

DATA & APPLICATIONS ONLINE

Conservation

Overview

The NASA Socioeconomic Data and Applications Center (SEDAC) offers a variety of data sets on biodiversity conservation and protected areas. Data and maps are available for download at sedac.ciesin.columbia.edu/theme/conservation.

Selected Data

Global Human Modification of Terrestrial Systems is a cumulative measure of terrestrial land at a 1 km resolution, using spatially-explicit global data sets with a median year of 2016.

Last of the Wild contains updated Global Human Footprint data sets for 1993 and 2009, using more recent inputs and methodology to measure cumulative human pressure on the environment.

The Development Threat Index maps global threats by sector, including potential agricultural expansion.

Global Development Potential Indices ranks global land suitability for 13 sectors of renewable energy, fossil fuels, mining, and agriculture, to aid in conservation priority setting.

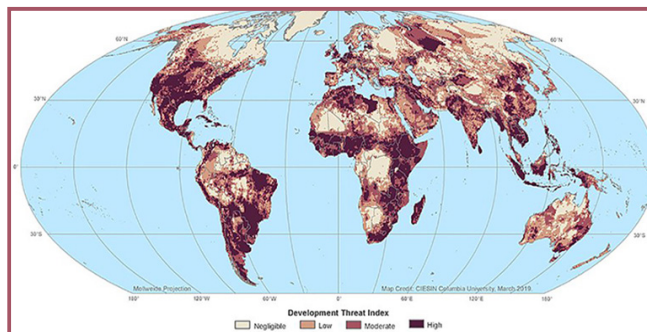
Global Roads Open Access combines the best available roads data 1980–2010 by country into a global roads coverage, using the UN Spatial Data Infrastructure Transport v2 as a common data model.

Species Grids are gridded downloadable data depicting global amphibian and mammal distribution.

Global Mangroves Forests Distribution is a database describing the extent of mangrove forests for the year 2000, at 30 m spatial resolution.

The Environmental Performance Index (EPI) biennially assesses country performance of environmental goals. The 2020 EPI uses 32 performance indicators across 11 issue categories, including biodiversity and habitat, to compare 180 countries.

The Natural Resource Protection and Child Health Indicators supports the annual country selection process conducted by the Millennium Challenge Corporation to determine foreign aid.



Anthropogenic Biomes of the World describes human-caused changes to the terrestrial biosphere, including agriculture and urbanization, circa 1900. Part of a time series for 1700, 1800, 1900, and 2000.

Mapping Resources

The **SEDAC Map Viewer** enables visualization of all SEDAC data set map layers, organized by approximately 15 interdisciplinary topics, with an innovative four-window map view option. Also perform simple to advanced visualizations and analysis via **SEDAC Map Services**.



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EOSDIS DAACs
SEDAC is one of twelve NASA Earth Observing System Data and Information System (EOSDIS) Distributed Active Archive Centers (DAACs)