



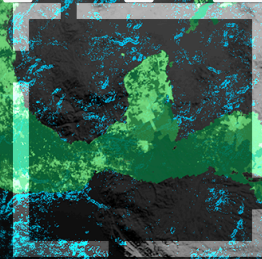
مجموعة مايكروسنتر
MICROCENTER GROUP



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Distributor

NEWSLETTER

October 2026



This Month's Highlights

1. ArcGIS Living Atlas 2026.2

Discover new datasets and resources for mapping, environmental monitoring and spatial analysis.

2. From Imagery to Information

Explore how ArcGIS transforms satellite, aerial and drone imagery into meaningful GIS information using raster analytics and GeoAI.

3. What's New in ArcGIS

Catch up on the latest ArcGIS Solutions, geocoding updates, ArcGIS Hub developments and more.

Turning Geospatial Data into Actionable Insights

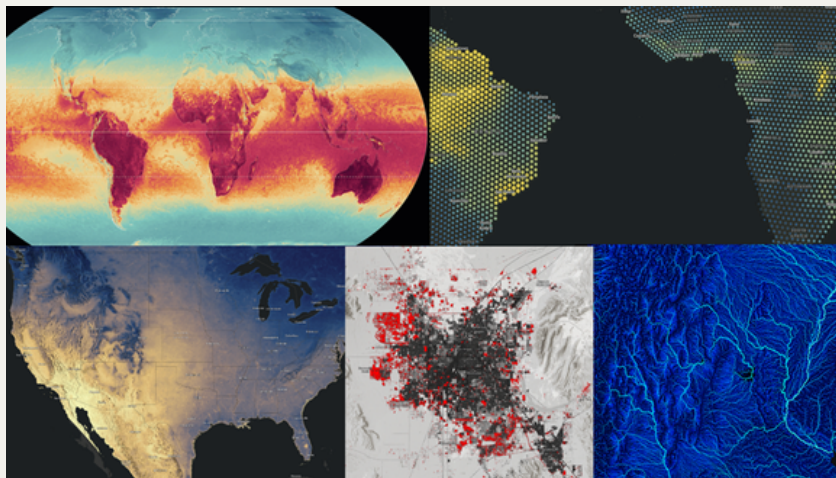
Explore the latest ArcGIS capabilities, new Living Atlas content and imagery analysis tools that help organizations make informed decisions through geospatial technology.

New ArcGIS Living Atlas Content Available in ArcGIS Enterprise – 2026.2 Release

By [Lisa Berry](#) and [Katy Nesbitt](#)

New data and resources are now available for ArcGIS Enterprise users!

Esri released Living Atlas content package 2026.2 on October 15, 2026, bringing a new collection of ready-to-use maps, layers, scenes, and apps to ArcGIS Enterprise organizations running version 11.3 and later. This update helps organizations access fresh, relevant geospatial content to support mapping, analysis, and informed decision-making.



What's New in Version 2026.2?

The latest package introduces a range of datasets and resources, including:

- USA NLCD Annual Land Cover – Land cover data to support environmental monitoring and land-use analysis.
- Global Hexagons for Biodiversity – Spatial data to support biodiversity mapping and analysis.
- Global Heat Index Baseline – Wet-bulb temperature data for understanding heat-related conditions.
- US Cloud Cover Days – Data supporting cloud cover analysis.
- HydroSHEDS 2.0 – Updated hydrographic datasets, including streamlines, nodes, and basins.

Who Can Access the Update?

Living Atlas content updates are supported for ArcGIS Enterprise 11.3 and later, subject to the software version remaining in general availability or extended support. Administrators can check their organization's current content version and update availability in the Living Atlas section of the organization settings.

How to Deploy the Update

Organization administrators can initiate the update directly from the notification in the Living Atlas organization settings. The update can be deployed immediately or scheduled for a later time, helping organizations manage content updates according to their operational requirements.

Keeping Living Atlas content up to date enables teams to benefit from the latest available geospatial resources and expand their mapping and analysis capabilities.

[Read more:](#)

The next Living Atlas content package is expected in early 2027.

From Imagery to Information: Image Analysis Across ArcGIS

By Vinay Viswambharan and Mubarakat Shuaibu



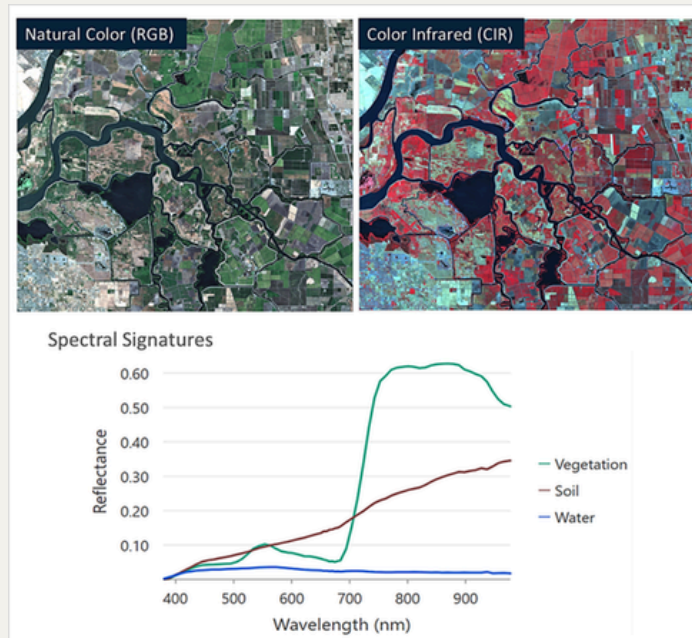
Imagery is more than a visual representation of the world. Its pixel values provide valuable information that can help monitor vegetation, detect changes, assess flood risks, analyze terrain and extract GIS features. ArcGIS offers a range of tools to transform satellite, aerial and drone imagery into actionable information.

Exploring and Analyzing Imagery

Natural color and color infrared displays reveal different characteristics of the same area, while the spectral profile shows how vegetation, soil, and water respond across wavelengths.

ArcGIS enables users to explore imagery using different band combinations, spectral profiles, histograms and charts to identify patterns and understand changes over time. With more than 150 built-in raster functions, users can enhance imagery, calculate vegetation and water indices, detect changes and combine multiple datasets to support spatial analysis.

These capabilities support a wide range of applications, including environmental monitoring, land suitability assessment, terrain and hydrological analysis, flood mapping and hyperspectral material detection. Classification tools and GeoAI models can also automate feature extraction, identifying buildings, roads, trees and land-cover types from imagery.



Natural color and color infrared displays reveal different characteristics of the same area, while the spectral profile shows how vegetation, soil, and water respond across wavelengths.

Flexible Analysis Across ArcGIS

Image analysis can be performed across different ArcGIS environments, depending on data requirements and processing needs:

- ArcGIS Pro: Supports detailed imagery exploration, raster processing, change detection, classification and deep learning workflows.
- ArcGIS Enterprise: Enables organizations to manage, serve and analyze large imagery collections using distributed raster analytics.
- ArcGIS Online: Provides hosted imagery, raster analysis tools and GeoAI workflows through Map Viewer without requiring organizations to manage the underlying infrastructure.

A pretrained deep learning model from ArcGIS Living Atlas is used in ArcGIS Online to detect buildings from imagery and generate a building footprint layer.

Turning Imagery into Actionable Information

ArcGIS also supports automation through ArcPy, the ArcGIS API for Python and ArcGIS REST APIs, allowing organizations to build repeatable analysis workflows and integrate imagery processing into applications.

By combining imagery analysis with GIS layers such as parcels, infrastructure and flood zones, organizations can generate meaningful information for planning, monitoring and decision-making. With raster analytics and GeoAI, ArcGIS helps transform imagery into reliable and shareable GIS information that supports better-informed decisions.

[Read more:](#)

Announcements



**What's new in ArcGIS Solutions
September 2026 Release**



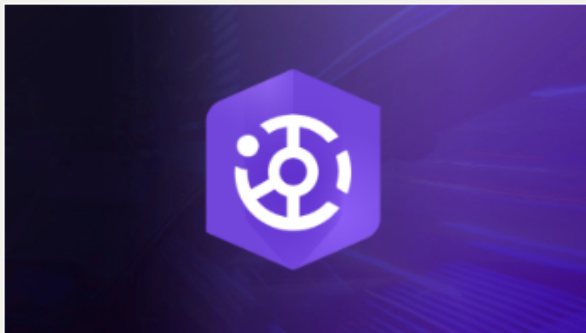
**What's New with the ArcGIS Geocoding
Service? Explore September 2026
Updates**



**ArcGIS Hub catalog feeds enhance data sharing and
discoverability—announcing DCAT-US 3 (beta)**



Deprecation Notice for ArcGIS Mission



ArcGIS Hub Product Roadmap 2026-27



**Demographic Map Layers Retiring
December 2026**

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The Power of Where: Communicating with Maps

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Make an Impact with Enterprise GIS


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Make an Impact with Enterprise GIS

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6 weeks (2-3 hours self-paced per week)

★★★★☆ 4.3 (928)

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The ArcGIS Imagery MOOC: Foundations and Frontiers


MOOC

The ArcGIS Imagery MOOC: Foundations and Frontiers

Publicly available ⓘ
6 weeks (2-3 hours self-paced per week)

★★★★★ 4.6 (7799)

[Get details](#)

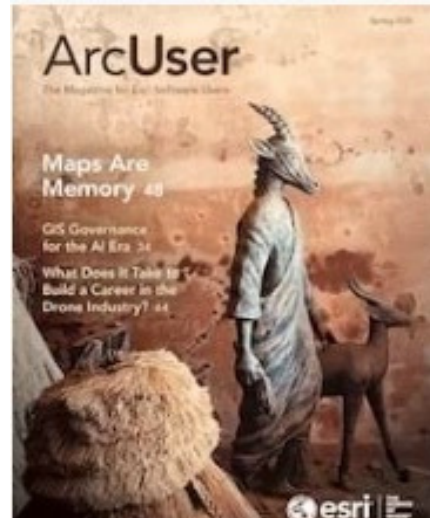
Esri Publications



[ArcNews Summer edition](#)

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[ArcUser Spring edition](#)

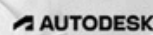
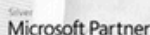
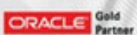
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Founded in 1983, MicroCenter Group is a pioneer in providing information technology solutions in Bahrain. Initially it was started with the aim of providing customized IT solutions to small and medium organizations but today with over 100 customers, both in the Government and private sector it has attained a leadership position in the industry within the country. With four group companies and an office in Saudi Arabia, today it has diversified into various other businesses that include IT Business Solutions, Geographical Information Systems (GIS), Utility network GIS surveys, LiDAR Technology / BIM modeling, and Digital media solutions & Specialized training.

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