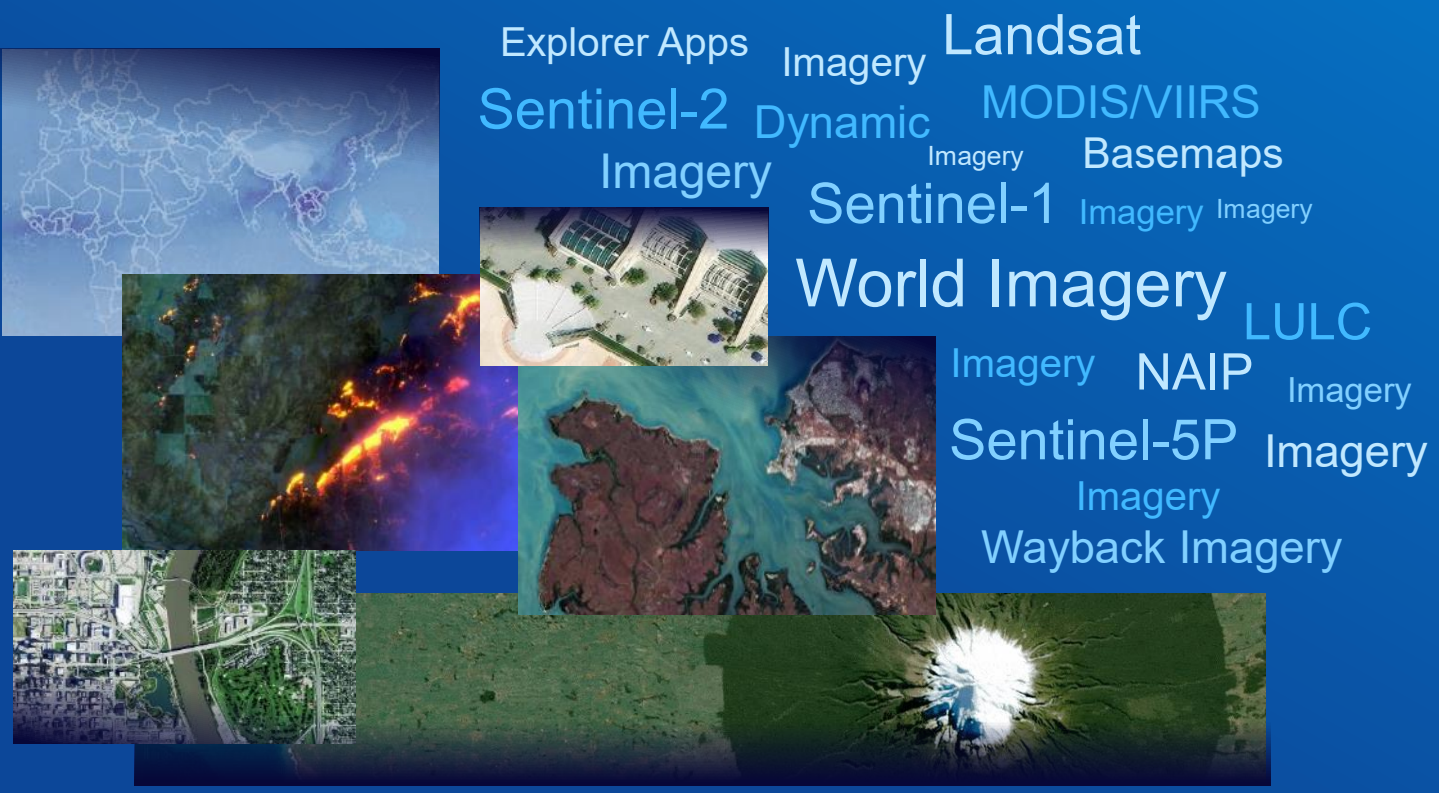
Living Atlas

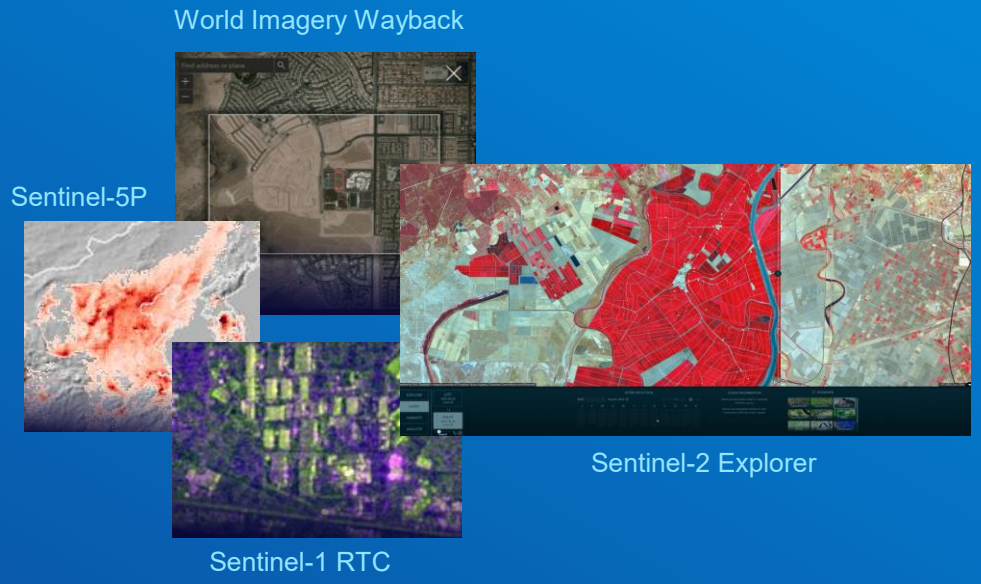
Ready to use data

Alberto Meroni

ArcGIS Living Atlas

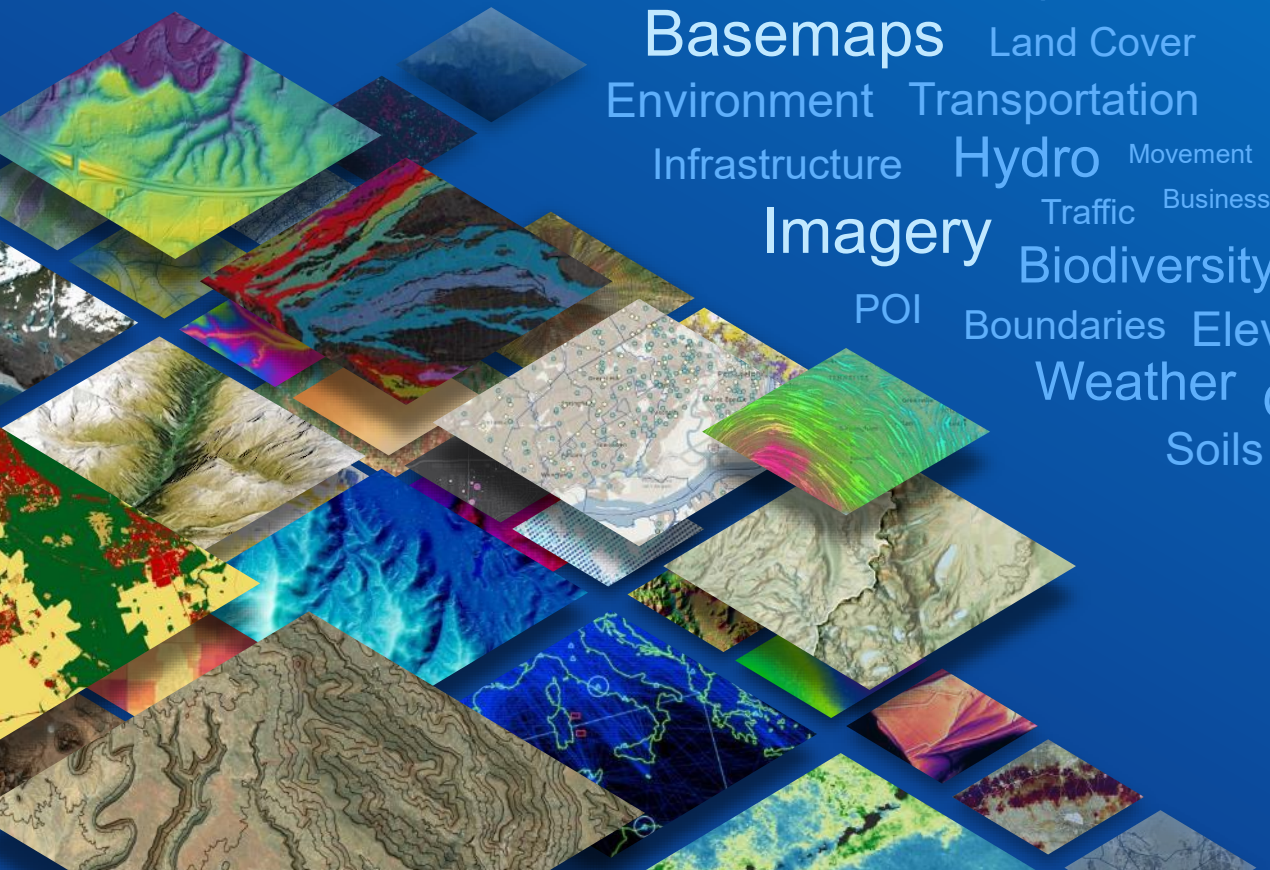
Petabytes of Ready-to-Use Imagery



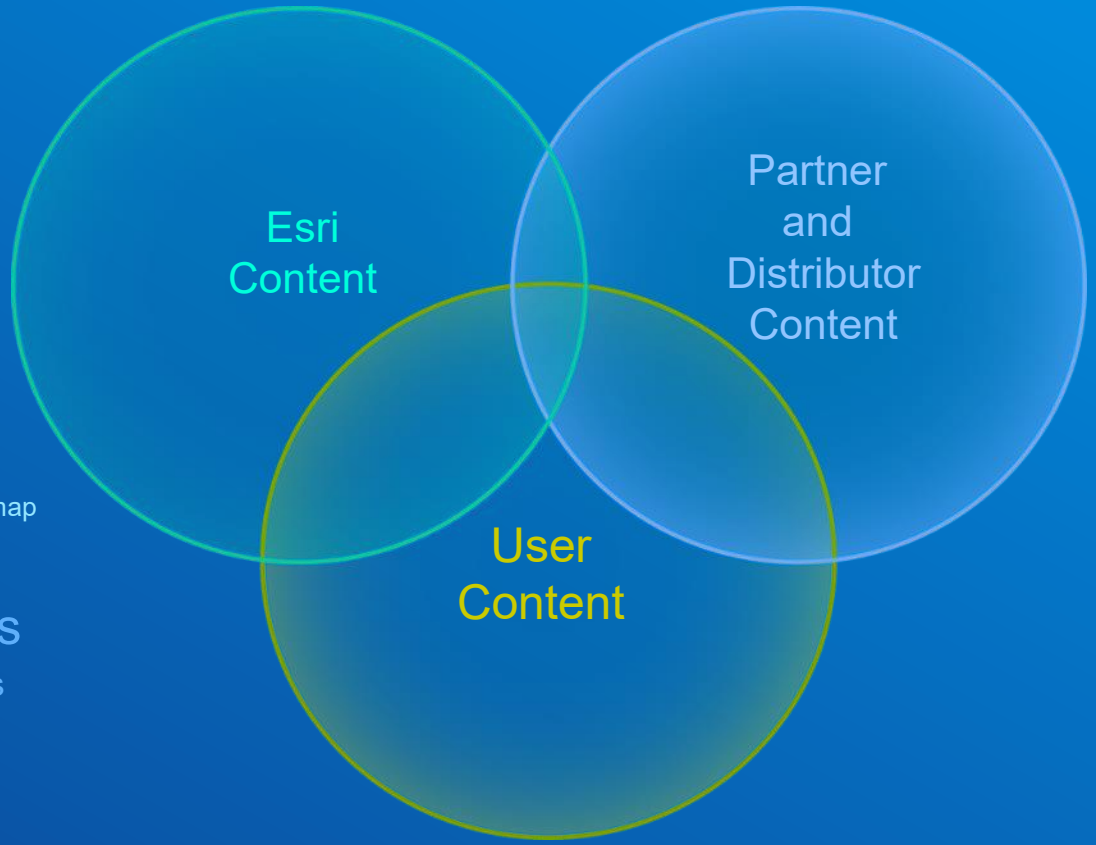


ArcGIS Living Atlas

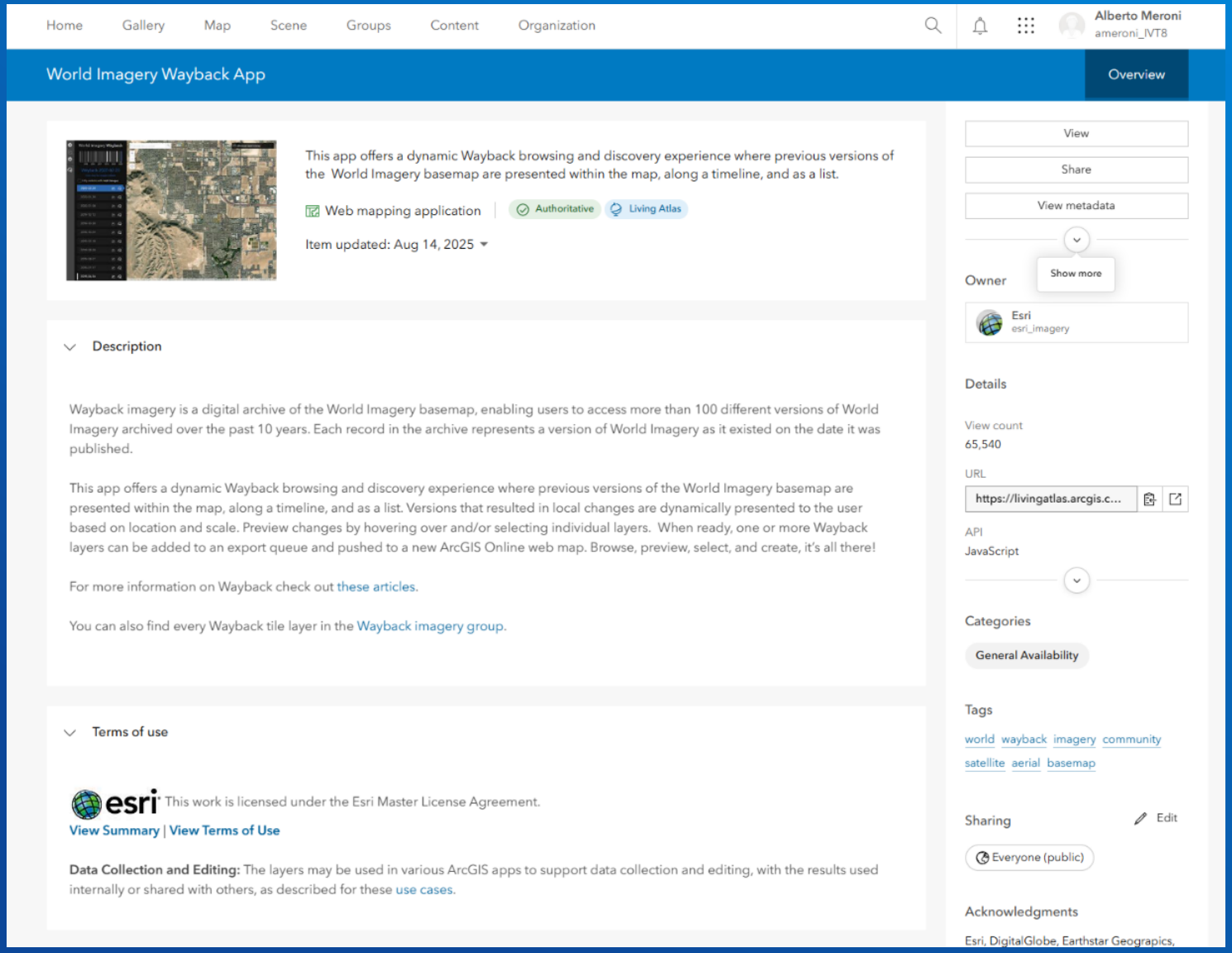
A community of maps, apps, data, and information products



Demographics
Habitats Landscape
Basemaps Land Cover
Environment Transportation
Infrastructure Hydro Movement
Imagery Traffic Business
Biodiversity 3D Basemap
POI Boundaries Elevation
Weather Oceans
Soils Hazards



Wayback App


Home
Gallery
Map
Scene
Groups
Content
Organization
Alberto Meroni
ameroni_IVT8
World Imagery Wayback App
Overview
This app offers a dynamic Wayback browsing and discovery experience where previous versions of the World Imagery basemap are presented within the map, along a timeline, and as a list.
Web mapping application
Authoritative
Living Atlas
Item updated: Aug 14, 2025
View
Share
View metadata
Show more
Owner
Esri
esri_imagery
Description
Wayback imagery is a digital archive of the World Imagery basemap, enabling users to access more than 100 different versions of World Imagery archived over the past 10 years. Each record in the archive represents a version of World Imagery as it existed on the date it was published.
This app offers a dynamic Wayback browsing and discovery experience where previous versions of the World Imagery basemap are presented within the map, along a timeline, and as a list. Versions that resulted in local changes are dynamically presented to the user based on location and scale. Preview changes by hovering over and/or selecting individual layers. When ready, one or more Wayback layers can be added to an export queue and pushed to a new ArcGIS Online web map. Browse, preview, select, and create, it's all there!
For more information on Wayback check out these articles.
You can also find every Wayback tile layer in the Wayback imagery group.
Details
View count
65,540
URL
https://livingatlas.arcgis.c...
API
JavaScript
Categories
General Availability
Tags
world wayback imagery community satellite aerial basemap
Terms of use
esri This work is licensed under the Esri Master License Agreement.
View Summary | View Terms of Use
Data Collection and Editing: The layers may be used in various ArcGIS apps to support data collection and editing, with the results used internally or shared with others, as described for these use cases.
Sharing
Edit
Everyone (public)
Acknowledgments
Esri, DigitalGlobe, Earthstar Geographics,

ArcGIS Living Atlas of the World is the foremost collection of geographic information from around the globe. It includes maps, apps, and data layers to support your work.

Search Living Atlas for maps, apps, and more

What's new

Explore items recently added to ArcGIS Living Atlas of the World, learn about GIS events, and discover ways to use content.

Assess marine protected areas with ProtectedSeas

ProtectedSeas, a pioneering project committed to mapping and sharing global ocean protection data, is now part of ArcGIS Living Atlas of the World. This exciting collaboration not only elevates the visibility of vital marine protected area (MPA) data, but also underscores the transformative power of community-provided content, expert curation, and the far-reaching benefits of making these resources available to all.

NLCD Land Cover Explorer

The National Land Cover Database (NLCD) has long been the standard for land cover mapping in the United States. The new Annual NLCD Land Cover data is now accessible to users with the NLCD Land Cover Explorer app in ArcGIS Living Atlas, providing dynamic visual and statistical change across 40 years of NLCD Land Cover data.

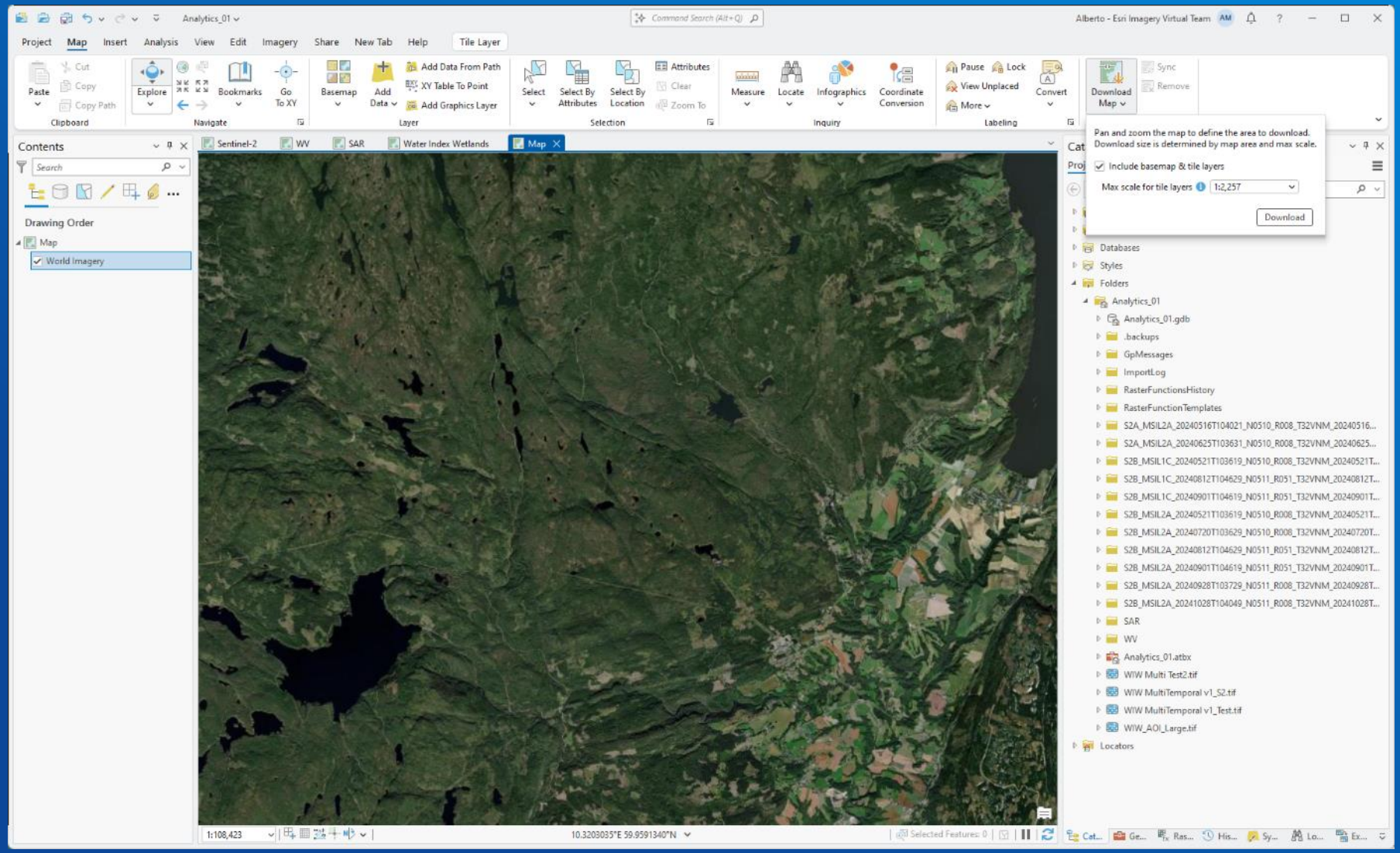
Introducing global biodiversity and conservation hexagons

Esri is applying a geographic approach to key biodiversity and conservation data, including information contributed to ArcGIS Living Atlas by the GIS community. Jumpstart your exploration, mapping, and analysis with the Global Environmental Hexagons: Biodiversity and Conservation group layer in Living Atlas, which includes 55 summarized

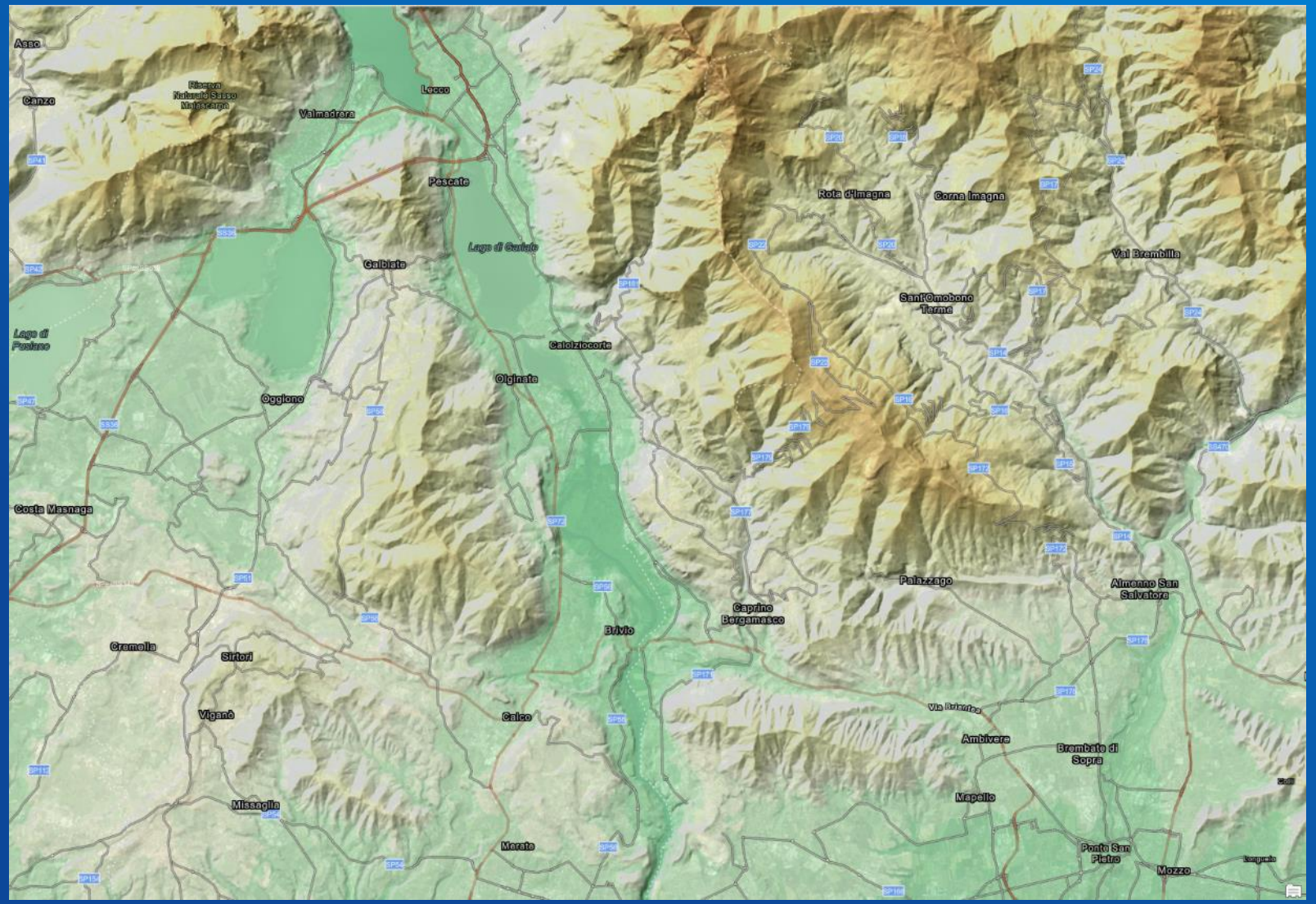
Find more accurate 3D buildings in Living Atlas

Esri has collaborated with Maxar and TomTom, as well as Esri Community Maps Contributors, to publish a new Esri 3D Buildings scene layer for large parts of the world. The scene layer includes hundreds of millions of multi-part buildings with more accurate 3D attributes, which supports better visualization and client-side analysis.

World Imagery and export in your project



Living Atlas - Terrain



- Processing Template
- Make Image Server Layer

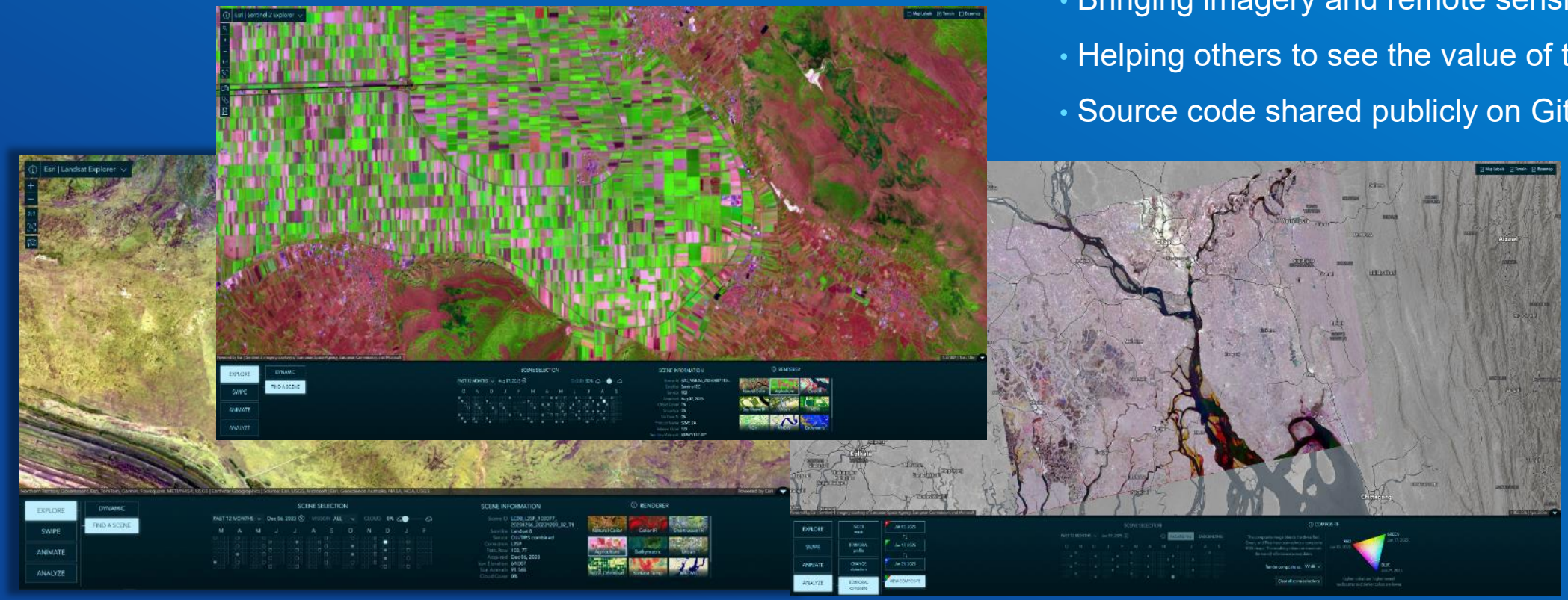
Focused Imagery Apps

Accessible imagery and remote sensing for everyone

Simple – Accessible – Intuitive

- Focused apps with a common framework
- Bringing imagery and remote sensing to everyone
- Helping others to see the value of the data
- Source code shared publicly on GitHub

Sentinel-2 Explorer



Landsat Explorer

Sentinel-1 Explorer

Landsat Explorer

A custom web application for visualizing and analyzing global Landsat imagery.

Web mapping application | Authoritative | Living Atlas | OAuth 2.0 Credentials

Item updated: Apr 3, 2025

Description

About the data

Jointly managed by NASA and the USGS, Landsat is the longest running spaceborne earth imaging and observation program in history. The Landsat program began in 1972, with the launch of Landsat 1. Beginning with Landsat 4, the program began providing mission to mission data continuity.

Landsat Collection 2 Level-2 science products, imagery from 1982 to present, are made publicly available by the USGS. The continuity in this scientific record allows for critical and reliable observation and analysis of Earth processes and changes over time.

The Landsat Level-2 multispectral imagery is available in ArcGIS Living Atlas of the World as a dynamic time enabled image service, accessible across the ArcGIS system and used to power this app. For more about the service and the data, see Landsat Level-2.

About the app

Landsat multispectral imagery helps to track and document land use and land change associated with climate change, urbanization, drought, wildfire, deforestation, and other natural processes and human activity.

Through an intuitive user experience, this app leverages a variety of ArcGIS capabilities to explore and begin to unlock the wealth of information that Landsat provides. Some of the key capabilities include:

Visual exploration of a Dynamic global mosaic of the best available Landsat scenes.

- On-the-fly multispectral band combinations and indices for visualization and analysis.
- Interactive Find a Scene by location, sensor, time, and cloud cover.
- Visual change by time, and comparison of different renderings, with Swipe and Animation modes.
- Analysis including threshold masking and temporal profiles for vegetation, water, land surface temperature, and more.

3D Layers in ArcGIS

ArcGIS Blog | Announcements | ArcGIS Living Atlas | Jun 26, 2025

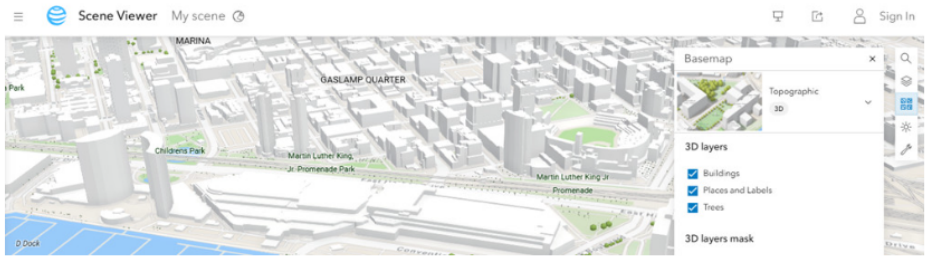
Enhanced 3D Layers in ArcGIS

By Deane Kensok

This post was originally published on July 02, 2024, and has been updated twice.

Three years ago, Esri introduced a new set of OpenStreetMap (OSM) 3D scene layers that could be used for 3D visualization. Two years ago, we introduced a new set of 3D Basemaps referencing these scene layers that were added to the basemap gallery for 3D ArcGIS apps such as Scene Viewer and ArcGIS Pro. These 3D scene layers and basemaps have been built with open data from the OSM Daylight Distribution and take advantage of the 3D mapping that has been performed by the OSM community, plus some important enhancements from the team maintaining the OSM Daylight Distribution.

Last year, we were excited to introduce some enhancements to the 3D layers that will be used in our 3D Basemaps. Esri has been working with our partners (i.e. Maxar Intelligence and TomTom) to acquire and prepare some high-quality commercial data to supplement the open data that is available. This includes selected Maxar Precision3D data and TomTom MultiNet 3D buildings, which are being used to enhance the layers in our 3D Basemaps. This month, we are delighted to make these enhanced 3D layers available in the 3D Basemaps available in the ArcGIS Online Basemap Gallery.



Topographic 3D Basemap in ArcGIS Online Scene Viewer Basemap Gallery.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