

Global Human Modification of Terrestrial Systems, v1 (2016)

Dataset Code: humanModification

The Global Human Modification of Terrestrial Systems data set provides a cumulative measure of the human modification of terrestrial lands across the globe. It is a continuous 0-1 metric that reflects the proportion of a landscape modified, based on modeling the physical extents of 13 anthropogenic stressors and their estimated impacts using spatially-explicit global data sets with a median year of 2016.

Citation:

Kennedy, C. M., J. R. Oakleaf, D. M. Theobald, S. Baruch-Mordo, and J. Kiesecker. 2020. Global Human Modification of Terrestrial Systems. Palisades, New York: NASA Socioeconomic Data and Applications Center (SEDAC). <https://doi.org/10.7927/edbc-3z60>. Accessed 26 April 2022.

Kennedy, C. M., J. R. Oakleaf, D. M. Theobald, S. Baruch-Mordo and J. Kiesecker. 2019. Managing the Middle: A Shift in Conservation Priorities Based on the Global Human Modification Gradient. *Global Change Biology* 25(3): 811- 826. <https://doi.org/10.1111/gcb.14549>.

Layers:

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Year/s:
2016

Format:
.tif

Resolution:
1 km

Units:
Numeric

Source Link:

<https://sedac.ciesin.columbia.edu/data/set/lulc-human-modification-terrestrial-systems>

