7th Session of the United Nations Committee of Experts on GGIM
2030 Agenda for Sustainable Development

Where is the Data?

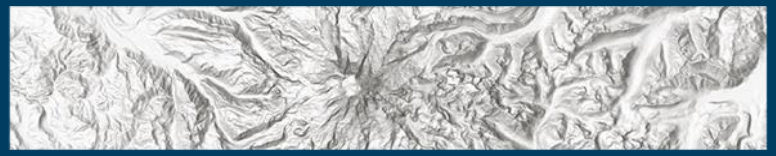
Carmelle J. Terborgh, Ph.D.

Nonprofit and Global Organizations

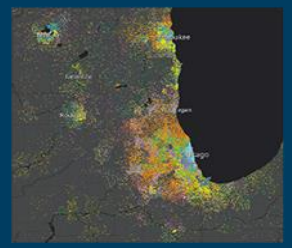
esri THE SCIENCE OF WHERE™

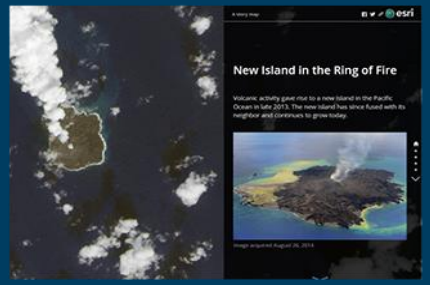
Living Atlas of the World

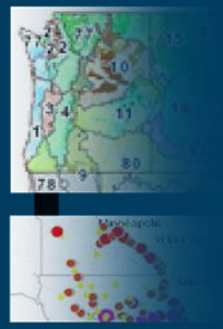
Maps and Layers from Esri and Thousands of Contributors



The Collection is growing and changing on a daily basis…





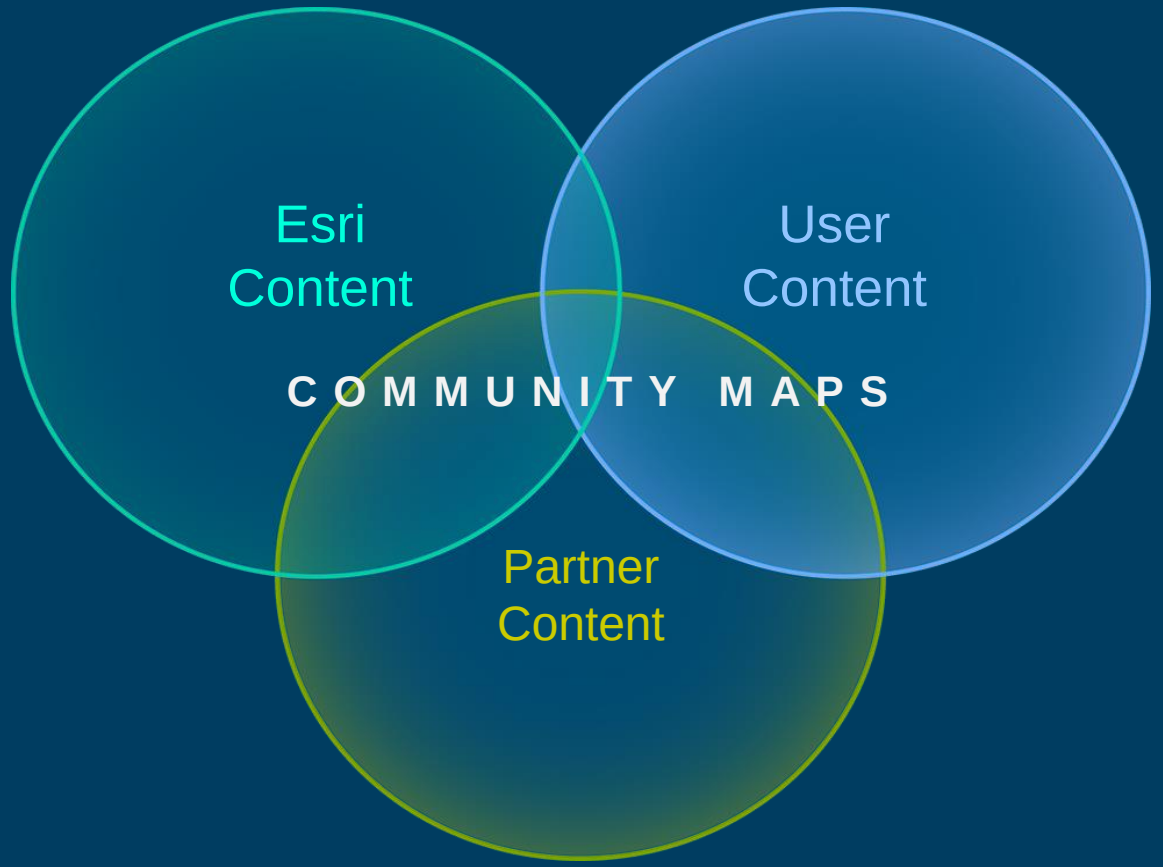


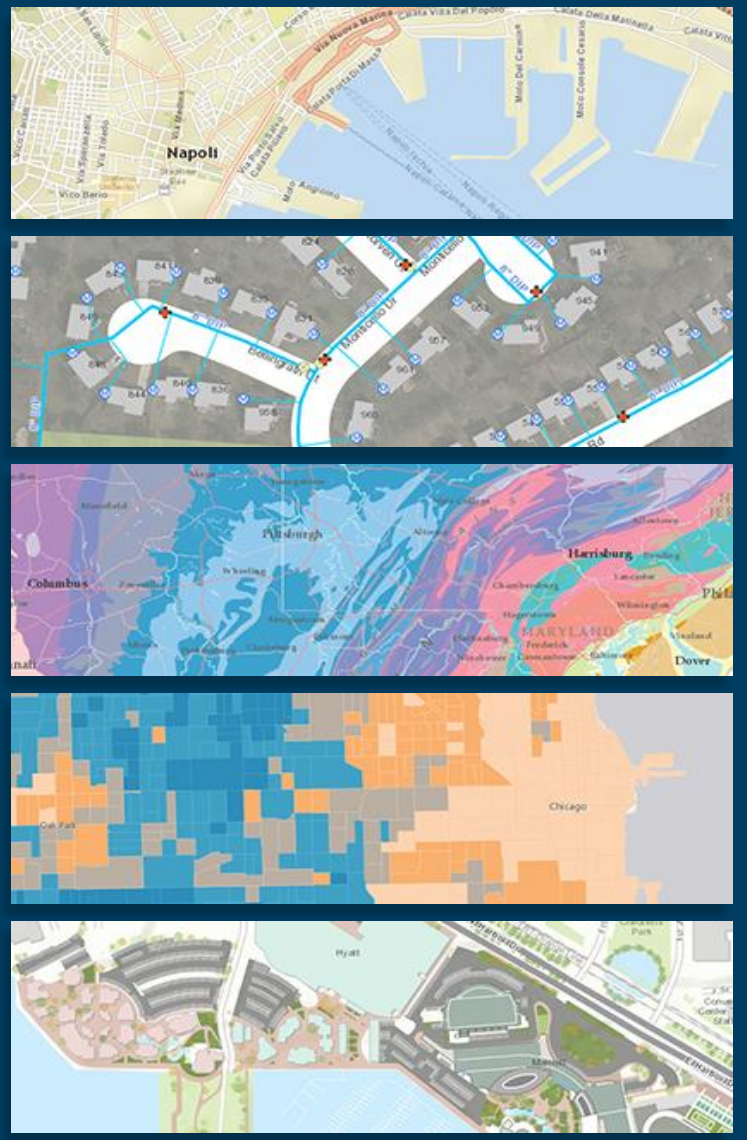
Transportation
Weather
Historical
Landscape
Habitats
Urban Systems
Basemaps
Elevation
Boundaries
Soils
Land Cover
Hazards
Oceans
Imagery
Hydro
Observations
Demographics

… with Curated Content on Many Topics

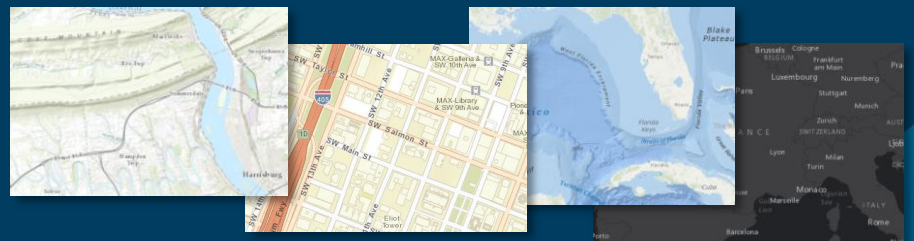
Living Atlas Content is Published by Esri, Users, and Partners

Built by the ArcGIS Community and Curated by Esri

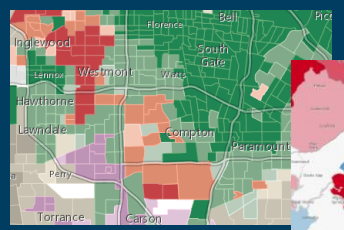


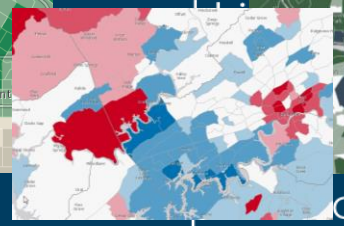


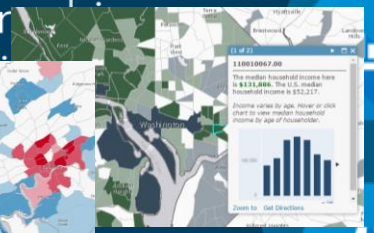
Esri Content



Demogr

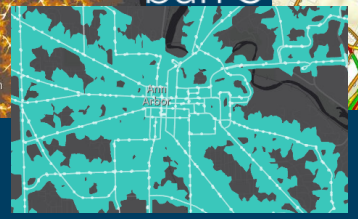


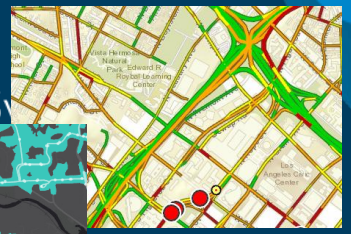




Behaviors

on Income

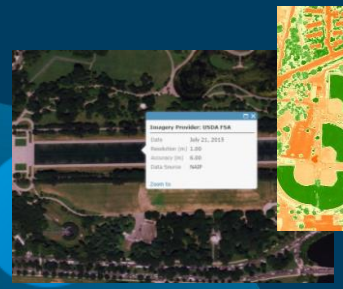




ban Sy

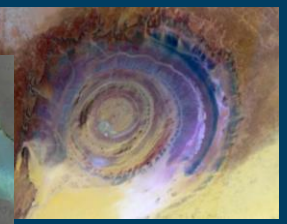
Access

Traffic



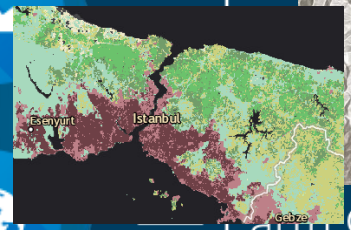
NAIP (NDVI)

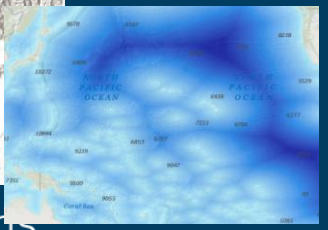
MODIS



Landsat 8

Land Cover

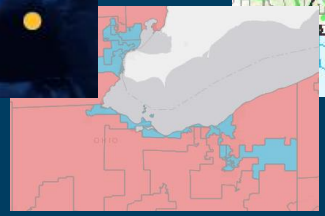




Oceans

Elevation

Earth Observations



Earthquakes

Boundaries

Warnings

Living Atlas of the World

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TILE LAYER

World Transportation

TILE LAYER

World Imagery

TILE LAYER

World Street Map

TILE LAYER

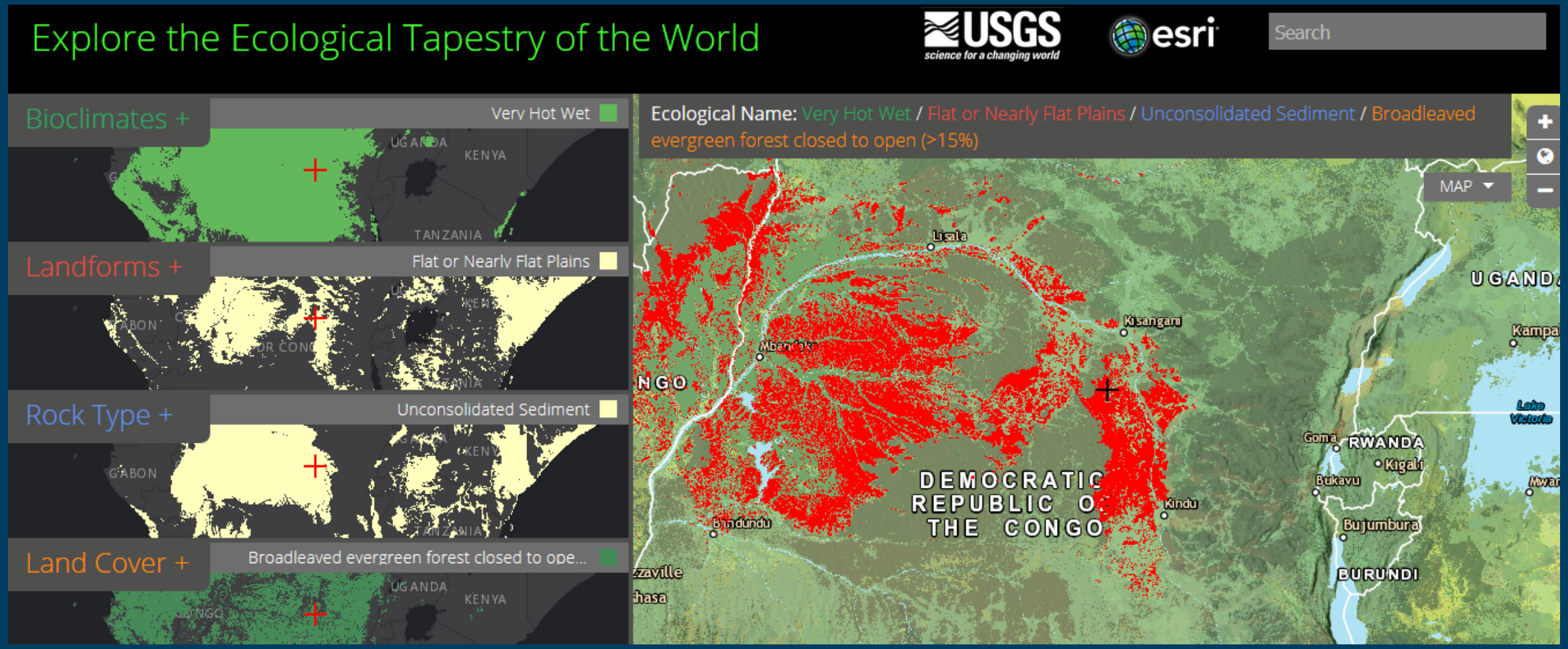
World Boundaries and Places

TILE LAYER

World Topographic Map

livingatlas.arcgis.com

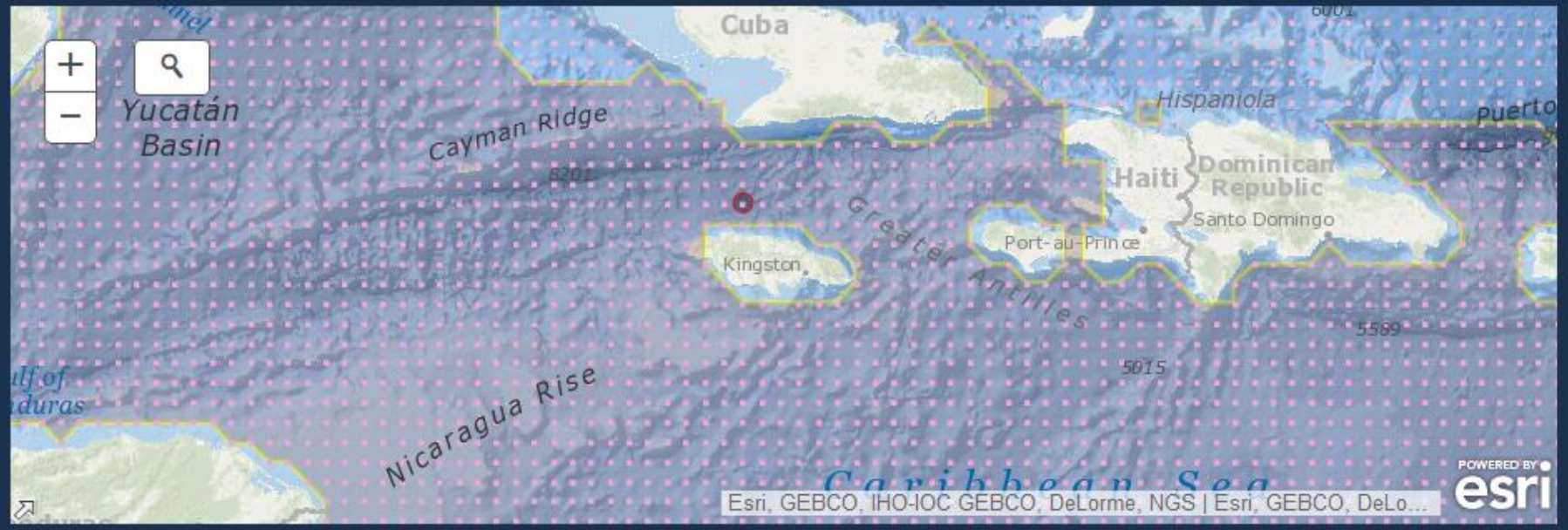
Global Ecological Land Units – partnership of AAG, USGS and Esri

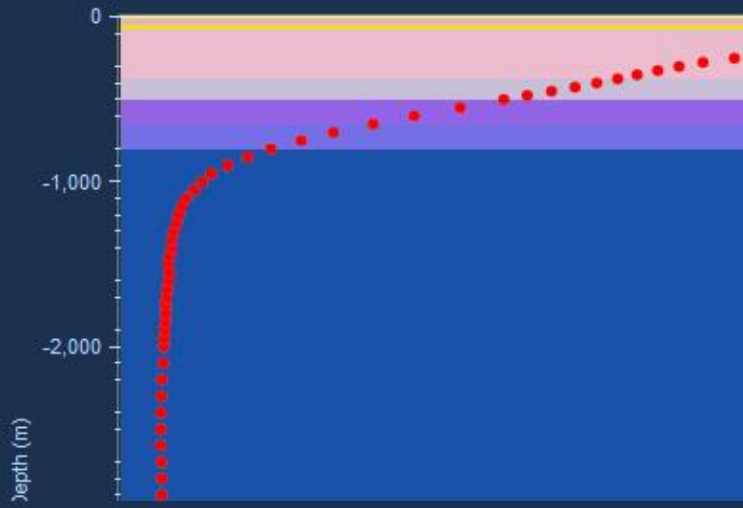


ecoexplorer.arcgis.com/eco

Ecological Marine Units – partnership of USGS, GEO, and Esri

Ecological Marine Unit Explorer





EMU: **24**
Volume: **0.85%**

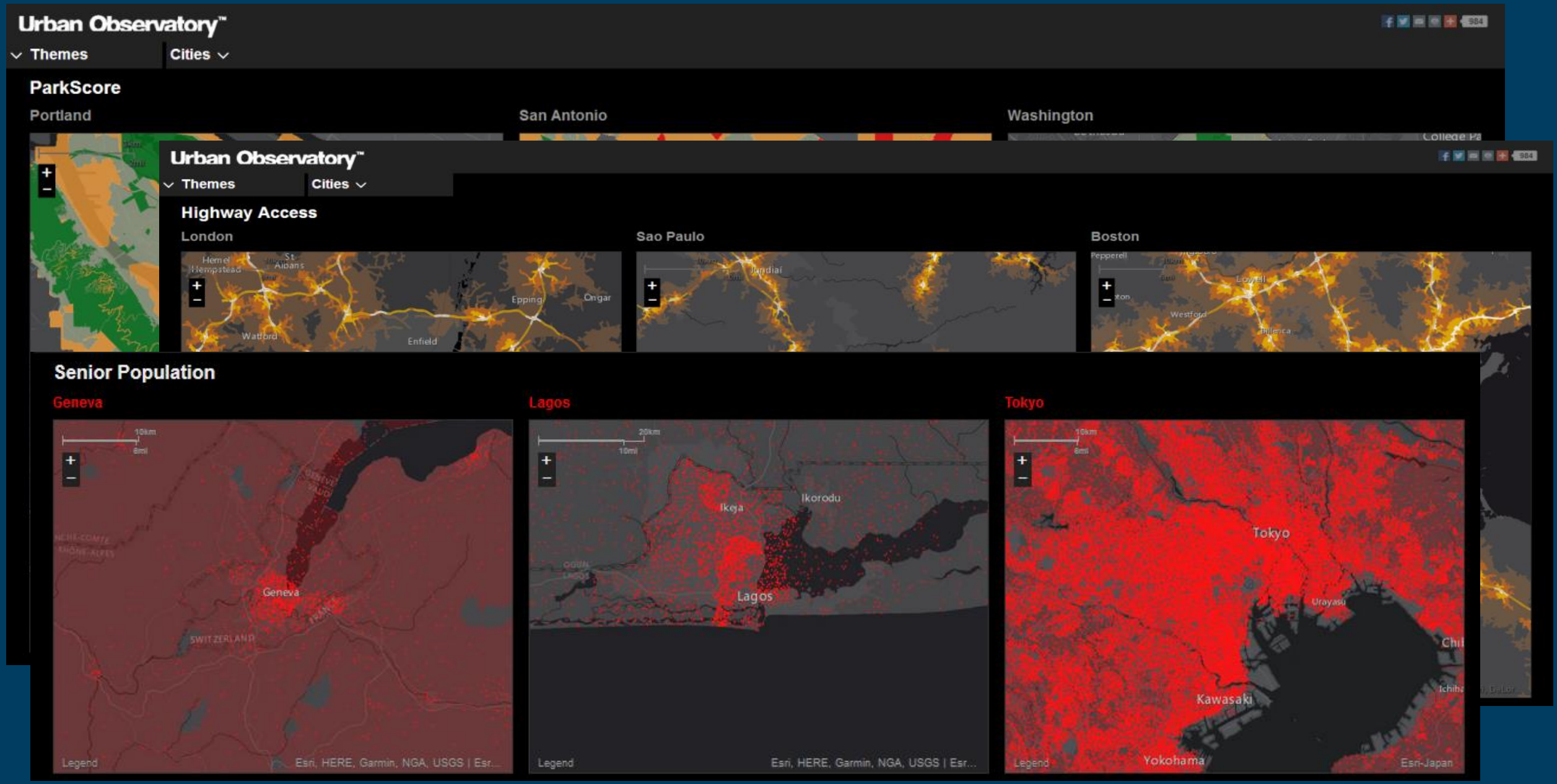
Shallow, Warm, Normal Salinity, Moderate Oxygen, Low Nitrate, Low Phosphate, Low Silicate

	Temperature	Salinity	Dissolved O_2	Nitrate	Phosphate	Silicate	Thickness	Depth
Minimum	18.78	34.73	1.76	0.00	0.01	0.25		
Maximum	29.54	36.26	5.51	15.01	1.40	17.58		

EMU	Depth (m)	Thickness (m)
24	0	60
21	-60	315
11	-375	125
26	-500	150
10	-650	150
36	-800	4600

livingatlas.arcgis.com/emu

Understanding Precedes Action



urbanobservatory.org

Every community has aspirations for the what they want to become

A Safe City
With a Focus on Public Safety

A Well Run City
through Government Efficiency

A Livable
and Sustainable City

A Tech Community
and Developer Resources

A Prosperous City
with Economic Development

Those aspirations get translated into actionable, real-world initiatives

Implement Performance Management

Reduce Traffic Congestion

Create More Affordable Housing

Reduce Homelessness

Reduce Air Pollution

Increase Recreation Opportunities

Improve Water Conservation

Increase Access to Healthcare

Create Job Availability

Improve Emergency Response Times

Use Less Energy

Encourage Startups

Improve Earthquake Preparedness

Connecting Everyone – Leave No One Behind

Supporting Real-Time Awareness and Collaboration

Communities

Organizations

People

…Open Data Policy in Practice

A Collaborative System for Sustainable Development

Connecting Individuals and Organizations to a Network of Organizations

Individuals

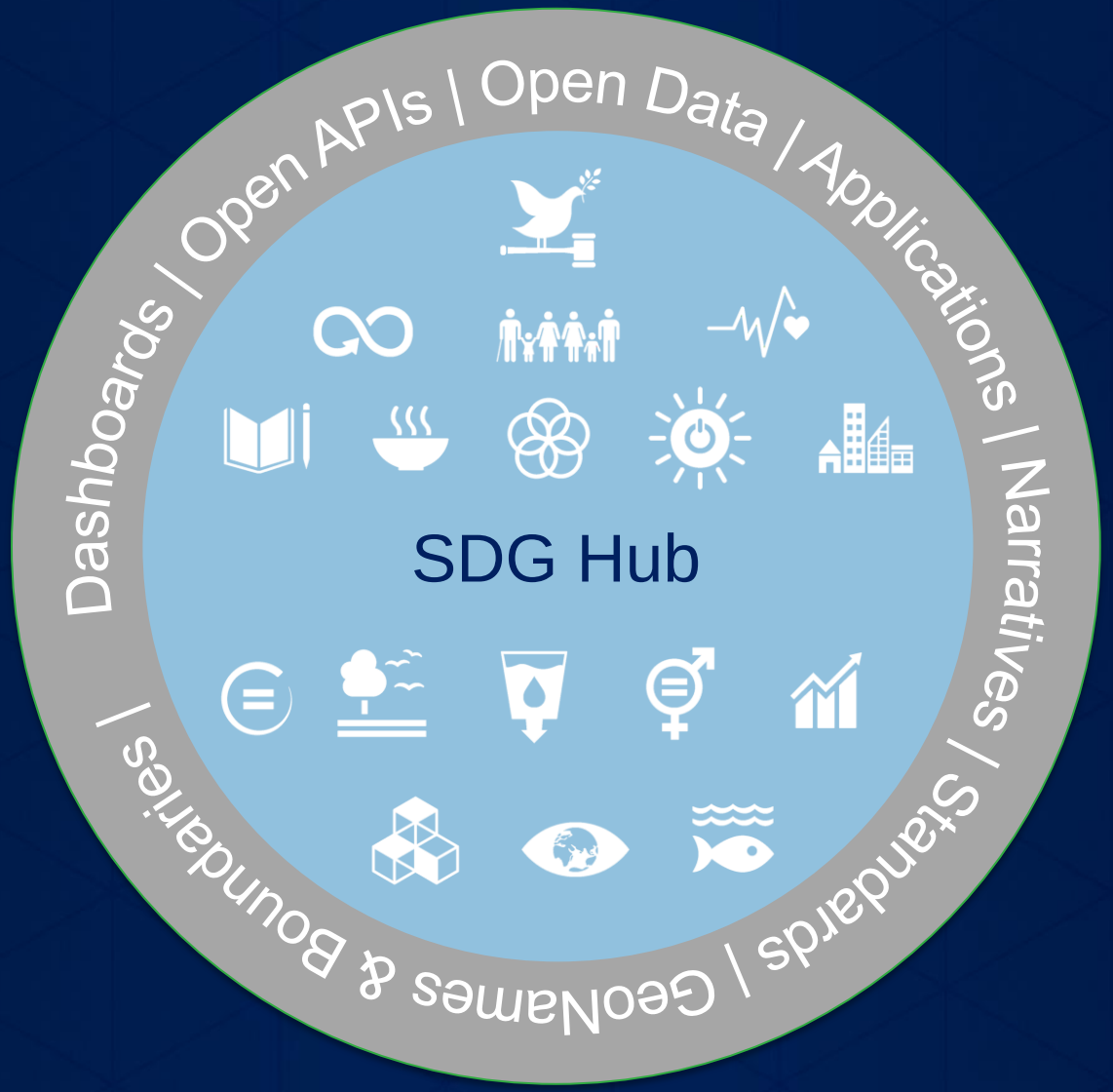
Organizations

Networks of Organizations

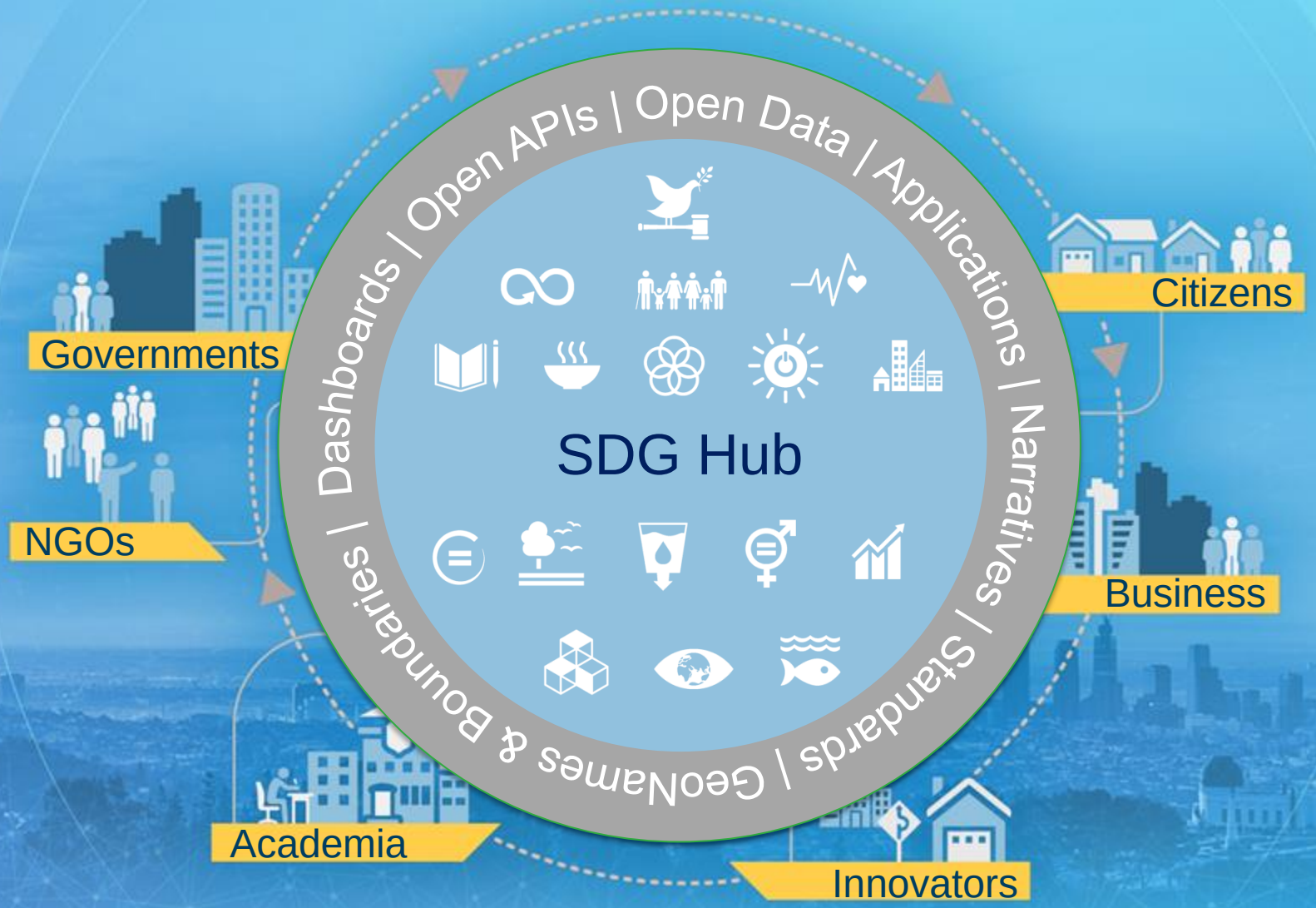
ArcGIS Hub – an engagement platform for the SDGs

hub.arcgis.com

SDG Hub


Dashboards | Open APIs | Open Data | Applications | Narratives | Standards | GeoNames & Boundaries |
SDG Hub

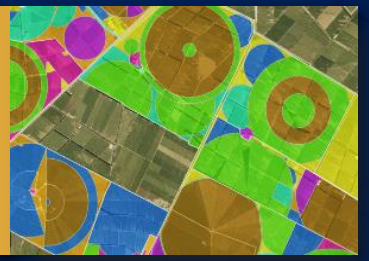
SDG Hub


Dashboards | Open APIs | Open Data | Applications | Narratives | Standards | GeoNames & Boundaries |
SDG Hub
Governments
NGOs
Academia
Innovators
Business
Citizens

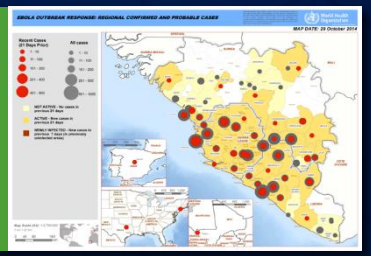
SDG Goals, Targets and Data Indicators

1 NO POVERTY

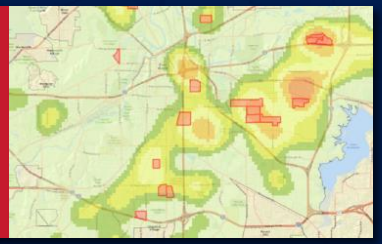
2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING

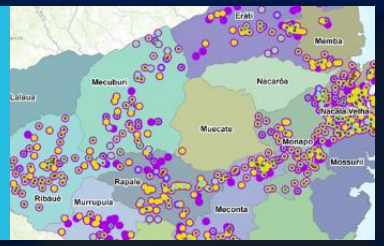


4 QUALITY EDUCATION



5 GENDER EQUALITY

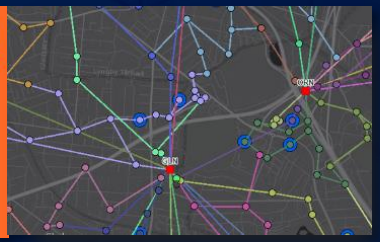
6 CLEAN WATER AND SANITATION



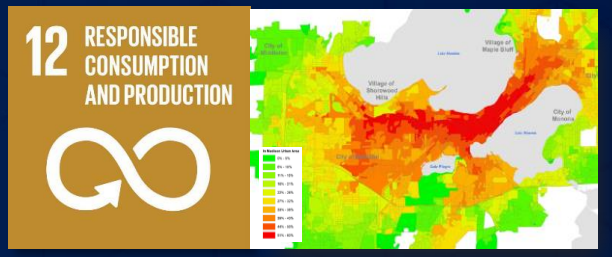
7 AFFORDABLE AND CLEAN ENERGY

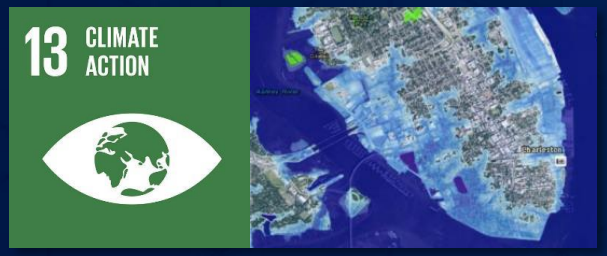
8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

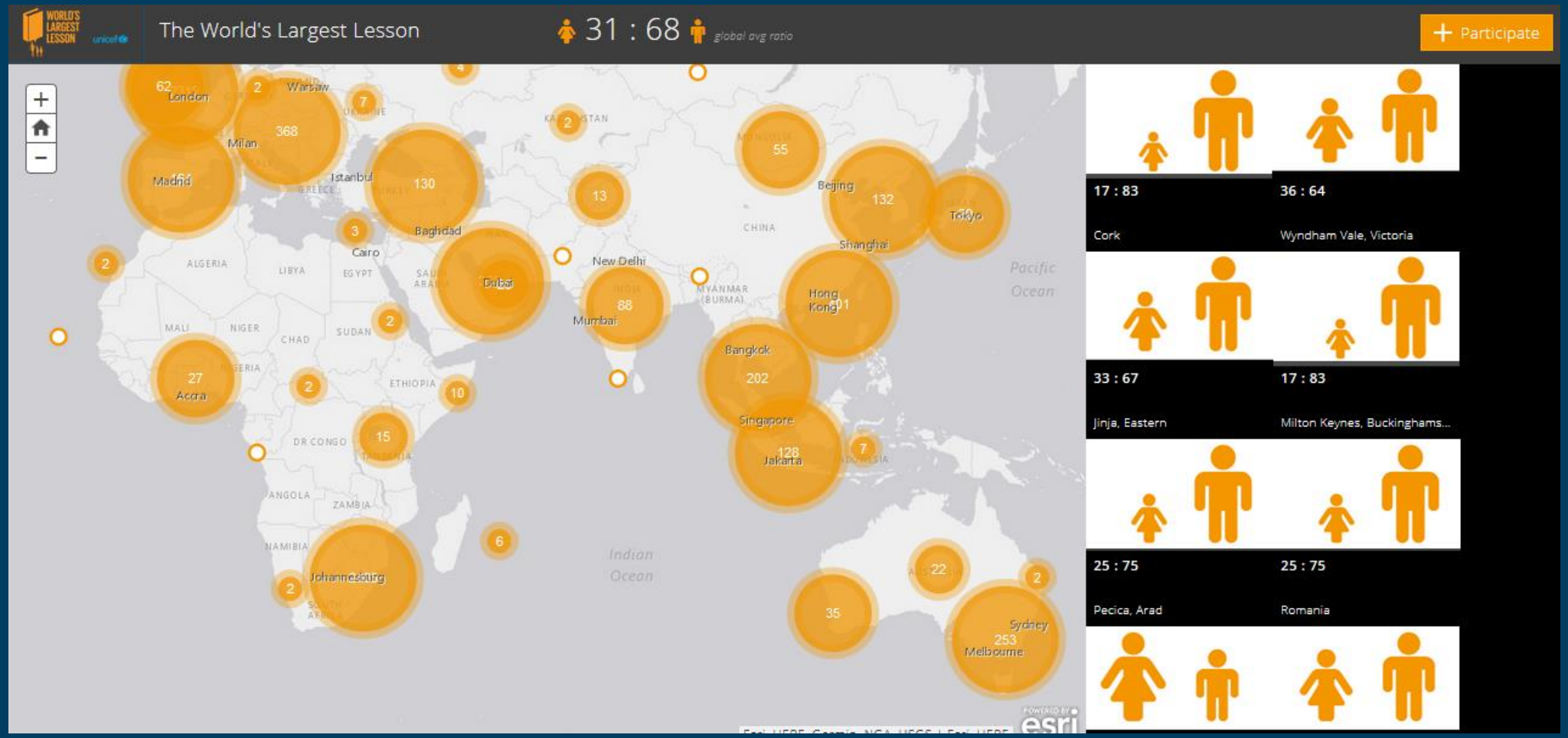


SDG Goals, Targets and Data Indicators



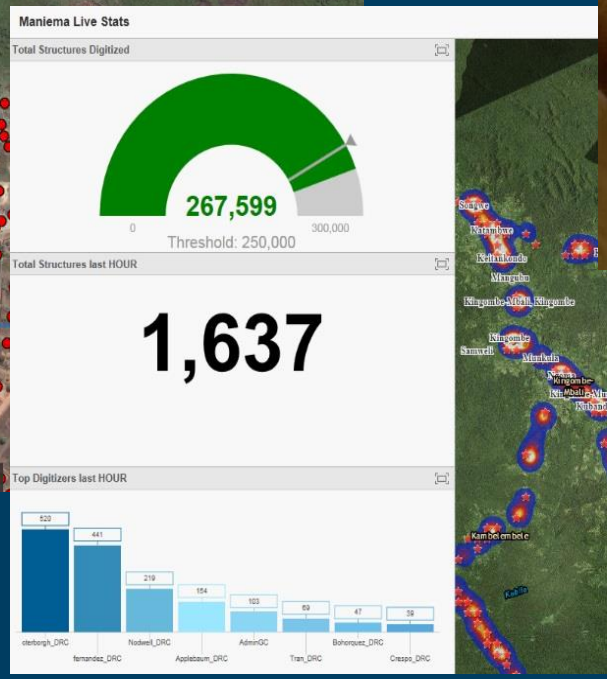


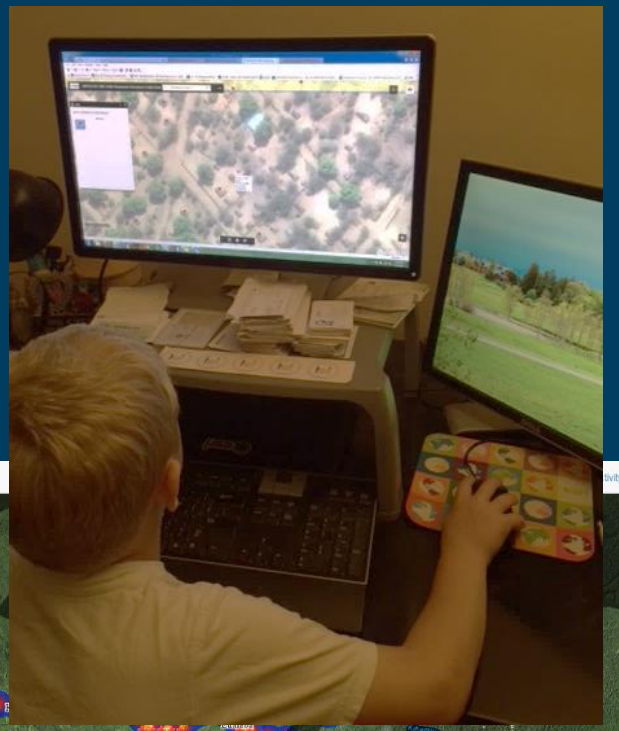
World's Largest Lesson – Project Everyone, UNICEF, UNESCO and Esri
SDG 5: Gender Equality #FromWhereIStand map

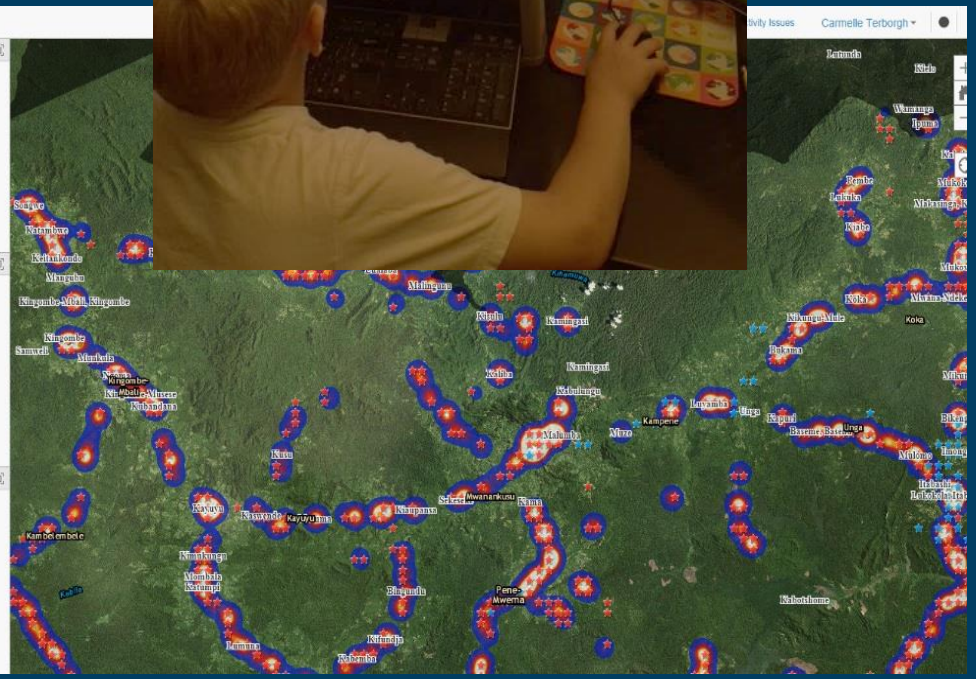


worldslargestlesson.globalgoals.org

Does the Data exist to Achieve your Goal(s)?







What is your Goal?

Thank you!

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