, S., . . . Simmonds, P. G. (2009). Emissions of ozone-depleting halocarbons from China. *Geophysical Research Letters, 36*, L15823. doi:10.1029/2009gl038659
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (collection)

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REMOTE SENSING (DMSP-OLS)

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NASA REMOTE SENSING (ASTER GDEM)

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NASA REMOTE SENSING (ASTER DEM)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

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Gridded Population of the World (GPW) v3 (national boundaries)

Wang, J., Xing, J., Mathur, R., Pleim, J. E., Wang, S., Hogrefe, C., . . . Hao, J. (2017). Historical trends in PM2.5-related premature mortality during 1990-2010 across the Northern Hemisphere. *Environmental Health Perspectives, 125*(3), 400-408. doi:10.1289/EHP298
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

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Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (DMSP-OLS)

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NASA REMOTE SENSING (OMI)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (probably pop count)

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Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (MODIS)

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Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (AVHRR)

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Gridded Population of the World (GPW) v3 (population count future estimates) - 10.7927/H42B8VZZ

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Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent) - 10.7927/H4GH9FVG

Warszawski, L., Frieler, K., Huber, V., Piontek, F., Serdeczny, O., & Schewe, J. (2014). The Inter-Sectoral Impact Model Intercomparison Project (ISI–MIP): Project framework. *Proceedings of the National Academy of Sciences, 111*(9), 3228-3232. doi:10.1073/pnas.1312330110
Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population density)
REMOTE SENSING (Landsat)

Wei, X., Li, Q., Zhang, M., Giles-Hansen, K., Liu, W., Fan, H., . . . Liu, S. (2018). Vegetation cover - another dominant factor in determining global water resources in forested regions. *Global Change Biology, 24*(2), 786-795. doi:10.1111/gcb.13983
Gridded Population of the World (GPW) v3 (population count)

Weidmann, N. B. (2009). Geography as motivation and opportunity: Group concentration and ethnic conflict. *Journal of Conflict Resolution, 53*(4), 526-543. doi:10.1177/0022002709336456
Gridded Population of the World (GPW) v3 (population count)

Weidmann, N. B., Rød, J. K., & Cederman, L.-E. (2010). Representing ethnic groups in space: A new dataset. *Journal of Peace Research, 47*(4), 491-499. doi:10.1177/0022343310368352
Gridded Population of the World (GPW) v3 (population count)

Weidmann, N. B., & Schutte, S. (2017). Using night light emissions for the prediction of local wealth. *Journal of Peace Research, 54*(2), 125-140. doi:10.1177/0022343316630359
Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (DMSP-OLS)

Weiss, D., Nelson, A., Gibson, H. S., Temperley, W., Peedell, S., Lieber, A., . . . Gething, P. W. (2018). A global map of travel time to cities to assess inequalities in accessibility in 2015. *Nature, 553*, 333-336. doi:10.1038/nature25181
Gridded Population of the World (GPW) v3 (population density future estimates) - 10.7927/H4ST7MRB
Global Rural-Urban Mapping Project (GRUMP) v1.01 (settlement points) - 10.7927/H4BC3WG1
NASA REMOTE SENSING (MODIS - MCD12Q1)
NASA REMOTE SENSING (SRTM)

Weiss, D. J., Mappin, B., Dalrymple, U., Bhatt, S., Cameron, E., Hay, S. I., & Gething, P. W. (2015). Re-examining environmental correlates of *Plasmodium falciparum* malaria endemicity: a data-intensive variable selection approach. *Malaria Journal, 14*(1), 68. doi:10.1186/s12936-015-0574-x
Gridded Population of the World (GPW) v3 (population density)

Weissteiner, C. J., Boschetti, M., Böttcher, K., Carrara, P., Bordogna, G., & Brivio, P. A. (2011). Spatial explicit assessment of rural land abandonment in the Mediterranean area. *Global and Planetary Change, 79*(1-2), 20-36. doi:10.1016/j.gloplacha.2011.07.009
Gridded Population of the World (GPW) v3 (population count)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (DMSP-OLS)

Welch, J. N. (2017). *Conservation Biology of Bats: Invasive Threats, Research Effort, and Extinction Risk.* (Ph.D.). University of Tennessee, Knoxville, Knoxville. Retrieved from http://trace.tennessee.edu/utk_graddiss/4508/
Gridded Population of the World (GPW) v3 (population count)

Wen, F., Bedford, T., & Cobey, S. (2016). Explaining the geographical origins of seasonal influenza A (H3N2). *Proceedings of the Royal Society B: Biological Sciences, 283*(1838), 20161312. doi:10.1098/rspb.2016.1312
Gridded Population of the World (GPW) v3 (population count)

Wenxiu, D., Xiaoli, L., Zhiqiang, L., aixia, D., Yimei, Z., & Qile, T. (2014). Population and housing grid spatialization in Yunnan Province based on grid sampling and application of rapid earthquake loss assessment: the Jinggu *Ms*6.6 earthquake. *Geodesy and Geodynamics, 5*(4), 25-33. doi:10.3724/SP.J.1246.2014.04025
Gridded Population of the World (GPW) v3 (collection)

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Gridded Population of the World (GPW) v3 (population count)

Wheeler, D., Hammer, D., Kraft, R., Dasgupta, S., & Blankespoor, B. (2013). Economic dynamics and forest clearing: A spatial econometric analysis for Indonesia. *Ecological Economics, 85*, 85-96. doi:10.1016/j.ecolecon.2012.11.005
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS FORMA)

Wheeler, L. F., & Mathias, D. L. (2019). Effects of asteroid property distributions on expected impact rates. *Icarus, 321*, 767-777. doi:10.1016/j.icarus.2018.12.034
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP

Whelley, P. L., Newhall, C. G., & Bradley, K. E. (2015). The frequency of explosive volcanic eruptions in Southeast Asia. *Bulletin of Volcanology, 77*(1), 1-11. doi:10.1007/s00445-014-0893-8
Gridded Population of the World (GPW) v3 (population density)

Whitehead, P., Bussi, G., Hossain, M. A., Dolk, M., Das, P., Comber, S., . . . Hossain, S. (2018). Restoring water quality in the polluted Turag-Tongi-Balu river system, Dhaka: Modelling nutrient and total coliform intervention strategies. *Science of The Total Environment, 631–632*, 223-232. doi:10.1016/j.scitotenv.2018.03.038
Gridded Population of the World (GPW) v3 (unspecified)
NASA REMOTE SENSING (Global Maps of Atmospheric Nitrogen Deposition, 1860, 1993, and 2050) ORNL DAAC

Wig, T., & Tollefsen, A. F. (2016). Local institutional quality and conflict violence in Africa. *Political Geography, 53*, 30-42. doi:10.1016/j.polgeo.2016.01.003
Gridded Population of the World (GPW) v3 (population count future estimates)
Poverty Mapping (Global Subnational Infant Mortality Rates, v1)

Willaarts, B., Garrido, A., Soriano, B., Molano, M., & Fedorova, O. (2014). Tracking progress and links between water and food security in Latin America and the Caribbean. In B. Willaarts, A. Garrido, & M. R. Llamas (Eds.), *Water for Food Security and Well-being in Latin American and the Caribbean: Social and Environmental Implications for a Globalized Economy* (pp. 143-173). Oxon and New York: Routledge.
Gridded Population of the World (GPW) v3 (population count)

Williams, J. (2013). Humans and biodiversity: population and demographic trends in the hotspots. *Population and Environment, 34*(4), 1-14. doi:10.1007/s11111-012-0175-3
Gridded Population of the World (GPW) v3 (collection)

Williams, J. N. (2011). Human population and the hotspots revisited: A 2010 assessment. In F. E. Zachos & J. C. Habel (Eds.), *Biodiversity Hotspots* (pp. 61-81): Springer Berlin Heidelberg.
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v3 (population density)

Williams, R. (2019). *The Geography of Secession.* (Ph.D.). University of North Carolina, Chapel Hill. Retrieved from https://doi.org/10.17615/1ysh-sk68
Gridded Population of the World (GPW) v3 (population count)
Gridded Population of the World (GPW) v4 (population density)
REMOTE SENSING (DMSP-OLS)

Williamson, A., & Allen, R. M. (2023). Improving efficacy of tsunami warnings along the West Coast of the United States. *Pure and Applied Geophysics, 180*, 1661-1678. doi:10.1007/s00024-023-03277-z
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Winijkul, E., Fierce, L., & Bond, T. C. (2016). Emissions from residential combustion considering end-uses and spatial constraints: Part I, methods and spatial distribution. *Atmospheric Environment, 125*(Part A), 126-139. doi:10.1016/j.atmosenv.2015.10.013
Gridded Population of the World (GPW) v3 (admin boundaries)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)

Wischnath, G., & Buhaug, H. (2014). On climate variability and civil war in Asia. *Climatic Change, 122*(4), 709-721. doi:10.1007/s10584-013-1004-0
Gridded Population of the World (GPW) v3 (population count)

Wisser, D., Frolking, S., Hagen, S., & Bierkens, M. F. P. (2013). Beyond peak reservoir storage? A global estimate of declining water storage capacity in large reservoirs. *Water Resources Research, 49*(9), 5732-5739. doi:10.1002/wrcr.20452
Gridded Population of the World (GPW) v3 (population count)

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Gridded Population of the World (GPW) v3 (population count)

Woelmer, W. M., Kao, Y.-C., Bunnell, D. B., Deines, A. M., Bennion, D. H., Rogers, M. W., . . . Shuchman, R. A. (2016). Assessing the influence of watershed characteristics on chlorophyll a in waterbodies at global and regional scales. *Inland Waters, 6*(3), 379-392. doi:10.1080/IW-6.3.964
Gridded Population of the World (GPW) v3 (collection)

Wolf, S., Fürst, S., Geiges, A., Laublichler, M., Mielke, J., Steudle, G., . . . Jaeger, C. (2023). The Decision Theatre Triangle for societal challenges – An example case and research needs. *Journal of Cleaner Production, 394*, 136299. doi:10.1016/j.jclepro.2023.136299
Gridded Population of the World (GPW) v3 (population density)

Wolf, S., Paolotti, D., Tizzoni, M., Edwards, M., Fürst, S., Geiges, A., . . . Steudle, G. (2016). *D4.1 First Report on Pilot Requirements*. Retrieved from
Gridded Population of the World (GPW) v3 (unspecified)

Wolters, M., & Kuenzer, C. (2015). Vulnerability assessments of coastal river deltas - categorization and review. *Journal of Coastal Conservation*, 1-24. doi:10.1007/s11852-015-0396-6
Gridded Population of the World (GPW) v3 (unspecified)

Wood, J., Dykes, J., Slingsby, A., & Clarke, K. (2007). Interactive visual exploration of a large spatio-temporal dataset: Reflections on a geovisualization mashup. *IEEE Transactions on Visualization and Computer Graphics, 13*(6), 1176-1183. doi:10.1109/TVCG.2007.70570
Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population density)

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Gridded Population of the World (GPW) v3 (population count)

Wood, R. M., & Sullivan, C. (2015). Doing harm by doing good? The negative externalities of humanitarian aid provision during civil conflict. *The Journal of Politics, 77*(3), 736-748. doi:10.1086/681239
Gridded Population of the World (GPW) v3 (population count)

Woodroffe, C. D. (2010). Assessing the vulnerability of Asian megadeltas to climate change using GIS. In B. U. Haq (Ed.), *Coastal and Marine Geospatial Technologies* (Vol. 13, pp. 379-391): Springer.
Gridded Population of the World (GPW) v3 (population density)

Woodroffe, C. D., Nicholls, R. J., Saito, Y., Chen, Z., & Goodbred, S. (2006). Landscape variability and the response of Asian megadeltas to environmental change. In N. Harvey (Ed.), *Global Change and Integrated Coastal Management* (pp. 277-314): Springer.
Gridded Population of the World (GPW) v3 beta (population count)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

World Bank Group. (2014). *Turn Down the Heat : Confronting the New Climate Normal* (Vol. Washington DC): World Bank.
Gridded Population of the World (GPW) v3 (collection)
National Aggregates of Geospatial Data Collection (NAGDC) (Population, Landscape, And Climate Estimates (PLACE), v3)

World Health Organization. (2023). *Health Benefits of Raising Ambition in Colombia's Nationally Determined Contribution (NDC): WHO Technical Report*. Retrieved from https://www.who.int/publications/i/item/health-benefits-of-raising-ambition-in-colombia-s-nationally-determined-contribution-(-ndc)---who-technical-report
Gridded Population of the World (GPW) v3 (population count)

Worqlul, A. W., Jeong, J., Dile, Y. T., Osorio, J., Schmitter, P., Gerik, T., . . . Clark, N. (2017). Assessing potential land suitable for surface irrigation using groundwater in Ethiopia. *Applied Geography, 85*, 1-13. doi:10.1016/j.apgeog.2017.05.010
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (SRTM)

Wu, J., Li, Y., Li, N., & Shi, P. (2018). Development of an asset value map for disaster risk assessment in China by spatial disaggregation using ancillary remote sensing data. *Risk Analysis, 38*(1), 17-30. doi:10.1111/risa.12806
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (DMSP-OLS)

Wu, J. J., Geng, G. P., Zhou, H. K., Liu, J. H., Wang, Q. F., & Yang, J. H. (2017). Global vulnerability to agricultural drought and its spatial characteristics. *Science China Earth Sciences, 60*(5), 910-920. doi:10.1007/s11430-016-9018-2
Gridded Population of the World (GPW) v3 (population count)

Wyrwa, A. (2015). An optimization platform for Poland's power sector considering air pollution and health effects. *Environmental Modelling & Software, 74*, 227-237. doi:10.1016/j.envsoft.2015.04.017
Gridded Population of the World (GPW) v3 (population count future estimates)

Xia, W., Wang, Y., Chen, S., Huang, J., Wang, B., Zhang, G. J., . . . Zhang, T. (2022). Double trouble of air pollution by anthropogenic dust. *Environmental Science & Technology, 56*(2), 761-769. doi:10.1021/acs.est.1c04779
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NASA REMOTE SENSING (CALIPSO)

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Gridded Population of the World (GPW) v3 (population count future estimates)

Xie, J., Yu, W., & Li, G. (2016, 18-20 July 2016). *An inter-agency collaborative computing framework for fast flood mapping using distributed remote sensing data.* Paper presented at the 2016 Fifth International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Tianjin, China.
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (ENVISAT-ASAR)

Xie, M., Liao, J., Wang, T., Zhu, K., Zhuang, B., Han, Y., . . . Li, S. (2016). Modeling of the anthropogenic heat flux and its effect on air quality over the Yangtze River Delta region, China. *Atmospheric Chemistry and Physics, 16*, 6071-6089. doi:10.5194/acp-16-6071-2016
Gridded Population of the World (GPW) v3 (population density)

Xie, Y., & Weng, Q. (2016). Detecting urban-scale dynamics of electricity consumption at Chinese cities using time-series DMSP-OLS (Defense Meteorological Satellite Program-Operational Linescan System) nighttime light imageries. *Energy, 100*, 177-189. doi:10.1016/j.energy.2016.01.058
Gridded Population of the World (GPW) v3 (population density future estimates)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (DMSP-OLS)

Xing, J., Wang, J., Mathur, R., Pleim, J., Wang, S., Hogrefe, C., . . . Hao, J. (2016). Unexpected benefits of

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Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Xu, F., Zhang, P., & Li, Y. (2016). *Context-aware real-time population estimation for metropolis*. Paper presented at the Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing, Heidelberg, Germany. https://doi.org/10.1145/2971648.2971673
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Xu, J., Martin, R. V., van Donkelaar, A., Kim, J., Choi, M., Zhang, Q., . . . Lin, N. (2015). Estimating ground-level $PM_{2.5}$ in Eastern China using aerosol optical depth determined from the GOCI Satellite Instrument. *Atmospheric Chemistry and Physics, 15*, 13133-13144. doi:10.5194/acp-15-13133-2015
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (Korean Geostationary Ocean Color Imager (GOCI))

Xu, K., Milliman, J. D., & Xu, H. (2010). Temporal trend of precipitation and runoff in major Chinese Rivers since 1951. *Global and Planetary Change, 73*(3-4), 219-232. doi:10.1016/j.gloplacha.2010.07.002
Gridded Population of the World (GPW) v3 (population density)

Yamagata, Y., Murakami, D., & Seya, H. (2015). A comparison of grid-level residential electricity demand scenarios in Japan for 2050. *Applied Energy, 158*, 255-262. doi:10.1016/j.apenergy.2015.08.079
Gridded Population of the World (GPW) v3 (collection)

Yamaji, K., Ikeda, K., Irie, H., Kurokawa, J. i., & Ohara, T. (2014). Influence of model grid resolution on NO2 vertical column densities over East Asia. *Journal of the Air & Waste Management Association, 64*(4), 436-444. doi:10.1080/10962247.2013.827603
Gridded Population of the World (GPW) v3 (population count future estimates)
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
NASA REMOTE SENSING (OMI)
REMOTE SENSING (GOME-2)
REMOTE SENSING (SCIAMACHY)

Yamaji, K., Li, J., Uno, I., Kanaya, Y., Irie, H., Takigawa, M., . . . Akimoto, H. (2010). Impact of open crop residual burning on air quality over Central Eastern China during the Mount Tai Experiment 2006 (MTX2006). *Atmospheric Chemistry and Physics, 10*, 7353-7368. doi:10.5194/acp-10-7353-2010
Gridded Population of the World (GPW) v3 (unspecified)
NASA REMOTE SENSING (MODIS)

Yamashita, K., & Honda, Y. (2018). Climate change and air pollution in East Asia: Taking transboundary air pollution into account. In R. Akhtar & C. Palagiano (Eds.), *Climate Change and Air Pollution: The Impact on Human Health in Developed and Developing Countries* (pp. 309-326). Cham: Springer International Publishing.
Gridded Population of the World (GPW) v3 (population count)

Yamba, E. I., Tompkins, A. M., Fink, A. H., Ermert, V., Amelie, M. D., Amekudzi, L. K., & Briët, O. J. T.

(2020). Monthly entomological inoculation rate data for studying the seasonality of malaria transmission in Africa. *Data, 5*(2), 31. doi:10.3390/data5020031
Gridded Population of the World (GPW) v3 (population density) - 10.7927/H4XK8CG2

Yan, H., Liu, F., Liu, J., Xiao, X., & Qin, Y. (2017). Status of land use intensity in China and its impacts on land carrying capacity. *Journal of Geographical Sciences, 27*(4), 387-402. doi:10.1007/s11442-017-1383-7
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Landsat)

Yañez-Arenas, C., Townsend Peterson, A., Rodríguez-Medina, K., & Barve, N. (2016). Mapping current and future potential snakebite risk in the new world. *Climatic Change, 134*(4), 697-711. doi:10.1007/s10584-015-1544-6
Anthropogenic Biomes of the World v2 (2000)
Gridded Population of the World (GPW) v3 (future estimates)

Yang, D. (2008). Coping with disaster: The impact of hurricanes on international financial flows, 1970-2002. *The B. E. Journal of Economic Analysis and Policy, 8*(1), 43. doi:10.2202/1935-1682.1903
Gridded Population of the World (GPW) v3 (population count)

Yang, D., Zhang, H., Liu, Y., Chen, B., Cai, Z., & Lü, D. (2017). Monitoring carbon dioxide from space: Retrieval algorithm and flux inversion based on GOSAT data and using CarbonTracker-China. *Advances in Atmospheric Sciences, 34*(8), 965-976. doi:10.1007/s00376-017-6221-4
Gridded Population of the World (GPW) v3 (population count future estimates)
REMOTE SENSING (GOSAT/ACOS CO2)

Yang, H.-Y., Chen, B., Piersma, T., Zhang, Z., & Ding, C. (2016). Molluscs of an intertidal soft-sediment area in China: Does overfishing explain a high density but low diversity community that benefits staging shorebirds? *Journal of Sea Research, 109*, 20-28. doi:10.1016/j.seares.2016.01.006
Gridded Population of the World (GPW) v3 (population density)

Yang, K., LeJeune, J., Alsdorf, D., Lu, B., Shum, C. K., & Liang, S. (2012). Global distribution of outbreaks of water-associated infectious diseases. *PLoS Neglected Tropical Diseases, 6*(2), e1483. doi:10.1371/journal.pntd.0001483
Gridded Population of the World (GPW) v3 (population density)

Yang, X., Huang, Y., Dong, P., Jiang, D., & Liu, H. (2009). An updating system for the Gridded Population Database of China based on remote sensing, GIS and spatial database technologies. *Sensors, 9*(2), 1128-1140. doi:10.3390/s90201128
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
NASA REMOTE SENSING (MODIS)

Yang, X., Yue, W., & Gao, D. (2013). Spatial improvement of human population distribution based on multi-sensor remote-sensing data: an input for exposure assessment. *International Journal of Remote Sensing, 34*(15), 5569-5583. doi:10.1080/01431161.2013.792970

Gridded Population of the World (GPW) v3 (collection)
REMOTE SENSING (DMSP-OLS)

Yano, S., Hanasaki, N., Itsubo, N., & Oki, T. (2015). Water scarcity footprints by considering the differences in water sources. *Sustainability, 7*(8), 9753-9772. doi:10.3390/su7089753
Gridded Population of the World (GPW) v3 (national boundaries)

Yao, B., Fang, X., Vollmer, M. K., Reimann, S., Chen, L., Fang, S., & Prinn, R. G. (2019). China's hydrofluorocarbons (HFCs) emissions for 2011–2017 inferred from atmospheric measurements. *Environmental Science & Technology Letters, 6*(8), 479-486. doi:10.1021/acs.estlett.9b00319
Gridded Population of the World (GPW) v3 (population count future estimates)

Yao, L., & Lu, N. (2014). Particulate matter pollution and population exposure assessment over mainland China in 2010 with remote sensing. *International Journal of Environmental Research and Public Health, 11*(5), 5241-5250. doi:10.3390/ijerph110505241
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MODIS)

Yao, L., & Lu, N. (2014). Spatiotemporal distribution and short-term trends of particulate matter concentration over China, 2006–2010. *Environmental Science and Pollution Research, 21*(16), 9665-9675. doi:10.1007/s11356-014-2996-3
Gridded Population of the World (GPW) v3 (unspecified)
NASA REMOTE SENSING (MODIS)

Yao, Y., Liu, X., Li, X., Zhang, J., Liang, Z., Mai, K., & Zhang, Y. (2017). Mapping fine-scale population distributions at the building level by integrating multisource geospatial big data. *International Journal of Geographical Information Science, 31*(6), 1220-1244. doi:10.1080/13658816.2017.1290252
Gridded Population of the World (GPW) v2
Gridded Population of the World (GPW) v3 (collection)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Yarragunta, Y., Srivastava, S., & Mitra, D. (2017). Validation of lower tropospheric carbon monoxide inferred from MOZART model simulation over India. *Atmospheric Research, 184*, 35-47. doi:10.1016/j.atmosres.2016.09.010
Gridded Population of the World (GPW) v3 (population density)
NASA REMOTE SENSING (MOPITT)

Yepes-Estrada, C., Silva, V., Valcárcel, J., Acevedo, A. B., Tarque, N., Hube, M. A., . . . María, H. S. (2017). Modeling the residential building inventory in South America for seismic risk assessment. *Earthquake Spectra, 33*(1), 299-322. doi:10.1193/101915EQS155DP
Gridded Population of the World (GPW) v3 (unspecified)
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)

Yim, S. H. L., & Barrett, S. R. H. (2012). Public health impacts of combustion emissions in the United Kingdom. *Environmental Science & Technology, 46*(8), 4291-4296. doi:10.1021/es2040416
Gridded Population of the World (GPW) v3 (population density)

Yim, S. H. L., Stettler, M. E. J., & Barrett, S. R. H. (2013). Air quality and public health impacts of UK airports part II: Impacts and policy assessment. *Atmospheric Environment, 67*, 184-192. doi:10.1016/j.atmosenv.2012.10.017
Gridded Population of the World (GPW) v3 (population count)

Yin, C., Shi, Y., Wang, H., & Wu, J. (2015). Disaggregation of an urban population with M_IDW interpolation and building information. *Journal of Urban Planning and Development, 141*(1), 9pp. doi:10.1061/(ASCE)UP.1943-5444.0000197
Gridded Population of the World (GPW) v3 (collection)

Yin, S. (2021). Decadal trends of MERRA-estimated PM2.5 concentrations in East Asia and potential exposure from 1990 to 2019. *Atmospheric Environment, 264*, 118690. doi:10.1016/j.atmosenv.2021.118690
Gridded Population of the World (GPW) v3 (unspecified)
Gridded Population of the World (GPW) v4 (unspecified)
NASA REMOTE SENSING (MERRA-2)

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Gridded Population of the World (GPW) v3 (unspecified)
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NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (OMI NO2)

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Gridded Population of the World (GPW) v3 (population count future estimates)

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Gridded Population of the World (GPW) v3 (collection)

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Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
REMOTE SENSING (VIIRS NTL)
REMOTE SENSING (DMSP-OLS)

Zhu, S., VanWormer, E., & Shapiro, K. (2023). More people, more cats, more parasites: Human population density and temperature variation predict prevalence of *Toxoplasma gondii* oocyst shedding in free-ranging domestic and wild felids. *PLoS ONE, 18*(6), e0286808. doi:10.1371/journal.pone.0286808
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NASA REMOTE SENSING (MODIS Vegetation Continuous Fields)

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NASA REMOTE SENSING (MODIS - MYD14CMH)

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Gridded Population of the World (GPW) v3 (population density)
Global Rural-Urban Mapping Project (GRUMP) alpha (urban extent)

Zvoleff, A., & Ahumada, J. A. (2015, 26-31 July 2015). *Understanding the link between population dynamics and biodiversity conservation through remote sensing and gridded population data integration.* Paper presented at the 2015 IEEE International Geoscience and Remote Sensing Symposium (IGARSS).
Gridded Population of the World (GPW) v3 (population density)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
REMOTE SENSING (Landsat)

Zyśk, J., Wyrwa, A., Suwała, W., Pluta, M., Olkuski, T., & Raczyński, M. (2020). The impact of decarbonization scenarios on air quality and human health in Poland—analysis of scenarios up to 2050. *Atmosphere, 11*(11), 1222. doi:10.3390/atmos11111222
Gridded Population of the World (GPW) v3 (population count future estimates)