Living Atlas of the World: An Introduction

Piyali Kundu, Solutions Engineer
“What data do you have that’s unique to you?”
Do you have the data you need?

Do you have the means/funding to obtain it?

Is your data...

Authoritative?
Current?
Complete?
Documented?

The Living Atlas can be a valuable tool for acquiring primary and secondary datasets...
ArcGIS Living Atlas of the World
Maps and layers from Esri and thousands of contributors

• A collection of actively curated maps, apps/tools, and data layers published by Esri, third party partners, and the user community on many topics.

• Access content in multiple ways for browsing, development, and analysis
  - ArcGIS Online and ArcGIS Enterprise 10.5+
  - Living Atlas of the World website
  - ArcGIS Desktop

Included with an ArcGIS Online subscription
Living Atlas content providers
Trusted sources of content

Esri Content

Partner Content

User Content

COMMUNITY MAPS

7cm nearmap imagery

AccuWeather Severe Weather

NOAA Real-time Weather

EEA Land Cover
Living Atlas content portfolio
Covers a variety of topics and themes

- Basemaps
- Demographics and Lifestyle
- Transportation
- Urban Systems
- Boundaries and Places
- Imagery
- Landscape
- Oceans
- Earth Observations
Living Atlas content
Different levels of content for different users

Data Layers
- Imagery
- Demographics
- Real-time
- 3D
- Etc...

Maps
- Basemaps
- Etc...

Apps/Tools
- Data & imagery browsers
- Etc...
Accessing Living Atlas content
Multiple access points for different workflows

Living Atlas site
- Browse & preview content
- Submit content

ArcGIS Online & ArcGIS Enterprise (10.5+)
- Browse & preview content
- Add layers to your maps/apps
- Analyze data

ArcGIS Desktop
- Browse & preview content
- Add layers to your maps/apps
- Analyze data
Demo: Accessing Living Atlas content
Living Atlas updates
Content and enhancements from 2018

- Earth Systems Monitor app (Link)
- World Imagery Wayback app
- Sentinel-2 Imagery
- Basemaps
  - Localization
  - New styles (Charted Territory)
  - Open Streetmap Vector Tiles
- Vector Tile Style Editor app (Link)
Living Atlas: Earth Systems Monitor

maps.esri.com/jg/EarthSystemsMonitor/
Vector Tile Style Editor

developers.arcgis.com/vector-tile-style-editor/
Contribute to ArcGIS Living Atlas
Minimum requirements for consideration

✓ Well-designed cartography
✓ Reliable and performant
✓ Well-configured popups
✓ Well-defined legend
✓ Well-maintained data
✓ HTTPS enabled in item
✓ Follows best practices for sharing
  ✓ Attractive thumbnail, informative item details, descriptive user profile

Nominate your publicly shared items through the Living Atlas Contributor app
livingatlas.arcgis.com/contribute
Resources

- ArcGIS Living Atlas of the World
- Blogs (search on Vector Basemaps)
- Early Adopter Program (EAP) Data Appliance for Esri Vector Basemaps
- Esri Vector Basemap group
- Esri Vector Basemap v2 Template (VTPK) group
- For Export Vector Tile Layers (currently Beta)
- Esri Vector Basemap Reference Document (v2)
- Vector Style Editor (Beta) (blog and link to app)
- Charted Territory (web map – coming soon at this link)