



**University of Idaho**  
Library

# ArcGIS Image for ArcGIS Online Tool Talk

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# What is ArcGIS Image for ArcGIS Online?

- Software-as-a-Service that lets users in an ArcGIS Online organization host, analyze, and stream imagery and raster collections.
  - Previously limited to tile layer (picture)
- Expands imagery data management, visualization, and analysis to a hosted environment.

# How Long Has This Been Available?

- Recent addition to ArcGIS Online
  - Spring 2022 – U of I participated in pilot
  - Summer 2022 - added to Esri Educational Institution Agreement
  - Previously this type of functionality was limited to our desktop/server infrastructure.

# Getting started

- Licensing
  - U of I Teaching & Scholarly Research Portal: license is granted to each member
  - U of I Administrative & Business Operations Portal: email Bruce



# Publishing Hosted Imagery

## ArcGIS Pro

Create Hosted Imagery | Video Search | Motion Imagery |

Share

### Create Hosted Imagery Layer

Get Started

Create hosted imagery layers on ArcGIS Online by uploading data.

Choose layer type(s)

- Tiled Imagery Layer
- Dynamic Imagery Layer

Do you have a single image or a collection of images?

- Single image
- Collection of images
- Mosaic Dataset

## Web Browser

### New item ⓘ

- Feature layer**  
Create an editable layer with fields copied from a template or feature layer.
- Application**  
Link to an application on the web or create a new registered application.
- Tile layer**  
Create a fast drawing vector tile layer or raster tile layer.
- Locator**  
Find places and addresses using the ArcGIS World Geocoding Service or your own geocode service.
- URL**  
Link to an ArcGIS Server web service, KML, OGC WFS, OGC WMS, OGC WMTS, or GeoJSON.
- Imagery layer**  
Create an imagery layer using images from your computer.
- Scene layer**  
Create a fast drawing scene layer using 3d content.

# Publishing Hosted Imagery

- General steps:
  - Choose a layer type
  - Choose a layer configuration
  - Select and define imagery
  - Add item description

# Publishing Hosted Imagery

- Layer Types
  - Tiled [can be shared with everyone]
    - Layer Configuration
      - One Image
      - One Mosaiced Image
        - Raster Type (Landsat, SPOT, NetCDF, and others)
      - Multiple Imagery Layers

# Publishing Hosted Imagery

- Layer Types
  - Dynamic [can be shared with members of an organization]
    - Layer Configuration
      - One Image
      - One Mosaiced Image
        - Raster Type (Landsat, SPOT, NetCDF, and others)
      - Multiple Imagery Layers
        - Raster Type (Landsat, SPOT, NetCDF, and others)
      - Imagery Collection





# Resources

- [Get Started with ArcGIS Image for ArcGIS Online - Esri Community](#)
- [ArcGIS Blogs - ArcGIS Image for ArcGIS Online](#)