

Listed below are known citations to the NASA Socioeconomic Data and Applications Center (SEDAC) *Low Elevation Coastal Zone (LECZ)* 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.

Altimari, A., Balzano, S., & Zezza, G. (2018). *Measuring economic vulnerability: a Structural Equation Modeling approach*. Retrieved from Cassino, Italy:
http://dipeg-wpe.uniclam.it/files/wp_201801.pdf
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)

Anderson, D. G., Bissett, T. G., Yerka, S. J., Wells, J. J., Kansa, E. C., Kansa, S. W., . . . White, D. A. (2017). Sea-level rise and archaeological site destruction: An example from the southeastern United States using DINAA (Digital Index of North American Archaeology). *PLoS ONE*, *12*(11), e0188142. doi:10.1371/journal.pone.0188142
Gridded Population of the World (GPW) v3 (population count) - 10.7927/H4639MPP
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

Aslam, A. Q., Ahmad, I., Ahmad, S. R., Hussain, Y., Hussain, M. S., Shamshad, J., & Zaidi, S. J. A. (2018). Integrated climate change risk assessment and evaluation of adaptation perspective in southern Punjab, Pakistan. *Science of The Total Environment*, *628-629*, 1422-1436. doi:10.1016/j.scitotenv.2018.02.129
Low Elevation Coastal Zone (LECZ) (collection)

Balk, D. (2009). More than a name: Why Is global urban population mapping a GRUMPy proposition? . In P. Gamba & M. Herold (Eds.), *Global Mapping of Human Settlement: Experiences, Datasets and Prospects* (pp. 145-161). Boca Raton: CRC Press.
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)

Balk, D., McGranahan, G., & Anderson, B. (2008). Urbanization and ecosystems: recent patterns and future implications. In G. Martine, G. McGranahan, M. Montgomery, & R. Fernandez-Castilla (Eds.), *The New Global Frontier: Urbanization, Poverty and Environment in the 21st Century* (pp. 183-201). London: Earthscan.
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Balk, D., Montgomery, M. R., McGranahan, G., Kim, D., Mara, V., Todd, M., . . . Dorelien, A. (2009). Mapping urban settlements and the risks of climate change in Africa, Asia and South America. In J. M. Guzman, G. Martine, G. McGranahan, D. Schensul, & C. Tacoli (Eds.), *Population Dynamics and Climate Change* (pp. 80-102). New York: IIED/UNFPA.
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Balk, D., Montgomery, M. R., McGranahan, G., & Todd, M. (2009). Understanding the impacts of climate change: Linking satellite and other spatial data with population data. In J. M. Guzman, G. Martine, G. McGranahan, D. Schensul, & C. Tacoli (Eds.), *Population Dynamics and Climate Change* (pp. 206-214). New York: IIED/UNFPA.

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

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Bamunawala, J., Ranasinghe, R., van der Spek, A., Maskey, S., & Udo, K. (2018). Assessing future coastline change in the vicinity of tidal inlets via reduced complexity modelling. *Journal of Coastal Research, Special Issue 85 - Proceedings of the 15th International Coastal Symposium*, 636-640. doi:10.2112/SI85-128.1

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

Barbier, E. B. (2015). Climate change impacts on rural poverty in low-elevation coastal zones. *Estuarine, Coastal and Shelf Science*, 165, A1-A13. doi:10.1016/j.ecss.2015.05.035

Global Rural-Urban Mapping Project (GRUMP) v1 (coastlines) - 10.7927/H4CR5R8J

Global Rural-Urban Mapping Project (GRUMP) v1 (population count) - 10.7927/H4VT1Q1H

Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent) - 10.7927/H4GH9FVG

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

Poverty Mapping (Global Subnational Prevalence of Child Malnutrition, v1) - 10.7927/H4K64G12

Poverty Mapping (Global Subnational Infant Mortality Rates, v1) - 10.7927/H4PZ56R2

Barbier, E. B. (2015). Hurricane Katrina's lessons for the world. *Nature*, 524(7565), 285-287. Retrieved from <http://www.nature.com/news/policy-hurricane-katrina-s-lessons-for-the-world-1.18188>

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

Barbier, E. B., & Hochard, J. P. (2018). The impacts of climate change on the poor in disadvantaged regions. *Review of Environmental Economics and Policy*, 12(1), 26-47. doi:10.1093/reep/rex023

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

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

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

Global Rural-Urban Mapping Project (GRUMP) v1 (coastlines) - 10.7927/H4CR5R8J

Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent) - 10.7927/H4GH9FVG

Low Elevation Coastal Zone (LECZ) (Sea Level Rise Impacts on Ramsar Wetlands of International Importance, v1) - 10.7927/H4CC0XMD

Poverty Mapping (Global Subnational Infant Mortality Rates, v1) - 10.7927/H4PZ56R2

Becker, M., Karpytchev, M., & Papa, F. (2019). Hotspots of Relative Sea Level Rise in the Tropics. In V. Venugopal, J. Sukhatme, R. Murtugudde, & R. Roca (Eds.), *Tropical Extremes* (pp. 203-262): Elsevier.

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

Beine, M., Noy, I., & Parsons, C. (2021). Climate change, migration and voice. *Climatic Change*, 167(1), 8. doi:10.1007/s10584-021-03157-2

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

- Beitler, J. (2016). Time and Tide. *Sensing Our Planet: NASA Earth Science Research Features*, 24-29.
Retrieved from <https://earthdata.nasa.gov/user-resources/sensing-our-planet/time-and-tide>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) -
10.7927/H4MW2F2J
- 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)
- Blackburn, S., & Marques, C. (2013). Mega-urbanisation on the coast: Global context and key trends in
the twenty-first century. In M. Pelling & S. Blackburn (Eds.), *Megacities and the Coast: Risk,
Resilience and Transformation* (pp. 1-21). Oxford: Routledge.
Global Rural-Urban Mapping Project (GRUMP) v1 (unspecified)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Bukvic, A., Rohat, G., Apotsos, A., & de Sherbinin, A. M. (2020). A systematic review of coastal
vulnerability mapping. *Sustainability*, 12(7), 2822. doi:10.3390/su12072822
Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
National Aggregates of Geospatial Data Collection (NAGDC) (Population, Landscape, And Climate
Estimates (PLACE), v3)
- Bush, M. J. (2018). Small island developing states. In *Climate Change Adaptation in Small Island
Developing States* (pp. 19-64): John Wiley & Sons.
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) -
10.7927/H4MW2F2J
- Bush, M. J. (2020). The Overheated Earth. In M. J. Bush (Ed.), *Climate Change and Renewable Energy:
How to End the Climate Crisis* (pp. 59-108). Cham: Springer International Publishing.
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Caso, N., Hilhorst, D., & Mena, R. (2023). The contribution of armed conflict to vulnerability to disaster:
Empirical evidence from 1989 to 2018. *International Journal of Disaster Risk Reduction*, 95,
103881. doi:10.1016/j.ijdrr.2023.103881
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) -
10.7927/H4MW2F2J
- Chen, C., & Zeckhauser, R. J. (2016). *Collective action in an asymmetric world*. Retrieved from
Cambridge, MA: <http://www.nber.org/papers/w22240>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Chen, C., & Zeckhauser, R. J. (2018). Collective action in an asymmetric world. *Journal of Public
Economics*, 158, 103-112. doi:10.1016/j.jpubeco.2017.12.009
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- CIESIN. (2021). Improving estimates of population exposed to sea level rise: Not as straightforward as it
may seem. Retrieved from

- <https://news.climate.columbia.edu/2021/12/20/improving-estimates-of-population-exposed-to-sea-level-rise-not-as-straightforward-as-it-may-seem/>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v3) - 10.7927/d1x1-d702
- Clare, M. C. A., Percival, J. R., Angeloudis, A., Cotter, C. J., & Piggott, M. D. (2021). Hydro-morphodynamics 2D modelling using a discontinuous Galerkin discretisation. *Computers & Geosciences*, 146, 104658. doi:10.1016/j.cageo.2020.104658
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J
- Danda, A. A. (2020). *Climate Change and Sea-Level Rise in the BIMSTEC Region: Towards a Suitable Response*. Retrieved from <https://www.orfonline.org/research/climate-change-and-sea-level-rise-in-the-bimstec-region-towards-a-suitable-response/>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Dao, H., & van Woerden, J. (2009). Population data for climate change analysis. In J. M. Guzman, G. Martine, G. McGranahan, D. Schensul, & C. Tacoli (Eds.), *Population Dynamics and Climate Change* (pp. 218-238). New York: IIED/UNFPA.
Global Rural-Urban Mapping Project (GRUMP) v1 (settlement points)
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
Socioeconomic Downscaled Projections (collection)
- Dasgupta, S., Hossain, M. M., Huq, M., & Wheeler, D. (2014). *Climate Change, Groundwater Salinization and Road Maintenance Costs in Coastal Bangladesh*. Retrieved from Washington DC: <http://hdl.handle.net/10986/21142>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Dasgupta, S., Hossain, M. M., Huq, M., & Wheeler, D. (2014). *Climate Change, Soil Salinity, and the Economics of High-yield Rice Production in Coastal Bangladesh*. Retrieved from Washington DC: <http://hdl.handle.net/10986/21136>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Dasgupta, S., Hossain, M. M., Huq, M., & Wheeler, D. (2014). *Facing the Hungry Tide: Climate Change, Livelihood Threats, and Household Responses in Coastal Bangladesh*. Retrieved from Washington DC: <http://hdl.handle.net/10986/21143>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Dasgupta, S., Hossain, M. M., Huq, M., & Wheeler, D. (2015). Climate change and soil salinity: The case of coastal Bangladesh. *Ambio*, 1-12. doi:10.1007/s13280-015-0681-5
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Dasgupta, S., Hossain, M. M., Huq, M., & Wheeler, D. (2015). Climate change, soil salinity and road maintenance costs in coastal Bangladesh. *Water Economics and Policy*, 1(3), 1550017. doi:10.1142/S2382624X15500174
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Dasgupta, S., Hossain, M. M., Huq, M., & Wheeler, D. (2018). Climate change, salinization and high-yield rice production in coastal Bangladesh. *Agricultural and Resource Economics Review*, 47(1), 66-89. doi:10.1017/age.2017.14

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Dasgupta, S., Huq, M., & Wheeler, D. (2015). *Drinking Water Salinity and Infant Mortality in Coastal Bangladesh*. Retrieved from Washington DC: <http://hdl.handle.net/10986/21594>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Davin, S., Archambault, S., Joubert, M., & Salenson, I. (2014). *Climate change adaptation in cities: The conditions for success*. Retrieved from Paris: <http://www.afd.fr/webdav/site/afd/shared/PUBLICATIONS/RECHERCHE/Scientifiques/Question-developpement/18-VA-question-developpement.pdf>

<http://www.afd.fr/lang/en/home/publications/travaux-de-recherche/publications-scientifiques/question-developpement>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

de Sherbinin, A. M., Warner, K., & Ehrhart, C. (2011). Casualties of climate change. *Scientific American*, 304(1), 64-71. Retrieved from <https://doi.org/10.1038/scientificamerican0111-64>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

de Wit, M. P., Crookes, D. J., Blignaut, J. N., de Beer, Z. W., Paap, T., Roets, F., . . . Richardson, D. M. (2022). An assessment of the potential economic impacts of the invasive polyphagous shot hole borer (Coleoptera: Curculionidae) in South Africa. *Journal of Economic Entomology*, 115(4), 1076-1086. doi:10.1093/jee/toac061

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

Derrick, B., Noranartragoon, P., Zeller, D., Teh, L. C. L., & Pauly, D. (2017). Thailand's missing marine fisheries catch (1950–2014). *Frontiers in Marine Science*, 4(402). doi:10.3389/fmars.2017.00402

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Dioha, M. O., & Kumar, A. (2018). Rooftop solar PV for urban residential buildings of Nigeria: A preliminary attempt towards potential estimation. *AIMS Energy*, 6(5), 710-734. doi:10.3934/energy.2018.5.710

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

Dissanayake, L. (2015). *Urbanization Trends*. Retrieved from Bangkok: <http://www.afppd.org/Resources/Final-Policy-Series-4.pdf>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Ewing, L. C. (2015). Resilience from coastal protection. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 373(2053), Article 20140383. doi:10.1098/rsta.2014.0383

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

Feindouno, S., & Goujon, M. (2016). *The Retrospective Economic Vulnerability Index*. Retrieved from

http://www.ferdi.fr/sites/www.ferdi.fr/files/publication/fichiers/p147-ferdi-goujeon_et_feindo_uno_-_evi_2015.pdf

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1) - 10.7927/H4TM782G

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

National Aggregates of Geospatial Data Collection (NAGDC) (Population, Landscape, And Climate Estimates (PLACE), v2) - 10.7927/H4JW8BSC

National Aggregates of Geospatial Data Collection (NAGDC) (Population, Landscape, And Climate Estimates (PLACE), v3) - 10.7927/H4F769GP

Felix, A., V. Hernández-Fontes, J., Lithgow, D., Mendoza, E., Posada, G., Ring, M., & Silva, R. (2019). Wave energy in tropical regions: Deployment challenges, environmental and social perspectives. *Journal of Marine Science and Engineering*, 7(7), 219. doi:10.3390/jmse7070219

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

Fujita, K., & Shaw, R. (2019). Preparing International Joint Project: use of Japanese flood hazard map in Bangladesh. *International Journal of Disaster Risk Management*, 1(1), 62-80. doi:10.18485/ijdrm.2019.1.1.4

Global Rural-Urban Mapping Project (GRUMP) v1 (population density) map

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1) (map)

Furceri, D., Ganslmeier, M., & Ostry, J. (2023). Are climate change policies politically costly? *Energy Policy*, 178, 113575. doi:10.1016/j.enpol.2023.113575

Low Elevation Coastal Zone (LECZ) (Sea Level Rise Impacts on Ramsar Wetlands of International Importance, v1)

Furceri, D., Ganslmeier, M., & Ostry, J. D. (2021). *Are Climate Change Policies Politically Costly?* Retrieved from <https://www.imf.org/en/Publications/WP/Issues/2021/06/04/Are-Climate-Change-Policies-Politically-Costly-460565>

Low Elevation Coastal Zone (LECZ) (Sea Level Rise Impacts on Ramsar Wetlands of International Importance, v1)

Füssel, H.-M. (2012). Vulnerability of Coastal Populations. In O. Edenhofer, J. Wallacher, H. Lotze-Campen, M. Reder, B. Knopf, & J. Müller (Eds.), *Climate Change, Justice and Sustainability* (pp. 45-57): Springer Netherlands.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

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

Galassi, G., & Spada, G. (2014). Sea-level rise in the Mediterranean Sea to 2050: Roles of terrestrial ice melt, steric effects and glacial isostatic adjustment. *Global and Planetary Change*, 123(Part A), 55-66. doi:10.1016/j.gloplacha.2014.10.007

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Gallo, N. D., Victor, D. G., & Levin, L. A. (2017). Ocean commitments under the Paris Agreement. *Nature Climate Change*, 7, 833-840. doi:10.1038/nclimate3422

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

- 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)
- Goldhaber-Fiebert, J., Alarid-Escudero, F., & Andrews, J. (2020). *Stanford-CIDE Coronavirus Simulation Model (SC-COSMO) – Technical Description Document, Version 2.0*. Retrieved from Palo Alto CA: https://www.sc-cosmo.org/wp-content/uploads/2020/11/SC_COSMO_TechnicalDescription_v02.pdf
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Gotlieb, Y., & García Girón, J. D. (2020). The role of land use conversion in shaping the land cover of the Central American Dry Corridor. *Land Use Policy*, 94, 104351. doi:10.1016/j.landusepol.2019.104351
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Gotlieb, Y., Pérez-Briceño, P. M., Hidalgo, H., & Alfaro, E. (2019). The Central American Dry Corridor: a consensus statement and its background. *Revista Yu'am*, 3(5), 42-51. Retrieved from <https://www.revistayuam.com/volumen-2/numero-3/notas-de-divulgacion-cientifica/the-central-american-dry-corridor-a-consensus-statement-and-its-background/>
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J
- Graves, P. E. (2017). Global climate policy will have net benefits larger than anyone thinks (and welfare gains, strangely, are likely to be much larger yet). *Ecological Economics*, 136, 73-76. doi:10.1016/j.ecolecon.2017.02.014
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Grez, P. W., Aguirre, C., Farías, L., Contreras-López, M., & Masotti, Í. (2020). Evidence of climate-driven changes on atmospheric, hydrological, and oceanographic variables along the Chilean coastal zone. *Climatic Change*, 163, 633-652. doi:10.1007/s10584-020-02805-3
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J
- 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)
- Gu, Y., & Yim, S. H. L. (2016). The air quality and health impacts of domestic trans-boundary pollution in various regions of China. *Environment International*, 97, 117-124. doi:10.1016/j.envint.2016.08.004
- Gridded Population of the World (GPW) v3 (population count)
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)

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)

Harris, M. E., & Ellis, J. T. (2021). Comparing tropical cyclone and king tide impacts on a South Carolina coastal dune system. *Journal of Coastal Research*, 37(5), 923-932.

doi:10.2112/jcoastres-d-21-00025.1

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) -
10.7927/H4MW2F2J

Harrison, T., Gibbs, J., & Winfree, R. (2018). Forest bees are replaced in agricultural and urban landscapes by native species with different phenologies and life-history traits. *Global Change Biology*, 24(1), 287-296. doi:10.1111/gcb.13921

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

Hatzikyriakou, A. (2017). *Vulnerability and Hazard Modeling for Coastal Flooding due to Storm Surge*.

(Ph.D.). Princeton, Princeton. Retrieved from

<https://search.proquest.com/docview/1925511202/>

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

Herman, P. F., & Treverton, G. F. (2009). The Political Consequences of Climate Change. *Survival: Global Politics and Strategy*, 51(2), 137 - 148. doi:10.1080/00396330902860876

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Hossen, B., Yabar, H., & Faruque, M. J. (2022). Exploring the potential of soil salinity assessment through remote sensing and GIS: Case study in the coastal rural areas of Bangladesh. *Land*, 11(10), 1784.

doi:10.3390/land11101784

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

REMOTE SENSING (Landsat)

Jha, A. K., Duyne Barenstein, J., Phelps, P. M., Pittet, D., & Sena, S. (2010). *Safer Homes, Stronger Communities*. Washington DC: World Bank.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Jones, B., & O'Neill, B. C. (2013). Historically grounded spatial population projections for the continental United States. *Environmental Research Letters*, 8(4), 044021.

doi:10.1088/1748-9326/8/4/044021

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

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Kaufmann, M., Van Doorn-Hoekveld, W. J., Gilissen, H. K., & Van Rijswijk, H. F. M. W. (2016). *Analysing and Evaluating Flood risk Governance in the Netherlands. Drowning in Safety?* Retrieved from Utrecht: <http://www.starflood.eu/documents/2016/03/wp3-nl-final-webversion.pdf>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1) map

Kincaid, J. M. (2019). *Help or High Water: On the Moral Entitlements of and State Responsibilities to Climate Refugees*. (Ph.D. Ph.D.). University of Colorado at Boulder, Boulder. Retrieved from <http://tinyurl.com/y6j46pb2>

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

Kirshen, P. H., Douglas, E. M., Paolisso, M., & Enrici, A. (2012). Social and Cultural Incentives and Obstacles to Adaptation to Increased Coastal Flooding in East Boston, MA USA. In H. A. Karl, L. Scarlett, J. C. Vargas-Moreno, & M. Flaxman (Eds.), *Restoring Lands - Coordinating Science, Politics and Action* (pp. 85-107): Springer Netherlands.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Krishnamurthy, P. K., Lewis, K., & Choularton, R. J. (2014). A methodological framework for rapidly assessing the impacts of climate risk on national-level food security through a vulnerability index. *Global Environmental Change*, 25, 121-132. doi:10.1016/j.gloenvcha.2013.11.004

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Kwak, Y., Gusyev, M., Arifuzzaman, B., Khairul, I., Iwami, Y., & Takeuchi, K. (2015). Effectiveness of water infrastructure for river flood management: Part 2 – flood risk assessment and its changes in Bangladesh. *Proceedings of the International Association of Hydrological Sciences*, 370, 83-87. doi:10.5194/piahs-370-83-2015

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

Lakshmi, A., R, P., & R, R. (2014). Recovering from the 2004 Indian Ocean Tsunami: Lessons for Climate Change Response. In B. C. Glavovic & G. P. Smith (Eds.), *Adapting to Climate Change* (pp. 291-314): Springer Netherlands.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Lazer, L. (2019). Rising seas threaten low-lying coastal cities, 10% of world population. Retrieved from <https://blogs.ei.columbia.edu/2019/10/25/rising-seas-low-lying-coastal-cities/>

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

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

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

Le Berre, I., Meur-Ferec, C., Cuq, V., Guillou, E., Lami, T., Le Dantec, N., . . . Hénaff, A. (2022). Systemic vulnerability of coastal territories to erosion and marine flooding: A conceptual and methodological approach applied to Brittany (France). *International Journal of Disaster Risk Reduction*, 78, 103122. doi:10.1016/j.ijdrr.2022.103122

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

Lebel, L., Foran, T., Garden, P., & Manuta, J. B. (2009). Adaptation to Climate Change and Social Justice: Challenges for Flood and Disaster Management in Thailand. In F. Ludwig, P. Kabat, H. van Schaik, & M. van der Valk (Eds.), *Climate change adaptation in the water sector* (pp. 125-142). London; Sterling, VA: Earthscan.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

- Lewis, J. I. (2023). Rebel group formation in Africa: Evidence from a new dataset. *World Development*, 170, 106207. doi:10.1016/j.worlddev.2023.106207
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Li, F., Mao, L., Chen, Q., & Yang, X. (2023). Refined estimation of potential GDP exposure in Low-Elevation Coastal Zones (LECZ) of China based on multi-source data and random forest. *Remote Sensing*, 15(5), 1285. doi:10.3390/rs15051285
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
NASA REMOTE SENSING (MODIS)
NASA REMOTE SENSING (NASADEM)
REMOTE SENSING (Landsat)
- Liu, Z., & Balk, D. (2020). Urbanisation and differential vulnerability to coastal flooding among migrants and nonmigrants in Bangladesh. *Population, Space and Place*, 26(7), e2334. doi:10.1002/psp.2334
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Lorenz, K., & Lal, R. (2022). Terrestrial Land of the United States of America. In *Soil Organic Carbon Sequestration in Terrestrial Biomes of the United States* (pp. 1-31). Cham: Springer International Publishing.
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- MacManus, K., Balk, D., Engin, H., McGranahan, G., & Inman, R. (2021). Estimating population and urban areas at risk of coastal hazards, 1990–2015: How data choices matter. *Earth System Science Data*, 13(12), 5747-5801. doi:10.5194/essd-13-5747-2021
Gridded Population of the World (GPW) v4.11 (national identifier grid) - 10.7927/H4TD9VDP
Global Rural-Urban Mapping Project (GRUMP) v1.02 (urban extent polygons) - 10.7927/np6p-qe61
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1) - 10.7927/H4TM782G
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
Satellite-Derived Environmental Indicators (VIIRS Plus DMSP Change in Lights (VIIRS+DMSP dLIGHT), v1) - 10.7927/9ryj-6467
REMOTE SENSING (MERIT)
- Martine, G. (2009). Population dynamics and policies in the context of global climate change. In J. M. Guzman, G. Martine, G. McGranahan, D. Schensul, & C. Tacoli (Eds.), *Population Dynamics and Climate Change* (pp. 9-30). New York: IIED/UNFPA.
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Masterson, S., Teljeur, C., Cullinan, J., Murphy, A. W., Deasy, C., & Vellinga, A. (2018). Out-of-hospital cardiac arrest in the home: Can area characteristics identify at-risk communities in the Republic of Ireland? *International Journal of Health Geographics*, 17(1), 6. doi:10.1186/s12942-018-0126-z
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)

- McGranahan, G., Balk, D., & Anderson, B. (2006). Low coastal zone settlements. *Tiempo*(59), 23-26.
Retrieved from <http://tiempo.sei-international.org/portal/archive/pdf/tiempo59low.pdf>
Global Rural-Urban Mapping Project (GRUMP) v1 (population count)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- McGranahan, G., Balk, D., & Anderson, B. (2007). The rising tide: assessing the risks of climate change and human settlements in low elevation coastal zones. *Environment and Urbanization*, 19(1), 17-37. doi:10.1177/0956247807076960
Global Rural-Urban Mapping Project (GRUMP) v1 (collection)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- McGranahan, G., Balk, D., & Anderson, B. (2008). A summary of the risks of climate change and urban settlement in low elevation coastal areas. In G. Martine, G. McGranahan, M. Montgomery, & R. Fernandez-Castilla (Eds.), *The New Global Frontier: Cities, Poverty And Environment In The 21st Century* (pp. 165-182). London: Earthscan.
Global Rural-Urban Mapping Project (GRUMP) alpha (unspecified)
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Mediodia, H. J. P. (2021). Effects of sea surface temperature on tuna catch: Evidence from countries in the Eastern Pacific Ocean. *Ocean & Coastal Management*, 209, 105657.
doi:10.1016/j.ocecoaman.2021.105657
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Merkens, J.-L., Reimann, L., Hinkel, J., & Vafeidis, A. T. (2016). Gridded population projections for the coastal zone under the Shared Socioeconomic Pathways. *Global and Planetary Change*, 145, 57-66. doi:10.1016/j.gloplacha.2016.08.009
Global Rural-Urban Mapping Project (GRUMP) v1 (population count) - 10.7927/H4VT1Q1H
Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent) - 10.7927/H4GH9FVG
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Mezei, L., Güneralp, B., & Güneralp, İ. (2023). Local participation in mitigation and adaptation to coastal hazards in the U.S.:A critical review with a focus on resettlement. *International Journal of Disaster Risk Reduction*, 95, 103796. doi:10.1016/j.ijdr.2023.103796
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Monnereau, I., Mahon, R., McConney, P., Nurse, L., Turner, R., & Vallès, H. (2017). The impact of methodological choices on the outcome of national-level climate change vulnerability assessments: An example from the global fisheries sector. *Fish and Fisheries*, 18(4), 717-731.
doi:10.1111/faf.12199
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
National Aggregates of Geospatial Data Collection (NAGDC) (Population, Landscape, And Climate Estimates (PLACE), v3)
- Mukherjee, N., & Siddique, G. (2022). Soil, Water Salinization and Its Impact on Household Food Insecurity in the Indian Sundarbans. In N. C. Jana & R. B. Singh (Eds.), *Climate, Environment and Disaster in Developing Countries* (pp. 217-233). Singapore: Springer Singapore.
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)

Mulyana, W., Setiono, I., Kracker Selzer, A., Zhang, S., Dodman, D., & Schensul, D. (2013). *Urbanisation, Demographics and Adaptation to Climate Change in Semarang, Indonesia*. Retrieved from London: <http://pubs.iied.org/10632IIED.html>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Murphy, D. W. A. (2014). Theorizing climate change, (im)mobility and socio-ecological systems resilience in low-elevation coastal zones. *Climate and Development*, 1-18. doi:10.1080/17565529.2014.953904

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Mycoo, M., & Donovan, M. G. (2017). *A Blue Urban Agenda: Adapting to Climate Change in the Coastal Cities of Caribbean and Pacific Small Island Developing States*. Retrieved from Washington: <https://publications.iadb.org/handle/11319/8264>

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

National Research Council, Board on Atmospheric Sciences and Climate (BASC), & Earth and Life Studies (DELS). (2010). *Adapting to the Impacts of Climate Change*. Washington DC: The National Academies Press.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Nelson, K., Partelow, S., & Schlüter, A. (2018). *Extending the scope of voluntary marine park user fees to terrestrial conservation across coupled land-sea ecosystem boundaries*. Retrieved from Liebniz, Germany: <https://doi.org/10.21244/zmt.2018.002>

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

Newall, P. R., & Fisk, G. (2023). 13 - Trajectories in wetland condition: Setting limits of acceptable change. In P. A. Gell, N. C. Davidson, & C. M. Finlayson (Eds.), *Ramsar Wetlands* (pp. 335-355): Elsevier.

Low Elevation Coastal Zone (LECZ) (Sea Level Rise Impacts on Ramsar Wetlands of International Importance, v1)

Nguyen, H. T., & Pearce, J. M. (2011). Community-Scale Wind-Powered Desalination for Selected Coastal Mekong Provinces in Vietnam. In M. A. Stewart & P. A. Coclanis (Eds.), *Environmental Change and Agricultural Sustainability in the Mekong Delta* (Vol. 45, pp. 371-398): Springer Netherlands.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Nicholls, R. J., & Cazenave, A. (2010). Sea-level rise and its impact on coastal zones. *Science*, 328(5985), 1517-1520. doi:10.1126/science.1185782

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Ouyang, Z., Fan, P., Chen, J., Laforteza, R., Messina, J. P., Giannico, V., & John, R. (2019). A Bayesian approach to mapping the uncertainties of global urban lands. *Landscape and Urban Planning*, 187, 210-218. doi:10.1016/j.landurbplan.2018.07.016

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

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

Pendleton, L., Comte, A., Langdon, C., Ekstrom, J. A., Cooley, S. R., Suatoni, L., . . . Ritter, J. (2016). Coral reefs and people in a high-CO2 world: Where can science make a difference to people? *PLoS*

- ONE, 11(11), e0164699. doi:10.1371/journal.pone.0164699
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Posner, S. M., Fenichel, E. P., McCauley, D. J., Biedenweg, K., Brumbaugh, R. D., Costello, C., . . . Mannix, H. (2020). Boundary spanning among research and policy communities to address the emerging industrial revolution in the ocean. *Environmental Science & Policy*, 104, 73-81. Retrieved from <https://doi.org/10.1016/j.envsci.2019.11.004>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Prasad, N., Ranghieri, F., Shah, F., Trohanis, Z., Kessler, E., & Sinha, R. (2009). *Resilient Cities*. Retrieved from Washington: <https://doi.org/10.1596/978-0-8213-7766-6>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Quiroz Flores, A. (2018). Protecting people from natural disasters: Political institutions and ocean-originated hazards. *Political Science Research and Methods*, 6(1), 111-134. doi:10.1017/psrm.2015.72
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Rahman, M. H., Noor, M. A., & Ahmed, A. (2011). Climate change impacts and adaptation strategies for Bangladesh. In M. Hossain & E. Selvanathan (Eds.), *Climate Change and Growth in Asia*. Cheltenham: Edward Elgar Publishing.
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Rajan, S. C. (2008). *Blue Alert: Climate Migrants in South Asia: Estimates and Solutions*. Retrieved from <http://www.greenpeace.org/india/en/publications/blue-alert-report/>
<http://www.greenpeace.org/india/Global/india/report/2008/3/blue-alert-report.pdf>
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Ramesh, R., Chen, Z., Cummins, V., Day, J., D'Elia, C., Dennison, B., . . . Wolanski, E. (2015). Land-Ocean Interactions in the Coastal Zone: Past, present & future. *Anthropocene*, 12, 85-98. doi:10.1016/j.ancene.2016.01.005
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Ramesh, R., Lakshmi, A., George, A., & Purvaja, R. (2015). Building resilient coastal communities by enabling participatory action: A case study from India. In B. C. Glavovic, M. Kelly, R. Kay, & A. Travers (Eds.), *Climate Change and the Coast: Building Resilient Communities* (pp. 169-183). Boca Raton: CRC Press.
Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Ramieri, E., Hartley, A., Barbanti, A., Duarte Santos, F., Laihonon, 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)
- Revi, A., Satterthwaite, D., Aragón-Durand, F., Corfee-Morlot, J., Kiunsi, R. B. R., Pelling, M., . . . Solecki,

W. (2014). Urban Areas. In *Climate Change 2014: Impacts, Adaptation, and Vulnerability: Volume I: Global and Sectoral Aspects* (Vol. 1, pp. 113): Intergovernmental Panel on Climate Change.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

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/H4RF5SOP

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., 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

Rockström, J., Gupta, J., Qin, D., Lade, S. J., Abrams, J. F., Andersen, L. S., . . . Zhang, X. (2023). Safe and just Earth system boundaries. *Nature*, 619, 102-111. doi:10.1038/s41586-023-06083-8

Gridded Population of the World (GPW) v4.11 (population count UN WPP-adjusted) - 10.7927/H4PN93PB

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v3) - 10.7927/d1x1-d702

NASA REMOTE SENSING (GRACE)

Romero-Lankao, P., Smith, J. B., Anderegg, W., Carr, J., Cheng, A., Dickinson, T., . . . Wilbanks, T. (2014). North America: . . . In *Climate Change 2014: Impacts, Adaptation, and Vulnerability: Volume 2: Regional Aspects* (Vol. 2, pp. 88): Intergovernmental Panel on Climate Change.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Sadat-Noori, M., Rankin, C., Rayner, D., Heimhuber, V., Gaston, T., Drummond, C., . . . Glamore, W. (2021). Coastal wetlands can be saved from sea level rise by recreating past tidal regimes. *Scientific Reports*, 11(1), 1196. doi:10.1038/s41598-021-80977-3

Low Elevation Coastal Zone (LECZ) (Sea Level Rise Impacts on Ramsar Wetlands of International Importance, v1)

Scott, D., & Verkoeyen, S. (2017). Assessing the climate change risk of a coastal-island destination. In A. Jones & M. Phillips (Eds.), *Global Climate Change and Coastal Tourism: Recognizing Problems, Managing Solutions and Future Expectations* (pp. 62-73). Oxfordshire: CABI.

Low Elevation Coastal Zone (LECZ) (Sea Level Rise Impacts on Ramsar Wetlands of International Importance, v1)

Seimon, A. (2012). Improving Understanding of Climatic Controls on Ecology in Development Contexts. In J. C. Ingram, F. DeClerck, & C. Rumbaitis del Rio (Eds.), *Integrating Ecology and Poverty Reduction* (pp. 353-367): Springer US.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Seto, K. C., Fragkias, M., Güneralp, B., & Reilly, M. K. (2011). A meta-analysis of global urban land expansion. *PLoS ONE*, 6(8), e23777. doi:10.1371/journal.pone.0023777

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

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Socioeconomic Downscaled Projections (Country-Level Population and Downscaled Projections Based on the SRES B2 Scenario, v1)

NASA REMOTE SENSING (MODIS)

REMOTE SENSING (SPOT GLC2000)

Shaibur, M. R., Parvin, S., Ahmmed, I., Rahaman, M. H., Das, T. K., & Sarwar, S. (2021). Gradients of salinity in water sources of Batiaghata, Dacope and Koyra Upazila of Coastal Khulna District, Bangladesh. *Environmental Challenges*, 4, 100152. doi:10.1016/j.envc.2021.100152

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Silva, R., Martínez, M. L., Hesp, P. A., Catalan, P., Osorio, A. F., Martell, R., . . . Govaere, G. (2014). Present and future challenges of coastal erosion in Latin America. *Journal of Coastal Research, Special Issue 71 - Coastal Erosion and Management along Developing Coasts*, 1-16. doi:10.2112/si71-001.1

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

Silver, J. M., Arkema, K. K., Griffin, R. M., Lashley, B., Lemay, M., Maldonado, S., . . . Verutes, G. (2019). Advancing coastal risk reduction science and implementation by accounting for climate, ecosystems, and people. *Frontiers in Marine Science*, 6(556). doi:10.3389/fmars.2019.00556

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

REMOTE SENSING (Landsat)

REMOTE SENSING (RapidEye)

Spada, G., Bamber, J. L., & Hurkmans, R. T. W. L. (2013). The gravitationally consistent sea-level fingerprint of future terrestrial ice loss. *Geophysical Research Letters*, 40(3), 482-486. doi:10.1029/2012gl053000

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Srivastava, R. K. (2020). South Asia Region and Its Urban Agglomerates: The Risk Characterization. In

- Managing Urbanization, Climate Change and Disasters in South Asia* (pp. 23-78). Singapore: Springer Singapore.
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Swain, D. (2022). Tropical Cyclones and Coastal Vulnerability: Assessment and Mitigation. In A. Pandey, V. M. Chowdary, M. D. Behera, & V. P. Singh (Eds.), *Geospatial Technologies for Land and Water Resources Management* (pp. 587-621). Cham: Springer International Publishing.
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1) - 10.7927/H4TM782G
- Talley, D., Goodwin, L., Ruzic, R., & Fidler, S. (2011). Marine ecology as a framework for preparing the next generation of scientific leaders. *Marine Ecology*, 32(3), 268-277.
doi:10.1111/j.1439-0485.2011.00468.x
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Taniguchi, M., & Lee, S. (2020). Identifying social responses to inundation disasters: a humanity–nature interaction perspective. *Global Sustainability*, 3, e9. doi:10.1017/sus.2020.3
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- Teh, L. C. L., & Sumaila, U. R. (2013). Contribution of marine fisheries to worldwide employment. *Fish and Fisheries*, 14(1), 77-88. doi:10.1111/j.1467-2979.2011.00450.x
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- Teh, L. S. L., Teh, L. C. L., & Sumaila, U. R. (2013). A global estimate of the number of coral reef fishers. *PLoS ONE*, 8(6), e65397. doi:10.1371/journal.pone.0065397
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- therealbriel. (2016). Life on the River: Flooding Resilience in Bangladesh. Retrieved from <https://urpl590resilience.wordpress.com/2016/05/02/life-on-the-river-flooding-resilience-in-bangladesh/>
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1) map
- Toubes, D., Gössling, S., Hall, C., & Scott, D. (2017). Vulnerability of coastal beach tourism to flooding: A case study of Galicia, Spain. *Environments*, 4(4), 23pp. doi:10.3390/environments4040083
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2)
- 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)
- van de Sande, B., Lansen, J., & Hoyng, C. (2012). Sensitivity of coastal flood risk assessments to digital elevation models. *Water*, 4(3), 568-579. doi:10.3390/w4030568
- Global Rural-Urban Mapping Project (GRUMP) v1 (urban extent)
- Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)
- NASA REMOTE SENSING (ASTER GDEM)

NASA REMOTE SENSING (SRTM)
REMOTE SENSING (LIDAR)

van Doorn-Hoekveld, W. (2014). Compensation in flood risk management with a focus on shifts in compensation regimes regarding prevention, mitigation and disaster management. *Utrecht Law Review*, 10(2), 216-238. doi:10.18352/ulr.279

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

VanWormer, E., Carpenter, T. E., Singh, P., Shapiro, K., Wallender, W. W., Conrad, P. A., . . . Mazet, J. A. K. (2016). Coastal development and precipitation drive pathogen flow from land to sea: evidence from a *Toxoplasma gondii* and felid host system. *Scientific Reports*, 6(29252), 9 pp. doi:10.1038/srep29252

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Vedi, P. K. (2017). Environment, nationalism and sustainability: Racial minorities of Ganges Delta. *European Journal of Sustainable Development*, 6(4), 425-434. Retrieved from <https://ecsdev.org/ojs/index.php/ejsd/article/view/583>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

Wanek, A. S., Hargiss, C. L. M., & Norland, J. (2022). Hydric vegetation communities across rural, peri-urban, and urban zones within the Prairie Pothole Region. *Urban Forestry & Urban Greening*, 70, 127539. doi:10.1016/j.ufug.2022.127539

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population and Land Area Estimates, v2) - 10.7927/H4MW2F2J

Weller, R. J., Hoch, C., & Huang, C. (2017). Atlas for the End of the World. Retrieved from <http://atlas-for-the-end-of-the-world.com>

Global Agricultural Lands (Cropland)

Global Agricultural Lands (Pasture)

Anthropogenic Biomes of the World v1

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

Wheeler, D. (2011). *Quantifying Vulnerability to Climate Change: Implications for Adaptation Assistance*. Retrieved from Washington DC: <https://doi.org/10.2139/ssrn.1824611>

<http://www.cgdev.org/content/publications/detail/1424759>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Woiwode, C. (2012). Urban governance for risk reduction and climate change resilience - considerations with special attention to Southeast Asia and India. *Sri Lanka Journal of Real Estate*(6), 38-60.

Retrieved from <http://www.sci.sjp.ac.lk/ojs/index.php/SLJRE/article/view/1062/302>

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Wong, P. P., Losada, I. J., Gattuso, J.-P., Hinkel, J., Khattabi, A., McInnes, K., . . . Sallenger, A. (2014). Coastal Systems and Low-Lying Areas. In *Climate Change 2014: Impacts, Adaptation, and Vulnerability: Volume I: Global and Sectoral Aspects* (pp. 85): Intergovernmental Panel on Climate Change.

Low Elevation Coastal Zone (LECZ) (Urban-Rural Population Estimates, v1)

Yang, X., Yao, C., Chen, Q., Ye, T., & Jin, C. (2019). Improved estimates of population exposure in low-elevation coastal zones of China. *International Journal of Environmental Research and Public Health*, *16*(20), 4012. doi:10.3390/ijerph16204012

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

NASA REMOTE SENSING (ASTER GDEM)

REMOTE SENSING (DMSP-OLS)

REMOTE SENSING (SPOT 4)