What's new

The November 2022 update includes enhancements and new functionality throughout the ArcGIS Online website. Highlights are provided below. For more information, see the What's new in ArcGIS Online blog article.

Mapping

- An enhanced ArcGIS Arcade expression editor is available when configuring styling, pop-ups, and other layer visualization properties in Map Viewer. The improved editor features a dynamic expression writing experience with autopopulated code suggestions based on your data, a robust function and profile search, and flags for unassigned variables and coding errors.

- Map Viewer includes new options for summarizing point feature data. You can now configure binning to aggregate point features into summary polygons. New clustering options are also available, including the ability to override the cluster symbol to differentiate between clustered and unclustered features, and the option to configure pie chart clusters that show the proportions of categories in each cluster. Clustering is also now supported in additional projections as an alternative to Web Mercator and WGS 1984.

- You can now configure settings for multidimensional imagery layers to display specific data slices in the map.

- Map Viewer now supports showing related records in pop-ups for layers with related data in other layers or tables. For example, if a buildings layer has a preestablished relationship with a table of building tenant information, you can configure the pop-ups on the buildings layer to show the related tenant data.

- You can now add layers to Map Viewer by importing data stored in files such as CSV and GeoJSON files.

- New options are available when configuring symbols for your map. You now have greater control over hatch fills, including specifying the rotation of the hatch fill pattern. Additionally, if your map contains animated symbols authored in ArcGIS Pro, you can configure animation properties such as the animation duration and repeat delay time.

- When styling your map layer to show categorical data, you can now manually add categories for values that do not yet exist in the data.

- When configuring charts in Map Viewer, you can apply filters to show only the selected features or only the features in the current map extent.

- A new slider in Map Viewer allows you to soften the edges of a heat map, providing additional cartographic control of your map's appearance.

3D visualization

- Add dimensions to your scene and save them in slides. You can group the dimensions into themes with different colors and sizes to customize the visualization.

- You can now use your keyboard to browse through all the UI elements in Scene Viewer.

App configuration

- ArcGIS Dashboards includes several updates. You can now enable a search field in list elements to allow viewers to quickly find list items. You can also include a reset button on your dashboard to clear all selections and return any maps to their default extent. Additionally, the new follow feature action allows viewers to select to pan and stay centered on a feature on a map. For more information, see What's new in ArcGIS Dashboards.

- Two new widgets are available in ArcGIS Experience Builder. The Coordinates widget displays longitude, latitude, elevation, and camera altitude values when available. The Grid widget is a layout container you can use to organize content in a grid. Other enhancements include support for setting links to email addresses, phone numbers, and more. For more information, see What's new in Experience Builder.

- ArcGIS Instant Apps includes several updates. When you include a layer list with the option to show the attribute table (in Sidebar, Media Map, and 3D Viewer), users can now export records as a CSV file. Exhibit has streamlined options for creating and editing multiple slides without leaving the slide configuration window. More guidance is available to help you choose and configure apps, including a capabilities matrix in the documentation that compares tool options in the apps and more in-app messages in the configuration's **Get started** panel that explain and take you to key app-specific settings. For more information, see What's new in Instant Apps.

Data management

- You can now upload `.gif` image files to share with others or use in pop-ups.

- When using ArcGIS Arcade to build calculated expressions in forms, you can now use FeatureSets to create expressions that interact with features in other layers. For example, you can apply an expression to a ZIP code field that extracts a ZIP code value from an intersecting parcel layer.

Notebooks

You can now create your own code snippets in ArcGIS Notebooks. Code snippets are reusable, prewritten code that you can insert to implement common workflows across notebooks. Code snippets are organized in code snippet libraries, which you can share with others.

Accounts and administration

- Administrators can now specify a default set of member categories to automatically assign to new members when they join the organization. Member categories make it easier to find and manage members.

- When inviting members in bulk to your organization using a CSV file, the process of identifying and fixing field errors has been improved. Errors are now clearly flagged and can be fixed directly in ArcGIS Online without requiring you to upload a new or modified file.

- A new experience is available for managing your organization's custom basemap gallery. Administrators can remove deprecated basemaps and check for new Esri default basemaps to add to the gallery.

- Item reports now include information about when an item was last viewed. Administrators can use the **Item Last Viewed** field to help them manage content in the organization—for example, to identify old or unused items that should be considered for deletion or deprecation.

- A new formatting option is available when configuring the header of your organization home page. You can now set the height of the cover image to two-thirds of the screen, as an alternative to the full screen or half of the screen.