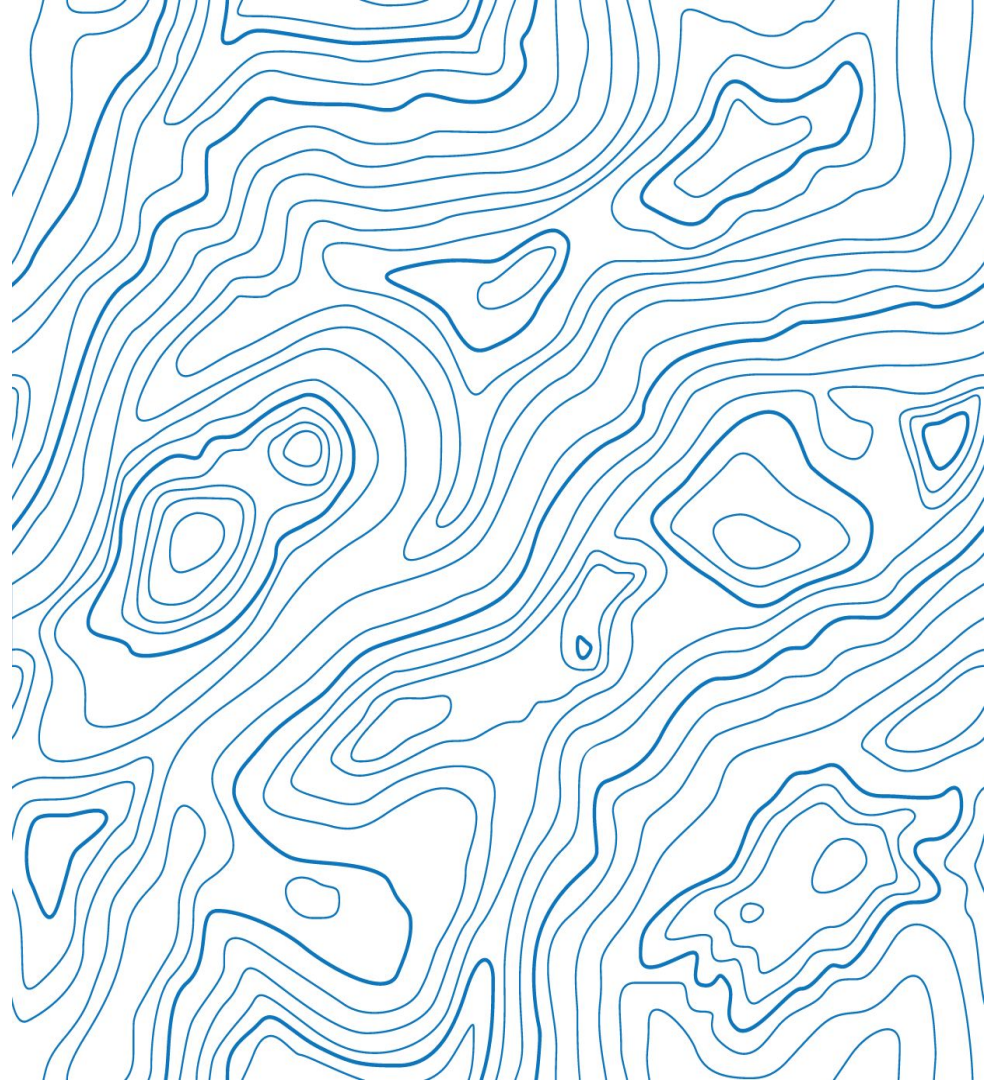




Timely Data for Sustainable Development

Maryam Rabiee, Head of SDGs Today
UN Sustainable Development Solutions Network

A program of

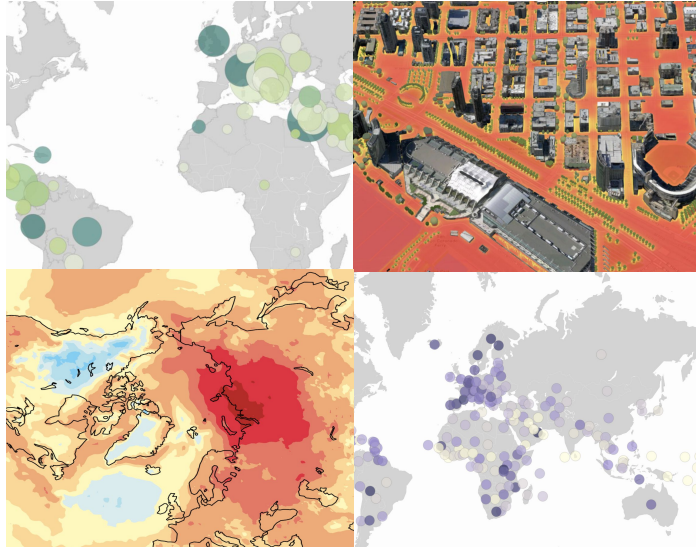


Sustainable Development Solutions Network (SDSN)



SDSN was launched under the auspices of the UN Secretary-General in 2012. SDSN promotes integrated approaches to implement the Sustainable Development Goals (SDGs) and the Paris Agreement on Climate Change, through education, research, policy analysis, and global cooperation.

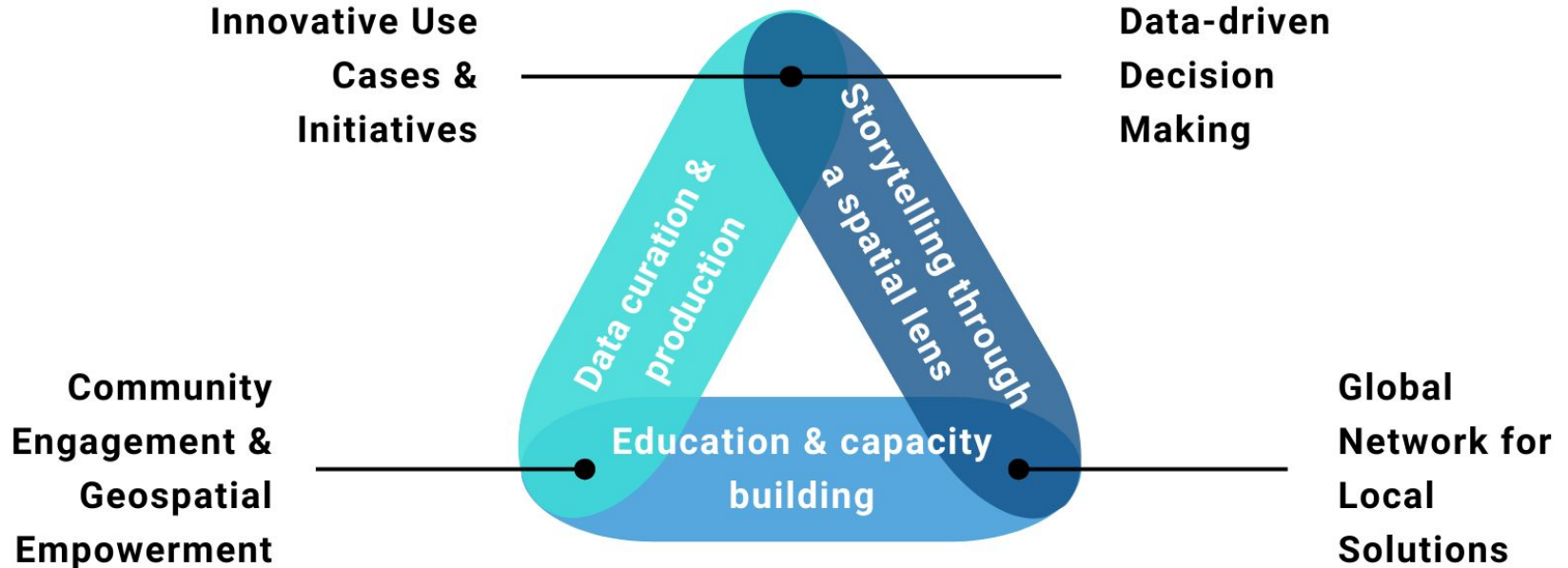
SDSN SDGs Today



SDGs Today is **the geospatial program of the UN Sustainable Development Solutions Network** (directed by Dr. Jeffrey Sachs) launched in July 2020 in partnership with Esri and the National Geographic Society

Our goal is to advance the production and use of timely geospatial data for the SDGs and to **train** the next generation of leaders in sustainable development in GIS

Core Priorities



Supporting SDG stakeholders through non-traditional data

The SDGs Today team curates and produces data products packaged in interactive and accessible formats for policymakers, researchers, students, journalists, etc.

40+ notable partnerships providing near real-time and timely datasets • Featured in global data campaigns, policy reports, etc.

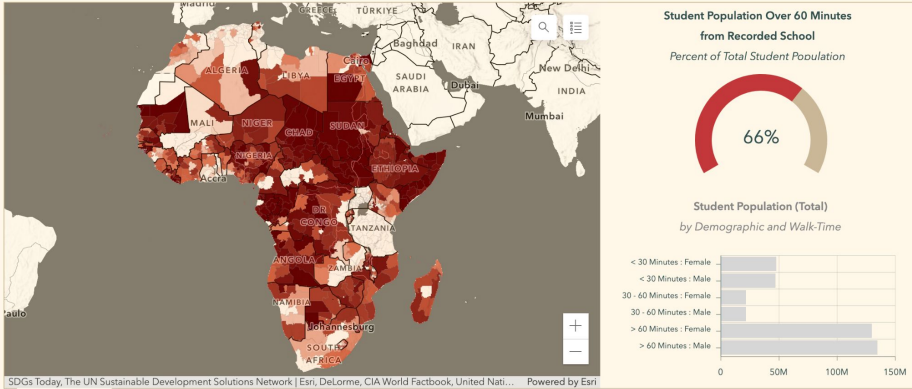
sdgstoday.org/dataset-hub



My School Today

School Aged Population by Travel Time from OpenStreetMap Recorded Schools, Africa

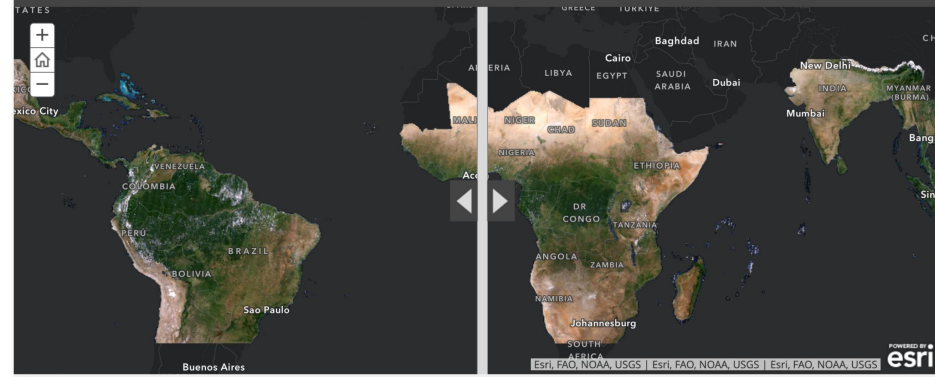
Select a Country Below:
Africa (Continent)



Walking Time School Locations (OSM) Credits

Tropics Imagery

High-resolution (~5m per pixel) optical satellite imagery of the tropics. Swipe between March 2023 (left) and April 2023 (right).



Deforestation

Updates every 8 days

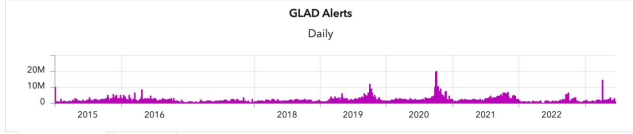
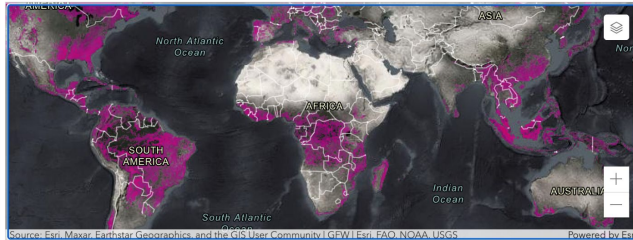
Date:

June 12, 2023

GLAD Alerts
833.3k
+11.3k from previous date

Area of Deforestation
10.2k ha
+663.8 from previous date

Carbon Loss
2.5M Mg
+374k from previous date



Last updated: 06/17/2023, 08:05:23 UTC

GLAD Alerts Credits

SDG Indicator 7.1.1: Access to Electricity

Select a country to select administrative level 2

Select a country

None

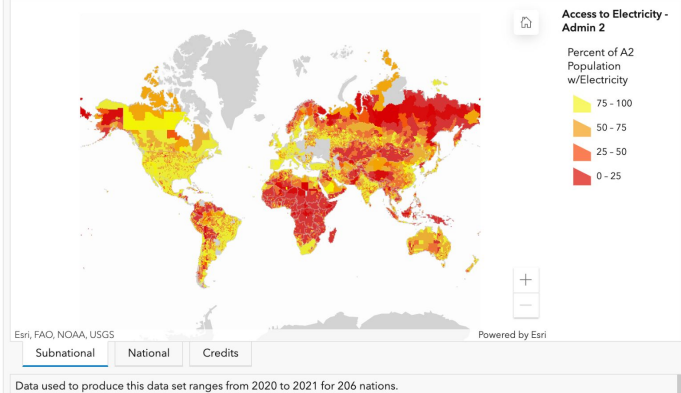
Select admin 2

None

Population with access to electricity

5.7 billion people

67.6%



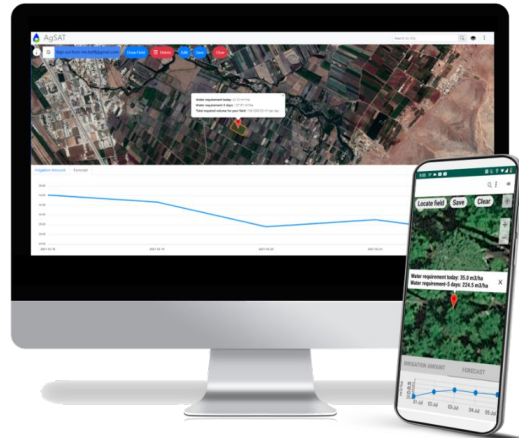
Storytelling through a spatial lens

SDGs Today collaborates closely with our partners to bring visibility to data sources and innovative projects through storytelling and drive action towards the SDGs sdgstoday.org/storytelling

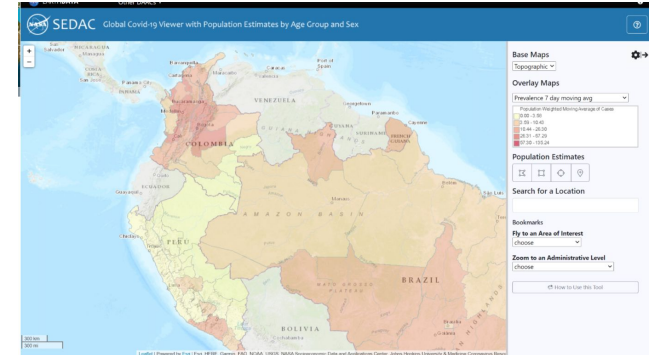


LEAVE NO ONE BEHIND

VNR/VLR Template to support data-driven SDG reporting



Collection of Innovative SDG Solutions & Technologies

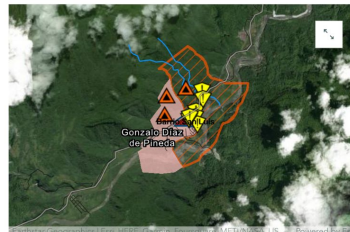


Repository of Use Cases & Research from various sectors

ChatGPT for the SDGs?

Building a Tool to track Crop Water Stress using ChatGPT

Pavel Bordioug, CarbonTerra VP of Tech, SDGs Today, and ChatGPT



Comunidad Barrio San Luis, zona alta de la cuenca. Abril 2022

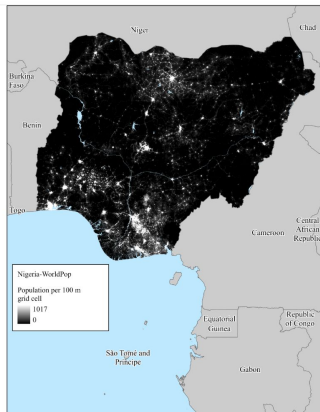
- Un total de 35 familias que vivían en San Luis antes del proceso de erosión regresiva. Luego de la desaparición de la cascada se estima que estarían alrededor de 57 familias. Su trabajo era esencialmente en actividades turísticas en torno de la cascada.
- Afectaciones: pérdida de conectividad por caída de vía, pérdida de terrenos por erosión, ruptura de oleoducto y derrame de petróleo.

Comunidad Amarunmesa



Population Distribution

WorldPop is an innovative organization focused on developing and supporting the dissemination of demographic spatial data sets. Country-level rasters from WorldPop's Unconstrained Individual Countries 2020 UN Adjusted (100 m resolution) data set were used to estimate SDG indicator 9.1.1. These raster data sets produced by WorldPop use a modeling approach called Random Forest-based dasymetric redistribution, in order to map population distribution in 100 m pixels for each country.



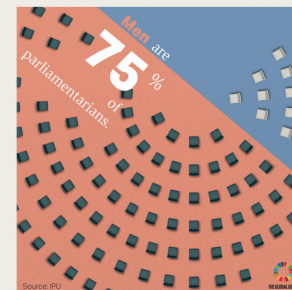
Healthy planet



[Learn more](#)

[TAKE ACTION](#)

Gender



[Learn more](#)

[TAKE ACTION](#)

Educational Program and Activities

- Annual [Summer GIS Program](#) for middle & high school students: combining the SDGs with GIS and digital storytelling
- [Integrating GIS for SDG Research](#): providing training and capacity building workshops to academics and other SDG stakeholders to support the integration of geospatial information and visualization into SDG-related research projects
- ["GIS for the SDGs" Lesson Series](#): Developed video lessons that address frequently asked questions received from those getting started with ArcGIS Online

<https://sdgstoday.org/projects>

Partners

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