

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

Babu, K. N., Gour, R., Ayushi, K., Ayyappan, N., & Parthasarathy, N. (2023). Environmental drivers and spatial prediction of forest fires in the Western Ghats biodiversity hotspot, India: An ensemble machine learning approach. *Forest Ecology and Management*, 540, 121057. doi:10.1016/j.foreco.2023.121057

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ
REMOTE SENSING (Landsat) from GEE
REMOTE SENSING (Sentinel-2)
REMOTE SENSING (VIIRS NTL)

Babu, K. N., Mandyam, S., Jetty, S., Dar, A. A., Ayushi, K., Narayanan, A., . . . Narayanaswamy, P. (2023). Carbon stocks of tree plantations in a Western Ghats landscape, India: influencing factors and management implications. *Environmental Monitoring and Assessment*, 195(3), 404. doi:10.1007/s10661-023-10964-w

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ

Bal, M., Das, A., Ghosal, J., Pradhan, M. M., Khuntia, H. K., Pati, S., . . . Ranjit, M. (2020). Assessment of effectiveness of DAMaN: A malaria intervention program initiated by Government of Odisha, India. *PLoS ONE*, 15(9), e0238323. doi:10.1371/journal.pone.0238323

India Data Collection (Spatial Data from the 2011 India Census, v1) - 10.7927/gya1-wp91

Calel, R., Colmer, J., Dechezleprêtre, A., & Glachant, M. (2021). *Do Carbon Offsets Offset Carbon?* Retrieved from Munich:

<https://www.cesifo.org/en/publikationen/2021/working-paper/do-carbon-offsets-offset-carbon>
India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)

Chakraborty, S., Dadashpoor, H., Novotný, J., Maity, I., Follmann, A., Patel, P. P., . . . Pramanik, S. (2022). In pursuit of sustainability – Spatio-temporal pathways of urban growth patterns in the world's largest megacities. *Cities*, 131, 103919. doi:10.1016/j.cities.2022.103919

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)
REMOTE SENSING (Landsat)

Chatterjee, S., & Sarkar, K. (2022). Appraisal of urban–rural disparities in access to health care facilities and exposure to health risk factors: A case study of Durgapur Industrial region, India. *GeoJournal*, 87(5), 4007–4024. doi:10.1007/s10708-021-10480-9

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)

Das, S. (2020). Flood susceptibility mapping of the Western Ghat coastal belt using multi-source geospatial data and analytical hierarchy process (AHP). *Remote Sensing Applications: Society and*

Environment, 20, 100379. doi:10.1016/j.rsase.2020.100379
India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)
NASA REMOTE SENSING (SRTM)

Dhar, T., Bhatta, B., & Aravindan, S. (2023). Forest fire occurrence, distribution and risk mapping using geoinformation technology: A case study in the sub-tropical forest of the Meghalaya, India. *Remote Sensing Applications: Society and Environment*, 29, 100883. doi:10.1016/j.rsase.2022.100883

India Data Collection (Spatial Data from the 2011 India Census, v1) - 10.7927/gya1-wp91
NASA REMOTE SENSING (MODIS)
REMOTE SENSING (Sentinel-2 Multispectral Imager (MSI))

Dharmarajan, G., Gupta, P., Vishnudas, C. K., & Robin, V. V. (2021). Anthropogenic disturbance favours generalist over specialist parasites in bird communities: Implications for risk of disease emergence. *Ecology Letters*, 24(9), 1859-1868. doi:10.1111/ele.13818
India Data Collection (Spatial Data from the 2011 India Census, v1)

Gao, X., Liang, S., & He, B. (2019). Detected global agricultural greening from satellite data. *Agricultural and Forest Meteorology*, 276-277, 107652. doi:10.1016/j.agrformet.2019.107652
India Data Collection (Annual Winter Cropped Area, v1) - 10.7927/H47D2S3W
NASA REMOTE SENSING (AVHRR GIMMS)
NASA REMOTE SENSING (AVHRR GLASS)

Horan, R., Rickards, N. J., Kaelin, A., Baron, H. E., Thomas, T., Keller, V. D. J., . . . Rees, G. (2021). Extending a large-scale model to better represent water resources without increasing the model's complexity. *Water*, 13(21), 3067. doi:10.3390/w13213067
India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)
NASA REMOTE SENSING (SRTM)

Hough, S. E., & Martin, S. S. (2021). Which earthquake accounts matter? *Seismological Research Letters*, 92(2A), 1069-1084. doi:10.1785/0220200366
India Data Collection (Spatial Data from the 2011 India Census, v1)

Jain, M., Fishman, R., Mondal, P., Galford, G. L., Bhattarai, N., Naeem, S., . . . DeFries, R. S. (2021). Groundwater depletion will reduce cropping intensity in India. *Science Advances*, 7(9), eabd2849. doi:10.1126/sciadv.abd2849
India Data Collection (Annual Winter Cropped Area, v1)
NASA REMOTE SENSING (MODIS)

Kundu, A., Mukhopadhyay, S., & Panja, S. (2022). An integrated assessment of flood risk using geospatial and multi-criteria based analysis: A case study from Mayurakshi River Basin, India. In A. Islam, P. Das, S. Ghosh, A. Mukhopadhyay, A. Das Gupta, & A. Kumar Singh (Eds.), *Fluvial Systems in the Anthropocene: Process, Response and Modelling* (pp. 125-154). Cham: Springer International Publishing.
India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)

Kuttippurath, J., Patel, V. K., Pathak, M., & Singh, A. (2022). Improvements in SO₂ pollution in India: role of technology and environmental regulations. *Environmental Science and Pollution Research*, 29,

78637-78649. doi:10.1007/s11356-022-21319-2

India Data Collection (Spatial Data from the 2011 India Census, v1)
NASA REMOTE SENSING (MODIS)

Malviya, M., & Krishnamurthy, R. (2022). Multiscale spatially explicit modelling of livestock depredation by reintroduced tiger (*Panthera tigris*) to predict conflict risk probability. *Global Ecology and Conservation*, 40, e02313. doi:10.1016/j.gecco.2022.e02313

India Data Collection (Spatial Data from the 2011 India Census, v1) - 10.7927/gya1-wp91
Last of the Wild v3 (Human Footprint, 2018 Release (2009)) - 10.7927/H46T0JQ4
NASA REMOTE SENSING (ASTER GDEM)
REMOTE SENSING (Landsat)

Mondal, P., DeFries, R. S., Clark, J., Flowerhill, N., Arif, M., Harou, A., . . . Fanzo, J. (2021). Multiple cropping alone does not improve year-round food security among smallholders in rural India. *Environmental Research Letters*, 16(6), 065017. doi:10.1088/1748-9326/ac05ee

India Data Collection (Annual Winter Cropped Area, v1) - 10.7927/H47D2S3W

Nair, A. S., & Indu, J. (2019). Improvement of land surface model simulations over India via data assimilation of satellite-based soil moisture products. *Journal of Hydrology*, 573, 406-421. doi:10.1016/j.jhydrol.2019.03.088

India Data Collection (Annual Winter Cropped Area, v1) - 10.7927/H47D2S3W
REMOTE SENSING (Advanced Scatterometer (ASCAT))
REMOTE SENSING (Soil Moisture and Ocean Salinity (SMOS))

Neog, B. J. (2022). Temperature shocks and rural labour markets: evidence from India. *Climatic Change*, 171(1), 16. doi:10.1007/s10584-022-03334-x

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)

Niyogi, R., Sarkar, M. S., Hazra, P., Rahman, M., Banerjee, S., & John, R. (2021). Habitat connectivity for the conservation of small ungulates in a human-dominated landscape. *ISPRS International Journal of Geo-Information*, 10(3), 180. doi:10.3390/ijgi10030180

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)
NASA REMOTE SENSING (ASTER GDEM)
REMOTE SENSING (Landsat)

Niyogi, R., Shekhar Sarkar, M., Shekhar Niyogi, V., Hazra, P., & John, R. (2022). Habitat connectivity for conserving cervids in a multifunctional landscape. *Journal for Nature Conservation*, 68, 126212. doi:10.1016/j.jnc.2022.126212

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ

Novotný, J., Chakraborty, S., & Maity, I. (2022). Urban expansion of the 43 worlds' largest megacities: A search for unified macro-patterns. *Habitat International*, 129, 102676. doi:10.1016/j.habitatint.2022.102676

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)

Onda, K., Sinha, P., Gaughan, A. E., Stevens, F. R., & Kaza, N. (2019). Missing millions: undercounting urbanization in India. *Population and Environment*, 41(2), 126-150. doi:10.1007/s11111-019-00329-2

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ
NASA REMOTE SENSING (SRTM)
REMOTE SENSING (DMSP-OLS)
REMOTE SENSING (MERIS GlobCover)

Pal, R., Sutherland, C., Qureshi, Q., & Sathyakumar, S. (2022). Landscape connectivity and population density of snow leopards across a multi-use landscape in Western Himalaya. *Animal Conservation*, 25(3), 414-426. doi:10.1111/acv.12754

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ

Palmer-Jones, R. (2022). *What should we say of Dams who mainly 'metrics' mastered? The impact of 'Dams'*. Retrieved from Manchester, UK:
<https://hummedia.manchester.ac.uk/institutes/gdi/publications/workingpapers/futuredams/futuredams-working-paper-022-jones.pdf>

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ
NASA REMOTE SENSING (MODIS)

Sekharan, N., Kurian, M., & Jawahar Saud, S. (2022). *Drought Intensity Mapping of Kannur District, Kerala, India*. Paper presented at the SECON 2021.

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1)

Sharma, A., Venkataraman, C., Muduchuru, K., Singh, V., Kesarkar, A., Ghosh, S., & Dey, S. (2023). Aerosol radiative feedback enhances particulate pollution over India: A process understanding. *Atmospheric Environment*, 298, 119609. doi:10.1016/j.atmosenv.2023.119609

India Data Collection (Spatial Data from the 2011 India Census, v1)

NASA REMOTE SENSING (CERES)
NASA REMOTE SENSING (MISR)
NASA REMOTE SENSING (MODIS)

Singh, G., & Pandey, A. (2021). Flash flood vulnerability assessment and zonation through an integrated approach in the Upper Ganga Basin of the Northwest Himalayan region in Uttarakhand. *International Journal of Disaster Risk Reduction*, 66, 102573. doi:10.1016/j.ijdrr.2021.102573

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ

NASA REMOTE SENSING (SRTM)
REMOTE SENSING (Landsat)

Singh, G., Soman, B., & Grover, G. S. (2023). Exploratory Spatio-Temporal Data Analysis (ESTDA) of Dengue and its association with climatic, environmental, and sociodemographic factors in Punjab, India. *Ecological Informatics*, 75, 102020. doi:10.1016/j.ecoinf.2023.102020

India Data Collection (Spatial Data from the 2011 India Census, v1)

Subramanyam, N. (2020). A small improvement: small cities lag in expanding household water coverage across urban India. *Water Policy*, 22(3), 468-482. doi:10.2166/wp.2020.116

India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ

Sylvia, C., & Sharma, R. K. (2023). Human-wildlife conflict in the western Himalaya: A systematic review of research and conservation interventions implemented over three decades. In S. Sharma, J. C. Kuniyal, P. Chand, & P. Singh (Eds.), *Climate Change Adaptation, Risk Management and*

Sustainable Practices in the Himalaya (pp. 281-335). Cham: Springer International Publishing.
India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ

Taal, A. T., Garg, A., Lisam, S., Agarwal, A., Barreto, J. G., van Brakel, W. H., . . . Blok, D. J. (2022).
Identifying clusters of leprosy patients in India: A comparison of methods. *PLoS Neglected
Tropical Diseases*, *16*(12), e0010972. doi:10.1371/journal.pntd.0010972
India Data Collection (Village-Level Geospatial Socio-Economic Data Set, v1) - 10.7927/H4CN71ZJ