GEO Blue Planet 5th Symposium

Local action in support of global traction

24 - 28 Oct 2022 | Accra, Ghana

5th Symposium | Accra, Ghana | 24 – 28 October 2022

BLUE PLANET

Creating maps and apps using the ArcGIS Living Atlas

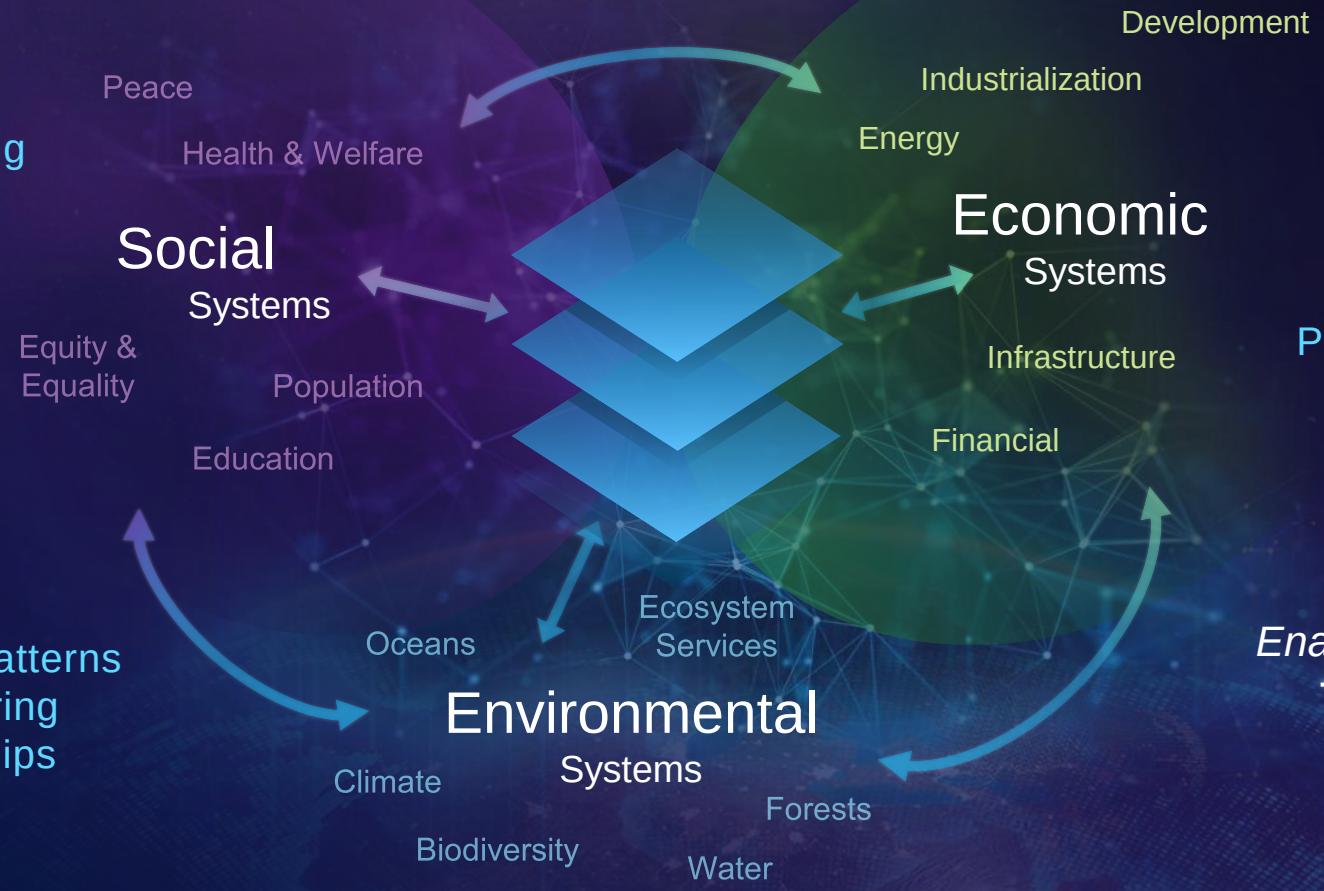
Pauline, Solution Engineer - Esri

Sustainability Requires . . .

We See the World as One Single Ecosystem

Geography Provides the Science & Language to Do This

Organizing & Integrating
All the Factors



Providing a Framework for
Understanding and Applying
Our Knowledge

Illuminating Patterns
& Discovering
Relationships

Enabling
The Geographic
Approach

The Geographic Approach

A Way of Thinking and Problem Solving
That Integrates Geographic Science & Information
Into How We Understand and Manage Our Planet

Science Based

Integrated

Holistic

Supporting
Multi-Objective
Solutions

Spatial
Understanding

Collaborative

. . . An Inclusive and Multi-Disciplinary Process
Impacting Every Sector of Society

GeoScience
and Understanding

The Geographic Approach

Enables Us to…

Regulatory

Promote equitable access to the natural environment

Management

Protect, restore and manage our natural resources

Collaboration

Improve quality of life through collaboration in protection of our resources

Understand

Current Landscape

Mapping & Visualization

Data Management

Field Mobility

Monitoring

Analytics

Plan

A Sustainable Future

Design & Planning

Decision Support

Constituent Engagement

Sharing & Collaboration

Act

Collaborate and Engage

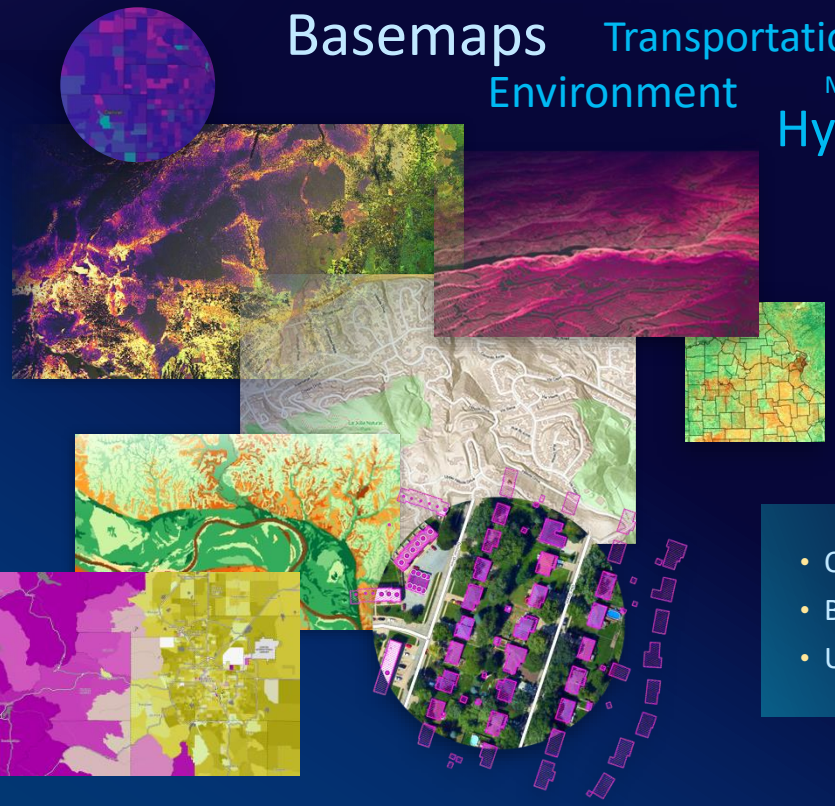
Constituent Engagement

Sharing & Collaboration

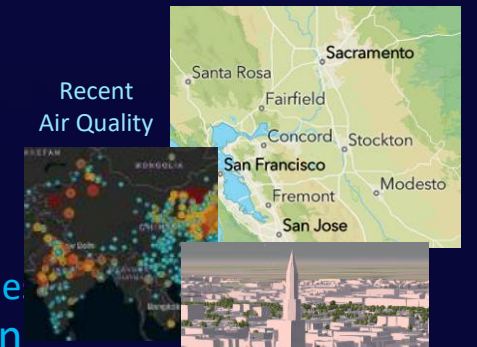
ArcGIS includes a Living Atlas of the World

Curated Collection of Ready-to-Use Maps, Layers, and Apps

Land Cover
Habitats
Demographics
Basemaps
Transportation
Landscape
Environment
Movement
Infrastructure
Hydro
Traffic
Business
Imagery
Boundaries
Biodiversity
Elevation
POI
Oceans
Hazards
Weather
Soils



Recent
Air Quality



OpenStreetMap
2D and 3D Layers

Real time feeds

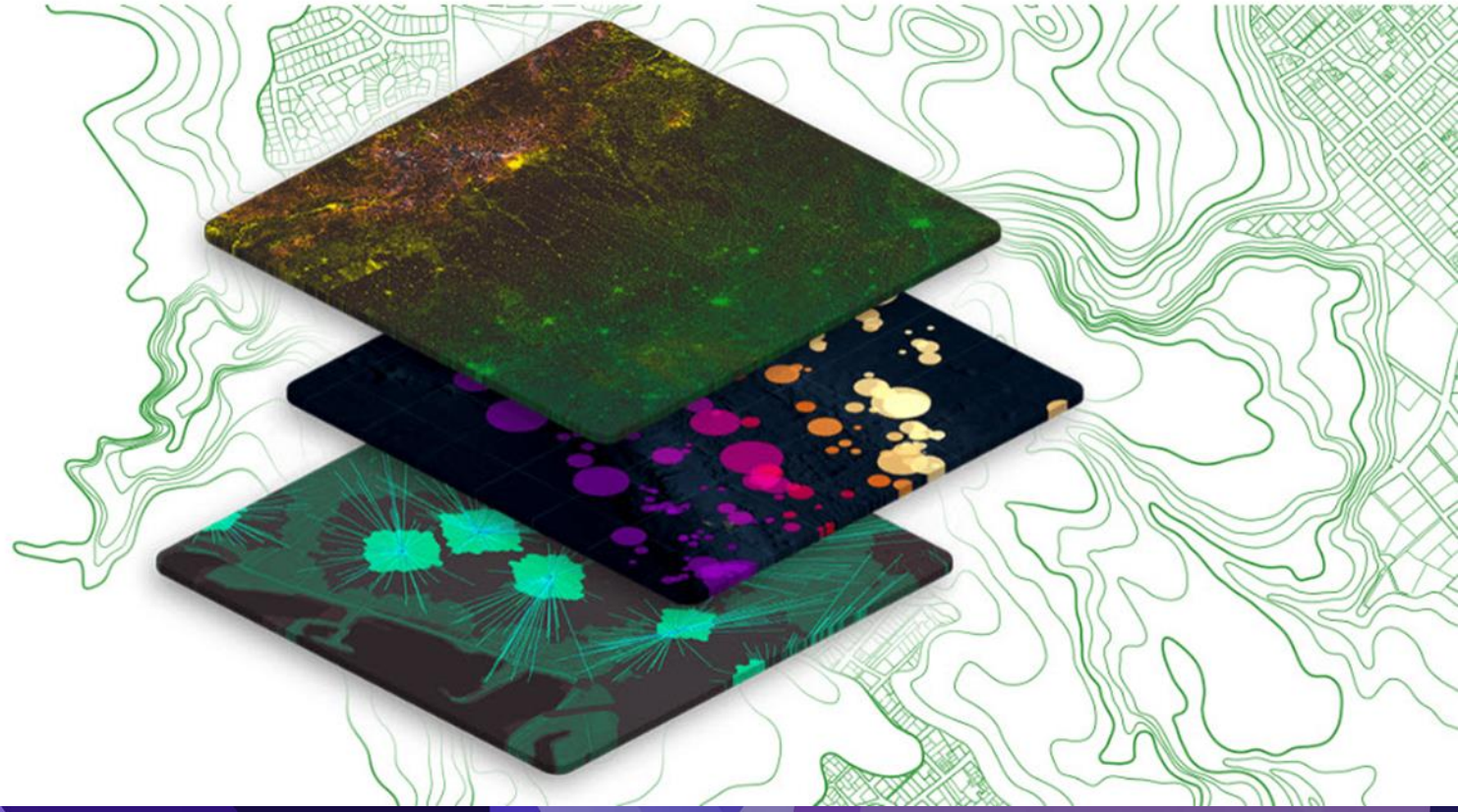
- Over 10,000 High-Quality Items
- Billions of Maps Served Daily
- Updated Continuously

Built from Best Available Commercial and Community Sources

ArcGIS Living Atlas of the World

The world's foremost collection of geospatial information

Explore Living Atlas →



Layers

Web Maps

Scenes

Apps & Stories

Tools

Resources

1. Esri Ocean Science
   - Page: https://www.esri.com/en-us/about/science/initiatives/ocean-science
   - Resources: https://www.esri.com/en-us/about/science/resources#ocean
   - Hub: https://oceans-esrioceans.hub.arcgis.com/
2. ArcGIS Living Atlas of the world
   - Content: https://livingatlas.arcgis.com/en/browse/#d=2&categories=Environment%3A0100000000
   - Ecological Marine Unit explorer: https://livingatlas.arcgis.com/emu
   - Indicators of the planet: https://experience.arcgis.com/experience/003f05cc447b46dc8818640c38b69b83
3. ArcGIS StoryMaps on Oceans: https://www.esri.com/en-us/arcgis/products/arcgis-storymaps/contest/gallery/2021-winners
4. Create an account to visualize and analyze marine data then create apps:
   - GeoPortal accounts: Africa GeoPortal > https://www.africageoportal.com/ Caribbean GeoPortal > https://www.caribbeangeoportal.com/
   - Public account: https://doc.arcgis.com/en/arcgis-online/get-started/create-account.htm
   - Developer account: https://developers.arcgis.com/sign-up/

GEO BLUE PLANET

Thank You.
Medaase.
Oyiwaladon.