

Listed below are known citations to the NASA Socioeconomic Data and Applications Center (SEDAC) *Natural Disaster Hotspots* 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.

Agardy, T., Alder, J., Dayton, P., Curran, S., Kitchingman, A., Wilson, M., . . . Vörösmarty, C. (2005). Coastal systems. In R. Hassan, R. Scholes, & N. Ash (Eds.), *Ecosystems and Human Well-being: Current State and Trends* (Vol. 1, pp. 513-549). Washington: Island Press.

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

Natural Disaster Hotspots (collection)

Bach, V., Berger, M., Finogenova, N., & Finkbeiner, M. (2017). Assessing the availability of terrestrial Biotic Materials in Product Systems (BIRD). *Sustainability*, 9(1), 35pp. doi:10.3390/su9010137

Natural Disaster Hotspots (landslide hazard distribution)

Bardi, F., Raspini, F., Ciampalini, A., Kristensen, L., Rouyet, L., Lauknes, T., . . . Casagli, N. (2016).

Space-borne and ground-based InSAR data integration: The Åknes test site. *Remote Sensing*, 8(3), 25 pp. doi:10.3390/rs8030237

Natural Disaster Hotspots (landslide total economic loss risk deciles)

REMOTE SENSING (RADARSAT-2)

REMOTE SENSING (Terra SAR-X)

REMOTE SENSING (TAnDEM-X)

Bas, M. A., & McLean, E. V. (2016). Natural disasters and the size of nations. *International Interactions*, 42(5), 677-702. doi:10.1080/03050629.2016.1140652

Natural Disaster Hotspots (collection)

Bas, M. A., & McLean, E. V. (2020). Expecting the unexpected: Disaster risks and conflict. *Political Research Quarterly*, 74(2), 421-433. doi:10.1177/1065912920911204

Natural Disaster Hotspots (collection)

Natural Disaster Hotspots (cyclone hazard frequency and distribution) - 10.7927/H4CZ353K

Bhatt, C. M., & Karnatak, H. C. (2019). Geoweb services and open online data repositories for North West Himalayas studies including disaster monitoring and mitigation. In R. R. Navalgund, A. S. Kumar, & S. Nandy (Eds.), *Remote Sensing of Northwest Himalayan Ecosystems* (pp. 501-536). Singapore: Springer Singapore.

Global Agricultural Lands (collection)

Anthropogenic Biomes of the World (collection)

Gridded Population of the World (GPW) v4 (collection)

Global Roads (Global Roads Open Access Data Set (gROADS), v1)

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

Human Appropriation of Net Primary Productivity (HANPP) (collection)

Natural Disaster Hotspots (collection)

Last of the Wild v2 (collection)
NASA EOSDIS (Earthdata website)
NASA REMOTE SENSING (ASTER GDEM)
NASA REMOTE SENSING (FIRMS)
NASA REMOTE SENSING (ISCCP)
NASA REMOTE SENSING (MODIS Land cover)

Booth, S., Hui, J., Alojado, Z., Lam, V., Cheung, W., Zeller, D., . . . Pauly, D. (2013). Global deposition of airborne dioxin. *Marine Pollution Bulletin*, 75(1-2), 182-186.
doi:10.1016/j.marpolbul.2013.07.041
Natural Disaster Hotspots (collection)

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)

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)

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)

Cenacchi, N. (2014). *Drought Risk Reduction in Agriculture: A Review of Adaptive Strategies in East Africa and the Indo-Gangetic Plain of South Asia*. Retrieved from Washington DC:
<http://www.ifpri.org/sites/default/files/publications/ifpridp01372.pdf>
Natural Disaster Hotspots (collection)

Chien-Yuan, C., Kun-Huang, Y., & Chen, M.-Y. (2012). Planning of professional teacher-training program for disaster prevention education and executing efficiency evaluation. *Disaster Prevention and Management*, 21(5), 608-623. doi:10.1108/09653561211278734
Natural Disaster Hotspots (collection)

Chondrogianni, D., & Karatzas, S. (2023). A systems approach for managing risks with complex interactions in urban spaces. *City and Environment Interactions*, 20, 100117.
doi:10.1016/j.cacint.2023.100117

Natural Disaster Hotspots (collection)

Christenson, E., Elliott, M., Banerjee, O., Hamrick, L., & Bartram, J. (2014). Climate-related hazards: A method for global assessment of urban and rural population exposure to cyclones, droughts, and floods. *International Journal of Environmental Research and Public Health*, 11(2), 2169-2192. doi:10.3390/ijerph110202169

Natural Disaster Hotspots (collection)

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)

Cuesta, J., Cai, L., Madrigal, L., & Pecorari, N. (2023). Exposure to climatic risks and social sustainability in Vietnam. *Sustainability*, 15(4), 3260. doi:10.3390/su15043260

Natural Disaster Hotspots (earthquake hazard frequency and distribution)

Satellite-Derived Environmental Indicators (Global (GL) Annual PM2.5 Grids from MODIS, MISR and SeaWiFS Aerosol Optical Depth (AOD), v4.03)

Cutter, S. L. (2010). Social Science Perspectives on Hazards and Vulnerability Science. In T. Beer (Ed.), *Geophysical Hazards: Minimizing Risks, Maximizing Awareness* (pp. 17-30): Springer Netherlands.

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

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

Natural Disaster Hotspots (collection)

de Boer, J., Muggah, R., & Patel, R. (2016). *Conceptualizing City Fragility and Resilience*. Retrieved from http://i.unu.edu/media/cpr.unu.edu/attachment/2227/WP05.02_Conceptualizing_City_Fragility_and_Resilience.pdf

Natural Disaster Hotspots (collection)

de Sherbinin, A., & Bai, L. (2018). Geospatial modeling and mapping. In R. McLeman & F. Gemenne (Eds.), *Routledge Handbook of Environmental Displacement and Migration* (pp. 85-91): Routledge.

Global Agricultural Lands (Cropland) - 10.7927/H4C8276G

Global Agricultural Lands (pasture) - 10.7927/H47H1GGR

Natural Disaster Hotspots (collection)

de Sherbinin, A. M., Levy, M. A., Adamo, S. B., MacManus, K., Yetman, G., Mara, V., . . . Pistolesi, L. (2012). Migration and risk: net migration in marginal ecosystems and hazardous areas. *Environmental Research Letters*, 7(4), 045602. doi:10.1088/1748-9326/7/4/045602

Global Rural-Urban Mapping Project (GRUMP) v1 (population count)

Natural Disaster Hotspots (cyclone hazard frequency and distribution)

National Aggregates of Geospatial Data Collection (NAGDC) (Population, Landscape, And Climate Estimates (PLACE), v3)

Population Dynamics (Global Estimated Net Migration Grids By Decade, v1)

de Sherbinin, A. M., Schiller, A., & Pulsipher, A. (2007). The vulnerability of global cities to climate hazards. *Environment and Urbanization*, 19(1), 39-64. doi:10.1177/0956247807076725

Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)

Natural Disaster Hotspots (collection)

Díaz, S. R., Cadena, E., Adame, S., & Dávila, N. (2020). Landslides in Mexico: their occurrence and social impact since 1935. *Landslides*, 17, 379-394. doi:10.1007/s10346-019-01285-6

Natural Disaster Hotspots (landslide hazard distribution) - 10.7927/H4P848VZ

Diodato, N., Petrucci, O., & Bellocchi, G. (2012). Scale-invariant rainstorm hazard modelling for slopeland warning. *Meteorological Applications*, 19(3), 279-288. doi:10.1002/met.259

Natural Disaster Hotspots (collection)

NASA REMOTE SENSING (TRMM)

Estoque, R. C., & Murayama, Y. (2014). Social–ecological status index: A preliminary study of its structural composition and application. *Ecological Indicators*, 43, 183-194.

doi:10.1016/j.ecolind.2014.02.031

Natural Disaster Hotspots (Global earthquake hazard frequency and distribution)

Eubanks, T. (2015). The impoverished island: Development intervention in Madagascar. *Catalyst*, 2(1), 32-45. doi:10.18785/cat.0201.07

Natural Disaster Hotspots (collection)

Fallah-Zazuli, M., Vafaeinejad, A., Alesheykh, A. A., Modiri, M., & Aghamohammadi, H. (2019). Mapping landslide susceptibility in the Zagros Mountains, Iran: a comparative study of different data mining models. *Earth Science Informatics*, 12(4), 615-628. doi:10.1007/s12145-019-00389-w

Natural Disaster Hotspots (landslide hazard distribution) map

Gain, A. K., Giupponi, C., & Wada, Y. (2016). Measuring global water security towards sustainable development goals. *Environmental Research Letters*, 11(12), 124015.

doi:10.1088/1748-9326/11/12/124015

Natural Disaster Hotspots (Flood Hazard Frequency and Distribution)

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)

Ge, Q., Hao, M., Ding, F., Jiang, D., Scheffran, J., Helman, D., & Ide, T. (2022). Modelling armed conflict risk under climate change with machine learning and time-series data. *Nature Communications*, 13(1), 2839. doi:10.1038/s41467-022-30356-x

Natural Disaster Hotspots (multihazard frequency and distribution)

NASA REMOTE SENSING (SRTM)

REMOTE SENSING (DMSP-OLS)

Germann, V., & Langergraber, G. (2022). Going beyond global indicators—policy relevant indicators for SDG 6 targets in the context of Austria. *Sustainability*, 14(3), 1647. doi:10.3390/su14031647
Natural Disaster Hotspots (flood hazard frequency and distribution) - 10.7927/H4668B3D

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)

Güneralp, B., Güneralp, İ., & Liu, Y. (2015). Changing global patterns of urban exposure to flood and drought hazards. *Global Environmental Change*, 31, 217-225. doi:10.1016/j.gloenvcha.2015.01.002

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)

Natural Disaster Hotspots (flood hazard frequency and distribution)

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

NASA REMOTE SENSING (MODIS Land Product)

Gyaneshwar, A., Mishra, A., Chadha, U., Raj Vincent, P. M. D., Rajinikanth, V., Pattukandan Ganapathy, G., & Srinivasan, K. (2023). A contemporary review on deep learning models for drought prediction. *Sustainability*, 15(7), 6160. doi:10.3390/su15076160

Natural Disaster Hotspots (drought proportional economic loss) - 10.7927/H4MG7MDV

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)

Hao, M., Jiang, D., Ding, F., Fu, J., & Chen, S. (2019). Simulating spatio-temporal patterns of terrorism incidents on the Indochina Peninsula with GIS and the random forest method. *ISPRS International Journal of Geo-Information*, 8(3), 133. doi:10.3390/ijgi8030133

Gridded Population of the World (GPW) v4.10 (population count UN WPP-adjusted)

Natural Disaster Hotspots (multihazard frequency and distribution)

NASA REMOTE SENSING (ASTER GDEM)

NASA REMOTE SENSING (MODIS LST)

REMOTE SENSING (DMSP-OLS)

Hara, Y., Sasaki, D., & Ono, Y. (2023). How does the central government make a remark in the international arena of disaster risk reduction? Focusing on the frequency of statement publication at the UN Global Platform for Disaster Risk Reduction. *Journal of Disaster Research*, 18(475-483). doi:10.20965/jdr.2023.p0475

Natural Disaster Hotspots (earthquake hazard frequency and distribution)

Natural Disaster Hotspots (Multihazard total economic loss deciles)

Natural Disaster Hotspots (Multihazard mortality risks distribution)

- He, W., Nabangchang, O., Erdman, K., Vanko, A. C. A., Poudel, P., Giri, C., & Vincent, J. R. (2023). Inferring economic impacts from a program's physical outcomes: An application to forest protection in Thailand. *Environmental and Resource Economics*, 84, 845-876. doi:10.1007/s10640-021-00644-z
- Land Use and Land Cover (LULC) (Global Mangrove Forests Distribution, v1)
 Natural Disaster Hotspots (cyclone hazard frequency and distribution)
 Gridded Species Distribution (Amphibians 2015) - 10.7927/H4RR1W66
 Gridded Species Distribution (Mammals 2015) - 10.7927/H4N014G5
 REMOTE SENSING (Landsat)
- Hochrainer-Stigler, S., Mechler, R., & Mochizuki, J. (2015). A risk management tool for tackling country-wide contingent disasters: A case study on Madagascar. *Environmental Modelling & Software*, 72, 44-55. doi:10.1016/j.envsoft.2015.06.004
- Natural Disaster Hotspots (drought frequency)
- 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)
- Islam, Z., & Singh, S. K. (2021). Geospatial analysis of the impact of flood and drought hazards on crop land and its relationship with human migration at the district level in Uttar Pradesh, India. *Geomatics and Environmental Engineering*, 15(4), 117-127. doi:10.7494/geom.2021.15.4.117
- Global Agricultural Lands (Cropland) - 10.7927/H4C8276G
 Natural Disaster Hotspots (flood hazard frequency and distribution) - 10.7927/H4668B3D
 Population Dynamics (Global Estimated Net Migration Grids By Decade, v1)
- Jin, Y., Li, A., Bian, J., Nan, X., Lei, G., & Muhammad, K. (2021). Spatiotemporal analysis of ecological vulnerability along Bangladesh-China-India-Myanmar economic corridor through a grid level prototype model. *Ecological Indicators*, 120, 106933. doi:10.1016/j.ecolind.2020.106933
- Natural Disaster Hotspots (earthquake hazard frequency and distribution)
 NASA REMOTE SENSING (MODIS - MOD13A3)
- Kirchberger, M. (2017). Natural disasters and labor markets. *Journal of Development Economics*, 125, 40-58. doi:10.1016/j.jdeveco.2016.11.002
- Natural Disaster Hotspots (earthquake hazard distribution - peak ground acceleration)
- 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)
- Kreibich, H., Di Baldassarre, G., Vorogushyn, S., Aerts, J. C. J. H., Apel, H., Aronica, G. T., . . . Merz, B. (2017). Adaptation to flood risk – results of international paired flood event studies. *Earth's*

- Future*, 5(10), 953-965. doi:10.1002/2017EF000606
Natural Disaster Hotspots (flood hazard frequency and distribution) - 10.7927/H4668B3D
- Kumar, P., Gupta, K., Karnatak, H. C., Siddiqui, A., & Senthil Kumar, A. (2017). Geo-enabled e-Democracy Tools and Services for Smart Cities. In T. M. Vinod Kumar (Ed.), *E-Democracy for Smart Cities* (pp. 391-440). Singapore: Springer Singapore.
- Gridded Population of the World (GPW) v4 (collection)
Global Roads (Global Roads Open Access Data Set (gROADS), v1)
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Last of the Wild v2 (collection)
Natural Disaster Hotspots (collection)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (ASTER GDEM)
- Lamperti, F., Mandel, A., Napoletano, M., Sapio, A., Roventini, A., Balint, T., & Khorenzhenko, I. (2019). Towards agent-based integrated assessment models: examples, challenges, and future developments. *Regional Environmental Change*, 19(3), 747-762. doi:10.1007/s10113-018-1287-9
Natural Disaster Hotspots (collection)
- 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)
- Li, W., Song, M., Zhou, B., Cao, K., & Gao, S. (2015). Performance improvement techniques for geospatial web services in a cyberinfrastructure environment – A case study with a disaster management portal. *Computers, Environment and Urban Systems*, 54, 314-325. doi:10.1016/j.compenvurbsys.2015.04.003
Natural Disaster Hotspots (landslide mortality risks and distribution)
- Lin, J. (2018). Affordability and access in focus: Metrics and tools of relative energy vulnerability. *The Electricity Journal*, 31(6), 23-32. doi:10.1016/j.tej.2018.06.005
Natural Disaster Hotspots (global drought hazard frequency and distribution) - 10.7927/H4VX0DFT
- Liu, C., Li, W., Wu, H., Lu, P., Sang, K., Sun, W., . . . Li, R. (2013). Susceptibility evaluation and mapping of China's landslides based on multi-source data. *Natural Hazards*, 69(3), 1477-1495. doi:10.1007/s11069-013-0759-y
Natural Disaster Hotspots (collection)
- McLean, E. V., & Whang, T. (2021). Economic sanctions and government spending adjustments: The case of disaster preparedness. *British Journal of Political Science*, 51(1), 394-411. doi:10.1017/S0007123418000613
Natural Disaster Hotspots (collection)
- Morrison, D. A., & Wood, C. D. (2016). Megacities and dense urban environments: Obstacle or opportunity? *Small Wars Journal*(23 February 2016), 11 pp. Retrieved from <http://smallwarsjournal.com/jrnl/art/megacities-and-dense-urban-environments-obstacle-or-opportunity>

Natural Disaster Hotspots (multihazard frequency and distribution) - 10.7927/H45718Z5

Mosquera-Machado, S., & Dilley, M. (2009). A comparison of selected global disaster risk assessment results. *Natural Hazards*, 48(3), 439-456. doi:10.1007/s11069-008-9272-0

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

Natural Disaster Hotspots (collection)

Musaev, A. (2016). *Landslide Information Service Based on Composition of Physical and Social Information Services*. (Ph.D.). Georgia Institute of Technology, Atlanta. Retrieved from http://www.cc.gatech.edu/grads/a/amusaev3/dissertation_latest_version.pdf

Natural Disaster Hotspots (landslide hazard distribution)

NASA REMOTE SENSING (TRMM)

Musaev, A., Wang, D., & Pu, C. (2015). LITMUS: a Multi-service composition system for landslide detection. *IEEE Transactions on Services Computing*, 8(5), 715-726.

doi:10.1109/TSC.2014.2376558

Natural Disaster Hotspots (landslide hazard distribution)

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)

Nadim, F., Kjekstad, O., Peduzzi, P., Herold, C., & Jaedicke, C. (2006). Global landslide and avalanche hotspots. *Landslides*, 3(2), 159-173. doi:10.1007/s10346-006-0036-1

Gridded Population of the World (GPW) v2

Natural Disaster Hotspots (collection)

Othman, A. A., Ali, S. S., Salar, S. G., Obaid, A. K., Al-Kakey, O., & Liesenberg, V. (2023). Insights for estimating and predicting reservoir sedimentation using the RUSLE-SDR approach: A case of Darbandikhan Lake Basin, Iraq-Iran. *Remote Sensing*, 15(3), 697. doi:10.3390/rs15030697

Natural Disaster Hotspots (landslide hazard distribution)

NASA REMOTE SENSING (TRMM)

REMOTE SENSING (Landsat)

Othman, A. A., Gloaguen, R., Andreani, L., & Rahnama, M. (2018). Improving landslide susceptibility mapping using morphometric features in the Mawat area, Kurdistan Region, NE Iraq: Comparison of different statistical models. *Geomorphology*, 319, 147-160.

doi:10.1016/j.geomorph.2018.07.018

Natural Disaster Hotspots (landslide hazard distribution)

NASA REMOTE SENSING (ASTER)

REMOTE SENSING (Landsat)

Pahl-Wostl, C., Giupponi, C., Richards, K., Binder, C., de Sherbinin, A. M., Sprinz, D., . . . van Bers, C. (2013). Transition towards a new global change science: Requirements for methodologies, methods, data and knowledge. *Environmental Science & Policy*, 28, 36-47.

doi:10.1016/j.envsci.2012.11.009

Natural Disaster Hotspots (collection)

Pereira-Claren, A., Gironás, J., Niemann, J. D., Passalacqua, P., Mejia, A., & Escauriaza, C. (2019). Planform geometry and relief characterization of drainage networks in high-relief environments: An analysis of Chilean Andean basins. *Geomorphology*, 341, 46-64. doi:10.1016/j.geomorph.2019.05.011

Natural Disaster Hotspots (earthquake hazard distribution - peak ground acceleration) - 10.7927/H4BZ63ZS

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)

Petrie, B., Chapman, A., Midgley, A., & Parker, R. (2014). *Risk, Vulnerability and Resilience in the Limpopo River Basin*. Retrieved from Cape Town:

Human Appropriation of Net Primary Productivity (HANPP) (collection)

Natural Disaster Hotspots (cyclone hazard frequency and distribution)

Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1)

REMOTE SENSING (DMSP-OLS)

Pezzulo, C., Bird, T., Utazi, C. E., Sorichetta, A., Tatem, A. J., Yourkavitch, J., & Burgert-Brucker, C. R. (2016). *Geospatial Modeling of Child Mortality across 27 Countries in Sub-Saharan Africa*. Retrieved from Rockville, MD: <https://dhsprogram.com/pubs/pdf/SAR13/SAR13.pdf>

Natural Disaster Hotspots (drought frequency)

NASA REMOTE SENSING (MODIS - MOD11C3)

NASA REMOTE SENSING (MODIS - MOD13C2)

Rashid, K. (2018). Flood Hazard Mapping for the Humanitarian Sector. In G. J.-P. Schumann, P. D. Bates, H. Apel, & G. T. Aronica (Eds.), *Global Flood Hazard* (pp. 115-130): American Geophysical Union (AGU).

Natural Disaster Hotspots (flood hazard frequency and distribution)

Rawat, P., Shankhdhar, D., & Shankhdhar, S. C. (2021). Abiotic stress: Its outcome and tolerance in plants. In A. Sharma (Ed.), *Microbes and Signaling Biomolecules Against Plant Stress: Strategies of Plant-Microbe Relationships for Better Survival* (pp. 79-106). Singapore: Springer Singapore.

Natural Disaster Hotspots (flood hazard frequency and distribution)

Romero, D., Torres-Irineo, E., Kern, S., Orellana, R., & Hernandez-Cerda, M. E. (2017). Determination of the soil moisture recession constant from satellite data: a case study of the Yucatan peninsula. *International Journal of Remote Sensing*, 38(20), 5793-5813.

doi:10.1080/01431161.2017.1346844

Natural Disaster Hotspots (drought frequency) - 10.7927/H4VX0DFT
REMOTE SENSING (Advanced Scatterometer (ASCAT))

Sánchez-Arcilla, A., Sierra, J. P., Brown, S., Casas-Prat, M., Nicholls, R. J., Lionello, P., & Conte, D. (2016). A review of potential physical impacts on harbours in the Mediterranean Sea under climate change. *Regional Environmental Change*, 16(8), 2471-2484. doi:10.1007/s10113-016-0972-9
Natural Disaster Hotspots (cyclone hazard frequency and distribution)

Santini, M., Taramelli, A., & Sorichetta, A. (2010). ASPHAA: A GIS-based algorithm to calculate cell area on a latitude-longitude (geographic) regular grid. *Transactions in GIS*, 14(3), 351-377. doi:10.1111/j.1467-9671.2010.01200.x

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