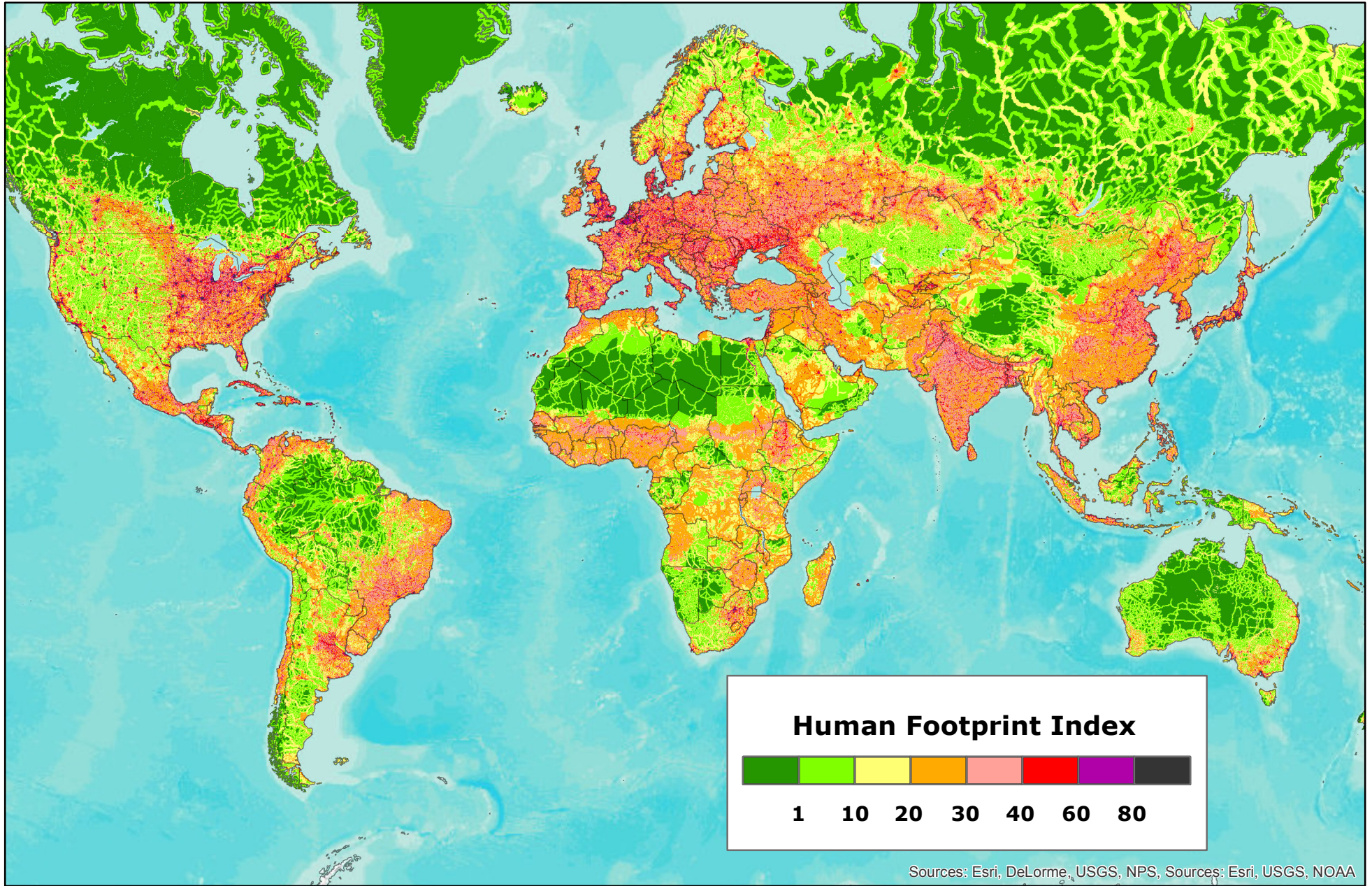


Human Footprint Index



Data Source:

WCS, CIESIN, 2005. Last of the Wild Project, version 2, 2005 (LPW-2): Global Human Footprint Dataset (Geographic). Palisades, NY: NASA Socioeconomic Data and Application Center (SEDAC).

Citation Information

Title Global Human Footprint

Dataset Identification

Summary

Global Human Footprint, version 2 (LWPv2), provide an updated map of anthropogenic impacts on the environment. The dataset is produced by the Wildlife Conservation Society (WCS) and CIESIN.

Description

The Global Human Footprint dataset of the Last of the Wild Project, version 2, 2005 (LWPv2) is the Human Influence Index (HII) normalized by biome and realm. The HII is a global dataset of 1 km grid cells, created from nine global data layers covering human population pressure (population density), human land use and infrastructure (built-up areas, nighttime lights, land use/land cover) and human access (coastlines, roads, navigable rivers).

The Human Footprint Index (HF) map, expresses as a percentage the relative human influence in each terrestrial biome. HF values from 0 to 100. A value of zero represents the least influence – the “most wild” part of the biome with value of 100 representing the most influenced (least wild) part of the biome.

Keywords

Human Settlements, Human Footprint, Human Population pressure

Geographic Extent

West -180.000000 **East** 179.999856
North 89.897623 **South** -65.235648

Access and Usage

Credits

Wild Conservation Society – WCS
Center for International Earth Science Information Network (CIESIN) – Columbia University
NASA Socioeconomic Data and Application Center (SEDAC)

Use limitations

Users are prohibited from any commercial, non-free resale, or redistribution without explicit written permission from WCS or CIESIN.

Use of this data set requires proper citation:

WCS, CIESIN, 2005. Last of the Wild Project, version 2, 2005 (LPW-2): Global Human Footprint Dataset (Geographic). Palisades, NY: NASA Socioeconomic Data and Application Center (SEDAC). <http://sedac.ciesin.columbia.edu/data/set/wildareas-v2-human-footprint-geographic>. Accessed DAY MONTH YEAR.

Contact Information

Direct questions by email to CIESIN (ciesin.info@ciesin.columbia.edu)

Or visit <http://sedac.ciesin.columbia.edu/data/set/wildareas-v2-human-footprint-geographic>

Coordinate System

Type: Geographic
Coordinate Reference: GCS_Clarke_1866
Well-Know Text
GEOGCS ["GCS_Clarke_1866".
DATUM ["D_Clarke_1866",
SPHEROID ["Clarke_1866",

6378206.4, 294.9786982]],
PRIMEM ["Greenwich", 0.0],
UNIT ["Degree", 0.0174532925199433],
AUTHORITY ["EPSG", 4008]]
Reference System Identifier
Value 4008

Spatial Reference

GEORECTIFIED GRID
NUMBER OF DIMENSIONS 2
AXIS DIMENSIONS PROPERTIES
DIMENSION TYPE column (x-axis)
DIMENSION SIZE 43200
RESOLUTION 0.008333 Degree
AXIS DIMENSIONS PROPERTIES
DIMENSION TYPE row (y-axis)
DIMENSION SIZE 18616
RESOLUTION 0.008333 Degree
NO DATA VALUE 255
DATA TYPE unsigned integer
CELL GEOMETRY area

IMAGE DESCRIPTION
TYPE OF INFORMATION physical measurement
BAND INFORMATION
DESCRIPTION hf_v2geo
MAXIMUM VALUE 100.000000
MINIMUM VALUE 0.000000
NUMBER OF BITS PER VALUE 8

Distribution

Name Raster Dataset

Available Dataset

[Global Human Footprint](#)