

Listed below are known citations to the NASA Socioeconomic Data and Applications Center (SEDAC) *Digital Elevation Data Collection (DEDAC)* 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.

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 (DEDAC) (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)

Chen, J., Fenoglio, L., Kusche, J., Liao, J., Uyanik, H., Nadzir, Z. A., & Lou, Y. (2023). Evaluation of Sentinel-3A altimetry over Songhua River Basin. *Journal of Hydrology*, 618, 129197.

doi:10.1016/j.jhydrol.2023.129197

Digital Elevation Data Collection (DEDAC) (Altimeter Corrected Elevations (ACE2), v2)

REMOTE SENSING (Sentinel-3A)

Dandabathula, G. (2022). Applications of ICESat-2 Photon Data in the Third Pole Environment. In M. Pandey, P. C. Pandey, Y. Ray, A. Arora, S. D. Jawak, & U. K. Shukla (Eds.), *Advances in Remote Sensing Technology and the Three Poles* (pp. 213-229): John Wiley & Sons.

Digital Elevation Data Collection (DEDAC) (Altimeter Corrected Elevations (ACE2), v2) -

10.7927/H40G3H78

NASA REMOTE SENSING (ICESat-2)

Dawod, G. M., & Ascoura, I. E. (2021). The validity of open-source elevations for different topographic map scales and geomatics applications. *Journal of Geographic Information System*, 13(2), 18.

doi:10.4236/jgis.2021.132009

Digital Elevation Data Collection (DEDAC) (Altimeter Corrected Elevations (ACE2), v2)

NASA REMOTE SENSING (ASTER GDEM)

NASA (NASADEM_HGT)

NASA REMOTE SENSING (SRTM)

Jones, B. (2020). *Modeling Climate Change-Induced Migration in Central America & Mexico Methodological Report*. Retrieved from New York:

<https://assets-c3.propublica.org/Climate-Migration-Modeling-Methodology.pdf>

Digital Elevation Data Collection (DEDAC) (Altimeter Corrected Elevations (ACE2), v2)

Gridded Population of the World (GPW) v4 (population count) - 10.7927/H4X63JVC

Gridded Population of the World (GPW) v4.10 (basic demographic characteristics) - 10.7927/H45H7D7F

Satellite-Derived Environmental Indicators (Trends in Global Freshwater Availability from the Gravity Recovery and Climate Experiment (GRACE), v1)

- Pandey, A., Singh, G., Chowdary, V. M., Behera, M. D., Prakash, A. J., & Singh, V. P. (2022). Overview of Geospatial Technologies for Land and Water Resources Management. In A. Pandey, V. M. Chowdary, M. D. Behera, & V. P. Singh (Eds.), *Geospatial Technologies for Land and Water Resources Management* (pp. 1-16). Cham: Springer International Publishing.
- Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
REMOTE SENSING (many)
- Pitoňák, M., Šprlák, M., Ophaug, V., Omang, O. C. D., & Novák, P. (2023). Validation of space-wise GOCE gravitational gradient grids using the spectral combination method and GNSS/Levelling data. *Surveys in Geophysics*, 44, 739-782. doi:10.1007/s10712-022-09762-9
- Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
REMOTE SENSING (GOCE)
- Wang, Z., Liu, J., Wang, J., Wang, L., Luo, M., Wang, Z., . . . Li, H. (2020). Resolving and analyzing landfast ice deformation by InSAR technology combined with Sentinel-1A ascending and descending orbits data. *Sensors*, 20(22), 6561. doi:10.3390/s20226561
- Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
REMOTE SENSING (Sentinel-1A)
- Wang, Z., Wang, Z., Li, H., Ni, P., & Liu, J. (2021). A modified approach of extracting landfast ice edge based on Sentinel-1A InSAR coherence image in the Gulf of Bothnia. *Journal of Marine Science and Engineering*, 9(10), 1076. doi:10.3390/jmse9101076
- Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
REMOTE SENSING (Sentinel-1 SAR)
- Wu, H., Tao, J., Yamazaki, D., Chen, W., Huang, Z., Li, C., & Kimball, J. (2021). Digital elevation model and drainage network data sets for global flood and drought modeling. In H. Wu, D. P. Lettenmaier, Q. Tang, & P. J. Ward (Eds.), *Global Drought and Flood: Observation, Modeling, and Prediction* (pp. 213-236): American Geophysical Union.
- Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
NASA REMOTE SENSING (ASTER GDEM)
NASA REMOTE SENSING (SRTM)
- Zhang, C., Liao, H., Strobl, E., Li, H., Li, R., Jensen, S. S., & Zhang, Y. (2021). The role of weather conditions in COVID-19 transmission: A study of a global panel of 1236 regions. *Journal of Cleaner Production*, 292, 125987. doi:10.1016/j.jclepro.2021.125987
- Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
Gridded Population of the World (GPW) v4.11 (basic demographic characteristics)
Gridded Population of the World (GPW) v4.11 (population density)
NASA REMOTE SENSING (OMI NO2)
- Zhang, X., Jiang, L., Kittel, C. M. M., Yao, Z., Nielsen, K., Liu, Z., . . . Bauer-Gottwein, P. (2020). On the performance of Sentinel-3 altimetry over new reservoirs: Approaches to determine onboard a priori elevation. *Geophysical Research Letters*, 47(17), e2020GL088770. doi:10.1029/2020gl088770
- Digital Elevation Data Collection (DEDIC) (Altimeter Corrected Elevations (ACE2), v2)
NASA REMOTE SENSING (SRTM)

REMOTE SENSING (CryoSat-2)
REMOTE SENSING (Sentinel-3)
REMOTE SENSING (TanDEM-X DEM)