

Listed below are known citations to the NASA Socioeconomic Data and Applications Center (SEDAC) *Global High Resolution Urban Data from Landsat* 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.

Ahmad, M., & Zeeshan, M. (2022). Validation of weather reanalysis datasets and geospatial and techno-economic viability and potential assessment of concentrated solar power plants. *Energy Conversion and Management*, 256, 115366. doi:10.1016/j.enconman.2022.115366

Global High Resolution Urban Data from Landsat (HBASE) - 10.7927/H4DN434S
REMOTE SENSING (ALOS Global Digital Surface Model - ALOS World 3D - 30m (AW3D30))
REMOTE SENSING (Landsat)
REMOTE SENSING (Meteosat)

Alamanos, A., & Linnane, S. (2021). Estimating SDG Indicators in data-scarce areas: The transition to the use of new technologies and multidisciplinary studies. *Earth*, 2(3), 635-652.
doi:10.3390/earth2030037

Global High Resolution Urban Data from Landsat (GMIS)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Landsat)

Bagaria, P., Thapa, A., Sharma, L. K., Joshi, B. D., Singh, H., Sharma, C. M., . . . Chandra, K. (2021). Distribution modelling and climate change risk assessment strategy for rare Himalayan Galliformes species using archetypal data abundant cohorts for adaptation planning. *Climate Risk Management*, 31, 100264. doi:10.1016/j.crm.2020.100264

Global Agricultural Lands (Cropland) - 10.7927/H4C8276G
Gridded Population of the World (GPW) v4.11 (population count) - 10.7927/H4JW8BX5
Land Use and Land Cover (LULC) (Development Threat Index, v1) - 10.7927/61jv-th84
Global High Resolution Urban Data from Landsat (HBASE) - 10.7927/H4DN434S
NASA REMOTE SENSING (MODIS - MOD13Q1)
NASA REMOTE SENSING (SRTM)

Bergs, R., & Budde, R. (2022). The potential of small-scale spatial data in regional science. *Review of Regional Research*, 42(2), 97-110. doi:10.1007/s10037-022-00172-3
Satellite-Derived Environmental Indicators (Global High Resolution Daily Extreme Urban Heat Exposure (UHE-Daily), v1)

Bhowmik, M., Sarkar, A., & Das, R. (2015, 7-8 Feb. 2015). *Shannon entropy based fuzzy distance norm for pixel classification in remote sensing imagery*. Paper presented at the Computer, Communication, Control and Information Technology (C3IT), 2015 Third International Conference on.

Global High Resolution Urban Data from Landsat (Cities from Space) - 10.7927/H4SQ8XB1

REMOTE SENSING (Landsat)

Bissiri, M., Moura, P., Figueiredo, N. C., & Pereira da Silva, P. (2020). A geospatial approach towards defining cost-optimal electrification pathways in West Africa. *Energy*, *200*, 117471. doi:10.1016/j.energy.2020.117471

Global Rural-Urban Mapping Project (GRUMP) v1.01 (urban extent)

Global High Resolution Urban Data from Landsat (HBASE)

NASA REMOTE SENSING (SRTM)

REMOTE SENSING (DMSP-OLS)

Carlson, C. J., Kracalik, I. T., Ross, N., Alexander, K. A., Hugh-Jones, M. E., Fegan, M., . . . Blackburn, J. K. (2019). The global distribution of *Bacillus anthracis* and associated anthrax risk to humans, livestock and wildlife. *Nature Microbiology*, *4*, 1337-1343. doi:10.1038/s41564-019-0435-4

Gridded Population of the World (GPW) v4 (population density)

Global High Resolution Urban Data from Landsat (HBASE)

NASA REMOTE SENSING (AVHRR)

Chang, Y., Xiao, J., Li, X., Middel, A., Zhang, Y., Gu, Z., . . . He, S. (2021). Exploring diurnal thermal variations in urban local climate zones with ECOSTRESS land surface temperature data. *Remote Sensing of Environment*, *263*, 112544. doi:10.1016/j.rse.2021.112544

Global High Resolution Urban Data from Landsat (GMIS)

NASA REMOTE SENSING (ECOSTRESS LST)

REMOTE SENSING (Landsat)

Chen, B., Song, Y., Huang, B., & Xu, B. (2020). A novel method to extract urban human settlements by integrating remote sensing and mobile phone locations. *Science of Remote Sensing*, *1*, 100003. doi:10.1016/j.srs.2020.100003

Global High Resolution Urban Data from Landsat (GMIS)

Global High Resolution Urban Data from Landsat (HBASE)

NASA REMOTE SENSING (MODIS)

REMOTE SENSING (Landsat)

Chen, B., Tu, Y., Song, Y., Theobald, D. M., Zhang, T., Ren, Z., . . . Xu, B. (2021). Mapping essential urban land use categories with open big data: Results for five metropolitan areas in the United States of America. *ISPRS Journal of Photogrammetry and Remote Sensing*, *178*, 203-218. doi:10.1016/j.isprsjprs.2021.06.010

Gridded Population of the World (GPW) v4.11 (population count)

Global High Resolution Urban Data from Landsat (GMIS)

Global High Resolution Urban Data from Landsat (HBASE)

REMOTE SENSING (USDA National Agriculture Imagery Program (NAIP) very high resolution multispectral imagery)

REMOTE SENSING (Sentinel-1 SAR)

REMOTE SENSING (Sentinel-2 Multispectral Imager (MSI))

REMOTE SENSING (VIIRS NTL)

Chen, B., Xu, B., & Gong, P. (2021). Mapping essential urban land use categories (EULUC) using geospatial big data: Progress, challenges, and opportunities. *Big Earth Data*, *5*(3), 410-441. doi:10.1080/20964471.2021.1939243

Global High Resolution Urban Data from Landsat (GMIS)
Global High Resolution Urban Data from Landsat (HBASE)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)

Chen, D., Shevade, V., Baer, A., He, J., Hoffman-Hall, A., Ying, Q., . . . Loboda, T. V. (2021). A disease control-oriented land Cover land use map for Myanmar. *Data*, 6(6), 63.
doi:10.3390/data6060063

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF
Global High Resolution Urban Data from Landsat (HBASE) - 10.7927/H4DN434S
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (Landsat)

Cheval, S., Micu, D., Dumitrescu, A., Irimescu, A., Frighenciu, M., Iojă, C., . . . Antonescu, B. (2020). Meteorological and Ancillary Data Resources for Climate Research in Urban Areas. *Climate*, 8(3), 37. doi:10.3390/cli8030037

Satellite-Derived Environmental Indicators (Global Urban Heat Island (UHI) Data Set, v1)
Global High Resolution Urban Data from Landsat (Cities from Space)
Global High Resolution Urban Data from Landsat (GMIS)
Global High Resolution Urban Data from Landsat (HBASE)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Landsat)

Di Baldassarre, G., Nardi, F., Annis, A., Odongo, V., Rusca, M., & Grimaldi, S. (2020). Brief communication: Comparing hydrological and hydrogeomorphic paradigms for global flood hazard mapping. *Natural Hazards and Earth System Sciences*, 20, 1415-1419.
doi:10.5194/nhess-20-1415-2020

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF

Du, W., Gong, Y., & Chen, N. (2022). PSO-WELLSVM: An integrated method and its application in urban waterlogging susceptibility assessment in the central Wuhan, China. *Computers & Geosciences*, 161, 105079. doi:10.1016/j.cageo.2022.105079

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF

Elumalai, V., Godwyn-Paulson, P., Logesh, N., Muthusankar, G., Lakshumanan, C., & Jonathan, M. P. (2022). Burning urban cities of South Africa due to civil turmoil 2021: Socio-economic and environmental consequences. *Cities*, 124, 103612. doi:10.1016/j.cities.2022.103612

Global High Resolution Urban Data from Landsat (HBASE)
NASA REMOTE SENSING (MODIS)

Esch, T., Bachofer, F., Heldens, W., Hirner, A., Marconcini, M., Palacios-Lopez, D., . . . Gorelick, N. (2018). Where we live—a summary of the achievements and planned evolution of the Global Urban Footprint. *Remote Sensing*, 10(6), 895. doi:10.3390/rs10060895

Global High Resolution Urban Data from Landsat (HBASE)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Terra SAR-X (TSX))
REMOTE SENSING (TanDEM-X (TDX))

Esch, T., Brzoska, E., Dech, S., Leutner, B., Palacios-Lopez, D., Metz-Marconcini, A., . . . Zeidler, J. (2022). World Settlement Footprint 3D - A first three-dimensional survey of the global building stock. *Remote Sensing of Environment*, 270, 112877. doi:10.1016/j.rse.2021.112877

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF

REMOTE SENSING (Sentinel)

REMOTE SENSING (TanDEM-X (TDX))

REMOTE SENSING (Terra SAR-X (TSX))

Farina, A. (2022). Human-Dependent Landscapes Around the World – An Ecological Perspective. In *Principles and Methods in Landscape Ecology: An Agenda for the Second Millennium* (pp. 339-399). Cham: Springer International Publishing.

National Aggregates of Geospatial Data Collection (NAGDC) (Population, Landscape, And Climate Estimates (PLACE), v2)

Global High Resolution Urban Data from Landsat (GMIS)

Florczyk, A. J., Melchiorri, M., Zeidler, J., Corbane, C., Schiavina, M., Freire, S., . . . Pesaresi, M. (2020). The Generalised Settlement Area: mapping the Earth surface in the vicinity of built-up areas. *International Journal of Digital Earth*, 13(1), 45-60. doi:10.1080/17538947.2018.1550121

Global Rural-Urban Mapping Project (GRUMP) v1.01 (urban extent)

Global High Resolution Urban Data from Landsat (HBASE)

REMOTE SENSING (Landsat)

REMOTE SENSING (Sentinel-1)

REMOTE SENSING (Terra SAR-X (TSX))

Forget, Y., Shimoni, M., Gilbert, M., & Linard, C. (2021). Mapping 20 years of urban expansion in 45 urban areas of Sub-Saharan Africa. *Remote Sensing*, 13(3), 525. doi:10.3390/rs13030525

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

Global High Resolution Urban Data from Landsat (HBASE)

REMOTE SENSING (Landsat)

REMOTE SENSING (Sentinel-1)

Fung, K. Y., Yang, Z.-L., & Niyogi, D. (2022). Improving the local climate zone classification with building height, imperviousness, and machine learning for urban models. *Computational Urban Science*, 2(1), 16. doi:10.1007/s43762-022-00046-x

Global High Resolution Urban Data from Landsat (GMIS)

NASA REMOTE SENSING (SRTM)

REMOTE SENSING (Landsat)

García-Álvarez, D., Lara Hinojosa, J., & Jurado Pérez, F. J. (2022). Global Thematic Land Use Cover Datasets Characterizing Artificial Covers. In D. García-Álvarez, M. T. Camacho Olmedo, M. Paegelow, & J. F. Mas (Eds.), *Land Use Cover Datasets and Validation Tools: Validation Practices with QGIS* (pp. 419-442). Cham: Springer International Publishing.

Global High Resolution Urban Data from Landsat (GMIS)

Global High Resolution Urban Data from Landsat (HBASE)

Godwyn-Paulson, P., Jonathan, M. P., Rodríguez-Espinosa, P. F., Abdul Rahaman, S., Roy, P. D., Muthusankar, G., & Lakshumanan, C. (2022). Multi-hazard risk assessment of coastal

municipalities of Oaxaca, Southwestern Mexico: An index based remote sensing and geospatial technique. *International Journal of Disaster Risk Reduction*, 77, 103041.
doi:10.1016/j.ijdrr.2022.103041

Global High Resolution Urban Data from Landsat (HBASE)
REMOTE SENSING (Landsat)
REMOTE SENSING (Sentinel-2)

Guo, K., Guan, M., & Yu, D. (2021). Urban surface water flood modelling – a comprehensive review of current models and future challenges. *Hydrology and Earth System Sciences*, 25(5), 2843-2860.
doi:10.5194/hess-25-2843-2021

Global High Resolution Urban Data from Landsat (GMIS)

Han, X. X., Li, G. Y., Lu, W. F., & Jiang, Y. W. (2019). Comparing statistical and semi-distributed rainfall–runoff models for a large subtropical watershed: A case study of Jiulong River catchment, China. *Atmosphere*, 10(2), 62. doi:10.3390/atmos10020062

Global High Resolution Urban Data from Landsat (GMIS)
NASA REMOTE SENSING (MODIS - MCD12)
NASA REMOTE SENSING (SRTM)

He, W., Li, X., Zhou, Y., Shi, Z., Yu, G., Hu, T., . . . Gong, P. (2023). Global urban fractional changes at a 1-km resolution throughout 2100 under eight scenarios of Shared Socioeconomic Pathways (SSPs) and Representative Concentration Pathways (RCPs). *Earth System Science Data*, 15(8), 3623-3639. doi:10.5194/essd-15-3623-2023

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (SRTM)

Heidari, E., Mahmoudzadeh, A., & Mansouri Daneshvar, M. R. (2021). Urban flood susceptibility evaluation and prediction during 2010–2030 in the southern watersheds of Mashhad city, Iran. *Environmental Systems Research*, 10(1), 41. doi:10.1186/s40068-021-00245-1

Global High Resolution Urban Data from Landsat (HBASE) - 10.7927/H4DN434S
NASA REMOTE SENSING (ASTER GDEM)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (GIOVANNI)

Hoffman-Hall, A., Puett, R., Silva, J. A., Chen, D., Baer, A., Han, K. T., . . . Loboda, T. V. (2020). Malaria exposure in Ann Township, Myanmar as a function of land cover and land use: Combining satellite earth observations and field surveys. *GeoHealth*, 4(12), e2020GH000299.
doi:10.1029/2020GH000299

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (Landsat)

Huang, M., Chen, N., Du, W., Wen, M., Zhu, D., & Gong, J. (2021). An on-demand scheme driven by the knowledge of geospatial distribution for large-scale high-resolution impervious surface mapping. *GIScience & Remote Sensing*, 58(4), 562-586. doi:10.1080/15481603.2021.1909304

Global High Resolution Urban Data from Landsat (HBASE)
REMOTE SENSING (Gaofen 2)

REMOTE SENSING (Landsat)

Jin, K., Wang, F., Chen, D., Liu, H., Ding, W., & Shi, S. (2019). A new global gridded anthropogenic heat flux dataset with high spatial resolution and long-term time series. *Scientific Data*, 6(1), 139. doi:10.1038/s41597-019-0143-1

Gridded Population of the World (GPW) v4.10 (population density) - 10.7927/H4DZ068D

Population Dynamics (Global Population Count Grid Time Series Estimates, v1) - 10.7927/H4CC0XNV

Global High Resolution Urban Data from Landsat (GMIS)

REMOTE SENSING (DMSP-OLS)

Jin, K., Wang, F., & Wang, S. (2020). Assessing the spatiotemporal variation in anthropogenic heat and its impact on the surface thermal environment over global land areas. *Sustainable Cities and Society*, 63, 102488. doi:10.1016/j.scs.2020.102488

Gridded Population of the World (GPW) v4 (population density)

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF

NASA REMOTE SENSING (MODIS)

Karanja, F. N., & Mwangi, P. W. (2023). Advanced Remote Sensing for Sustainable Decent Housing for the Economically Challenged Urban Households. In S. Mustak, D. Singh, & P. K. Srivastava (Eds.), *Advanced Remote Sensing for Urban and Landscape Ecology* (pp. 63-82). Singapore: Springer Nature Singapore.

Global High Resolution Urban Data from Landsat (GMIS)

Global High Resolution Urban Data from Landsat (HBASE)

REMOTE SENSING (Sentinel-2A)

Kardani-Yazd, N., Kardani-Yazd, N., & Mansouri Daneshvar, M. R. (2019). Strategic spatial analysis of urban greenbelt plans in Mashhad city, Iran. *Environmental Systems Research*, 8(1), 30. doi:10.1186/s40068-019-0158-9

Global High Resolution Urban Data from Landsat (HBASE)

REMOTE SENSING (Landsat)

Korpach, A. M., Garroway, C. J., Mills, A. M., von Zuben, V., Davy, C. M., & Fraser, K. C. (2022). Urbanization and artificial light at night reduce the functional connectivity of migratory aerial habitat. *Ecography*, 2022(8), e05581. doi:10.1111/ecog.05581

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF

REMOTE SENSING (VIIRS NTL)

Kuang, W., Zhang, S., Li, X., & Lu, D. (2021). A 30 m resolution dataset of China's urban impervious surface area and green space, 2000–2018. *Earth System Science Data*, 13, 63-82. doi:10.5194/essd-13-63-2021

Global High Resolution Urban Data from Landsat (HBASE) - 10.7927/H4DN434S

REMOTE SENSING (Landsat)

REMOTE SENSING (China Brazil Earth Resources Satellite (CBERS-1))

REMOTE SENSING (Huan Jing (HJ-1A/B))

Landau, V. A., Noon, B. R., Theobald, D. M., Hobbs, N. T., & Nielsen, C. K. (2022). Integrating presence-only and occupancy data to model habitat use for the northernmost population of jaguars. *Ecological Applications*, 32(6), e2619. doi:10.1002/eap.2619

Global High Resolution Urban Data from Landsat (HBASE)
REMOTE SENSING (Landsat)
REMOTE SENSING (Sentinel-2 ALOS)

Liu, C., Huang, H., Zhang, Q., Chen, X., Xu, X., Xu, H., & Cheng, X. (2022). Arctic's man-made impervious surfaces expanded by over two-thirds in the 21st century. *Science Bulletin*, 67(14), 1425-1429. doi:10.1016/j.scib.2022.06.001

Global High Resolution Urban Data from Landsat (GMIS)
REMOTE SENSING (Landsat)

Liu, C., Yang, K., Bennett, M. M., Guo, Z., Cheng, L., & Li, M. (2019). Automated extraction of built-up areas by fusing VIIRS Nighttime Lights and Landsat-8 data. *Remote Sensing*, 11(13), 1571. doi:10.3390/rs11131571

Global High Resolution Urban Data from Landsat (HBASE)
REMOTE SENSING (Landsat)
REMOTE SENSING (VIIRS NTL)

Liu, F., Wang, S., Xu, Y., Ying, Q., Yang, F., & Qin, Y. (2020). Accuracy assessment of Global Human Settlement Layer (GHSL) built-up products over China. *PLoS ONE*, 15(5), e0233164. doi:10.1371/journal.pone.0233164

Global High Resolution Urban Data from Landsat (HBASE)

Liu, N., Dobbs, G. R., Caldwell, P. V., Miniati, C. F., Sun, G., Duan, K., . . . Carlson, C. P. (2022). Inter-basin transfers extend the benefits of water from forests to population centers across the conterminous U.S. *Water Resources Research*, 58(5), e2021WR031537. doi:10.1029/2021WR031537

Global High Resolution Urban Data from Landsat (GMIS)
NASA REMOTE SENSING (MODIS)

Liu, X., de Sherbinin, A., & Zhan, Y. (2019). Mapping urban extent at large spatial scales using machine learning methods with VIIRS Nighttime Light and MODIS Daytime NDVI Data. *Remote Sensing*, 11(10), 1247. doi:10.3390/rs11101247

Global Rural-Urban Mapping Project (GRUMP) v1.01 (urban extent)
Global High Resolution Urban Data from Landsat (GMIS)
Global High Resolution Urban Data from Landsat (HBASE)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (VIIRS)

Lonsdale, C. R., & Sun, K. (2023). Nitrogen oxides emissions from selected cities in North America, Europe, and East Asia observed by the TROPospheric Monitoring Instrument (TROPOMI) before and after the COVID-19 pandemic. *Atmospheric Chemistry and Physics*, 23(15), 8727-8748. doi:10.5194/acp-23-8727-2023

Global High Resolution Urban Data from Landsat (HBASE) - 10.7927/H4DN434S
REMOTE SENSING (TROPOMI)

Maantay, J. A. (2013). The collapse of place: Derelict land, deprivation, and health inequality in Glasgow, Scotland. *Cities and the Environment*, 6(1), 52. Retrieved from <http://digitalcommons.lmu.edu/cate/vol6/iss1/10>

Global High Resolution Urban Data from Landsat (Cities from Space)

Maantay, J. A. (2017). The collapse of place: Derelict land, deprivation, and health inequality in Glasgow, Scotland. In K. Etingoff (Ed.), *Urban Land Use: Community-Based Planning*: Apple Academic Press.

Global High Resolution Urban Data from Landsat (Cities from Space)

Maier, S. D., Lindner, J. P., & Francisco, J. (2019). Conceptual framework for biodiversity assessments in global value chains. *Sustainability*, *11*(7), 1841. doi:10.3390/su11071841

Global Agricultural Inputs (nitrogen fertilizer application)

Land Use and Land Cover (LULC) (Global Grid of Probabilities of Urban Expansion to 2030, v1)

Global High Resolution Urban Data from Landsat (GMIS)

Manos, E., Witharana, C., Udawalpola, M. R., Hasan, A., & Liljedahl, A. K. (2022). Convolutional neural networks for automated built infrastructure detection in the Arctic using sub-meter spatial resolution satellite imagery. *Remote Sensing*, *14*(11), 2719. doi:10.3390/rs14112719

Global High Resolution Urban Data from Landsat (GMIS)

Global High Resolution Urban Data from Landsat (HBASE)

REMOTE SENSING (Quickbird 2)

REMOTE SENSING (WorldView-2)

Marivoet, W., Ulimwengu, J., & Sedano, F. (2019). Spatial typology for targeted food and nutrition security interventions. *World Development*, *120*, 62-75. doi:10.1016/j.worlddev.2019.04.003

Global High Resolution Urban Data from Landsat (GMIS)

Marivoet, W., Ulimwengu, J. M., Bugeme, D. M., Sanginga, B., & Thontwa, S. (2020). *Spatial Food and Nutrition Security Typologies for Agriculture and Food Value Chain Interventions in Eastern DRC*. Retrieved from Washington DC: <https://doi.org/10.2499/p15738coll2.134139>

Global High Resolution Urban Data from Landsat (GMIS)

Marivoet, W., Ulimwengu, J. M., & Sall, L. M. (2020). *Policy Atlas on Food and Nutrition Security and Resilience: Kenya*. Retrieved from Washington DC: <https://doi.org/10.2499/p15738coll2.133781>

Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF

REMOTE SENSING (Landsat)

Meerow, S. (2019). A green infrastructure spatial planning model for evaluating ecosystem service tradeoffs and synergies across three coastal megacities. *Environmental Research Letters*, *14*(12), 125011. doi:10.1088/1748-9326/ab502c

Global High Resolution Urban Data from Landsat (GMIS)

Meerow, S. (2020). The politics of multifunctional green infrastructure planning in New York City. *Cities*, *100*, 102621. doi:10.1016/j.cities.2020.102621

Global High Resolution Urban Data from Landsat (GMIS)

REMOTE SENSING (Landsat)

Mei, Y., Mai, J., Do, H. X., Gronewold, A., Reeves, H., Eberts, S., . . . Hunt, R. J. (2023). Can hydrological models benefit from using global soil moisture, evapotranspiration, and runoff products as calibration targets? *Water Resources Research*, *59*(2), e2022WR032064.

doi:10.1029/2022WR032064
Global High Resolution Urban Data from Landsat (GMIS)
NASA REMOTE SENSING (MODIS - MOD44B)
NASA REMOTE SENSING (DAYmet: Daily Surface Weather Data on a 1-km Grid for North America, v4)

Meng, S., Pang, Y., Huang, C., & Li, Z. (2022). Improved forest cover mapping by harmonizing multiple land cover products over China. *GIScience & Remote Sensing*, 59(1), 1570-1597.
doi:10.1080/15481603.2022.2124044
Global High Resolution Urban Data from Landsat (GMIS)
REMOTE SENSING (Landsat)

Morgan, B., & Guénard, B. (2019). New 30 m resolution Hong Kong climate, vegetation, and topography rasters indicate greater spatial variation than global grids within an urban mosaic. *Earth System Science Data*, 11(3), 1083-1098. doi:10.5194/essd-11-1083-2019
Global High Resolution Urban Data from Landsat (GMIS) - 10.7927/H4P55KKF
REMOTE SENSING (Landsat)

Mussetti, G., Brunner, D., Henne, S., Allegrini, J., Krayenhoff, E. S., Schubert, S., . . . Carmeliet, J. (2020). COSMO-BEP-Tree v1.0: a coupled urban climate model with explicit representation of street trees. *Geoscientific Model Development*, 13, 1685-1710. doi:10.5194/gmd-13-1685-2020
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
Global High Resolution Urban Data from Landsat (GMIS)
NASA REMOTE SENSING (ASTER GDEM)

Naito, H., Ismailov, A., & Kimaro, A. B. (2021). The effect of mobile money on borrowing and saving: Evidence from Tanzania. *World Development Perspectives*, 23, 100342.
doi:10.1016/j.wdp.2021.100342
Gridded Population of the World (GPW) v4 (population count) - 10.7927/H4X63JVC
Global High Resolution Urban Data from Landsat (HBASE) - 10.7927/H4DN434S
REMOTE SENSING (DMSP-OLS)

Osman, S. A., & Das, J. (2023). GIS-based flood risk assessment using multi-criteria decision analysis of Shebelle River Basin in southern Somalia. *SN Applied Sciences*, 5(5), 134.
doi:10.1007/s42452-023-05360-5
Global High Resolution Urban Data from Landsat (GMIS)
Global High Resolution Urban Data from Landsat (HBASE)
NASA REMOTE SENSING (ASTER GDEM)
REMOTE SENSING (Landsat)

Ou, J., Liu, X., Liu, P., & Liu, X. (2019). Evaluation of LuoJia 1-01 nighttime light imagery for impervious surface detection: A comparison with NPP-VIIRS nighttime light data. *International Journal of Applied Earth Observation and Geoinformation*, 81, 1-12. doi:10.1016/j.jag.2019.04.017
Global High Resolution Urban Data from Landsat (GMIS)
REMOTE SENSING (LuoJia 1-01)
REMOTE SENSING (VIIRS DNB)

Paschalis, A., Chakraborty, T., Fatichi, S., Meili, N., & Manoli, G. (2021). Urban forests as main regulator of the evaporative cooling effect in cities. *AGU Advances*, 2(2), e2020AV000303.

doi:10.1029/2020AV000303

Gridded Population of the World (GPW) v4.11 (population count)
Global High Resolution Urban Data from Landsat (GMIS)
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (SPOT VGT)
REMOTE SENSING (TROPOMI)

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Global High Resolution Urban Data from Landsat (HBASE)

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Global High Resolution Urban Data from Landsat (HBASE)

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