



Working With Metadata in ArcGIS

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SEE
WHAT
OTHERS
CAN'T

Working with Metadata in ArcGIS - Spotlight

- Metadata fundamentals
- ArcGIS platform

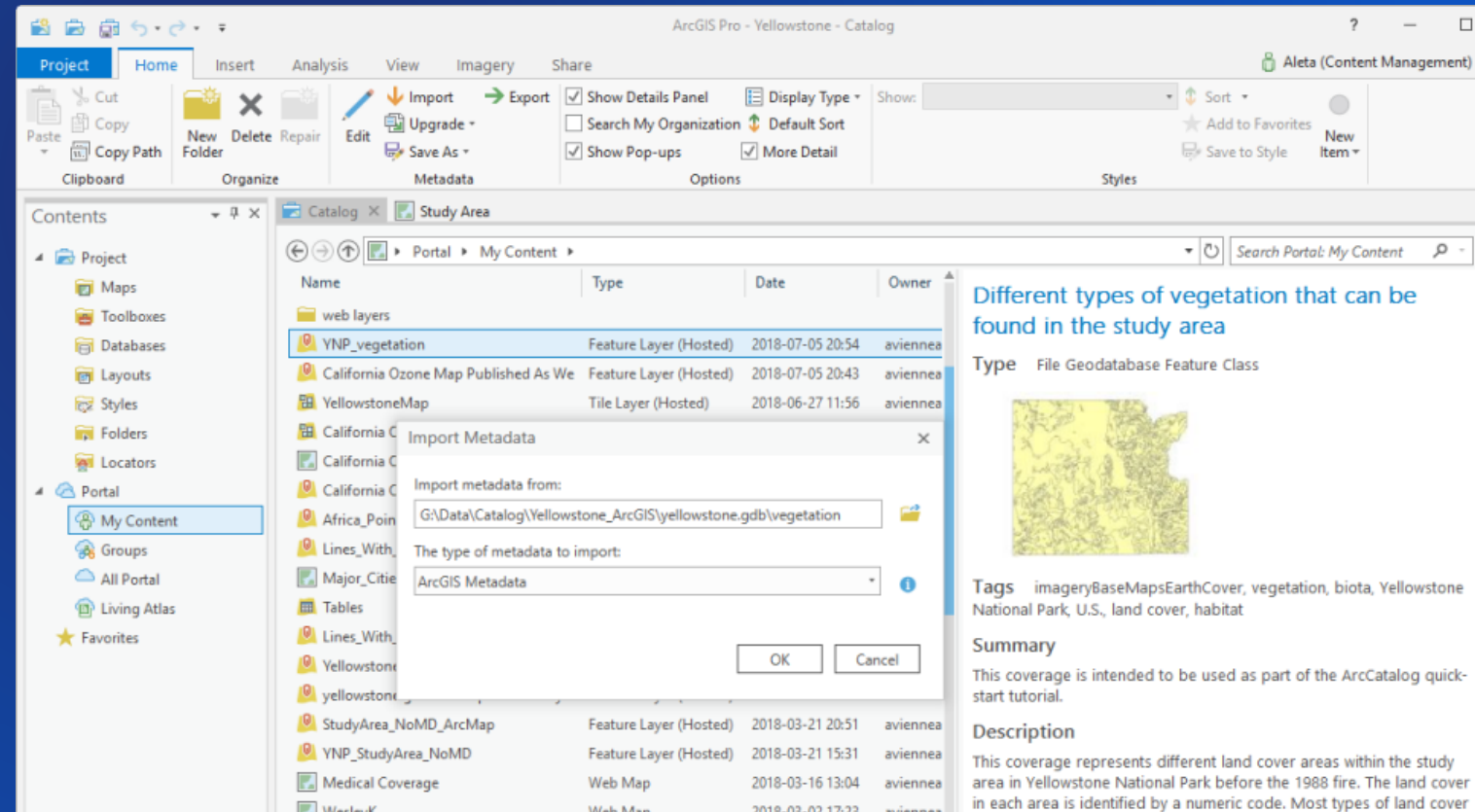


ArcGIS Platform



Metadata Support in ArcGIS Pro

- Metadata styles for geospatial metadata standards
- Display and edit full metadata
- Metadata for map layers
- Import and export metadata
- Save and filter content to files
- Copy ArcGIS metadata
- Upgrade CSDGM metadata



Current status of metadata support in ArcGIS for Desktop

	ArcMap 10.x	Pro 2.2	Pro 2.3 + 2.4	Pro 2.5 planned
Styles for geospatial metadata standards	✓	✓	✓	✓
Display and edit full ArcGIS metadata	✓	✓	✓	✓
Map layers have full metadata	✗	✓	✓	✓
Import and export metadata	✓	✓	✓	✓
Manage metadata with .NET SDK	✓	✓	✓	✓
with geoprocessing tools	✓	✗	✗	✗
with Python scripts	✓	✗	✗	✓
Publish map with full metadata	✓	✓	✓	✓
map layers with full metadata	✗	✓	✓	✓
Customize the metadata editor	✓	✓ (limited)	✓	✓

Metadata Support in ArcGIS Online and ArcGIS Enterprise

- Metadata styles for geospatial metadata standards
- Display and edit full metadata
- Scores quality of content
- Metadata for item layers
- Export metadata
- Copy ArcGIS metadata
- Save content to file

The screenshot displays the ArcGIS Online metadata interface. On the left, a map titled 'California Ozone Map Pul' is shown with a thumbnail and a description: 'Datasets used for geospatial extension. Feature Layer (hosted) Created: Jun 13, 2018'. Below the map is a 'Description' section with the text 'California state boundary, cities, and ozone concern'. The 'Layers' section lists two items: 'O3_Sep06_3pm' and 'ca_cities', each with options to 'Open In', 'Export To', 'Enable Attachments', 'Service URL', and 'Metadata'.

On the right, a detailed metadata view for 'YNP_vegetation' is shown. The 'Details' tab is selected, displaying the 'Description (Abstract)*' section. The description text reads: 'This coverage represents different land cover areas within the study area in Yellowstone National Park before the 1988 fire. The land cover in each area is identified by a numeric code. Most types of land cover consist of different types of vegetation; others are rock, water, or bog. Several types of vegetative cover may have similar groups of plants. Often, the same dominant plant species is paired with different companion or successional species. Details'. Below the description is an 'Edit...' link. The 'Item Information' section at the bottom right shows a progress bar from 'Low' to 'High' and a 'Learn more' link.

Metadata Support in ArcGIS for Open Data

- Leverage existing metadata for public items
- Display and edit full metadata
- Scores quality of metadata content
- Search metadata
- Export metadata
- Leverage metadata for additional access options

The image displays three overlapping screenshots from the ArcGIS Hub interface, illustrating metadata support for open data.

The top screenshot shows the ArcGIS Hub map view for the dataset "Administrative unit 4th". The map displays a world map with a heatmap overlay indicating the location density of 8,220 features. The interface includes navigation tabs for Overview, Data, and API Explorer, along with search and user profile options.

The bottom-left screenshot shows a "Metadata Document" window for the same dataset. It displays the following information:

- ISO-19139 Metadata**
- Metadata Information:**
 - Metadata language:** utf8
 - Metadata character set:** utf8
 - Metadata contact - pointOfContact:**
 - Organization's name:** Esri
 - Contact information:**
 - Address:**
 - e-mail address:** rlucchi@esri.com
- Scope of the data described by the metadata:** service
- Scope name:** Download service
- Name of the metadata standard used:** INSPIRE Metadata Implementing Rules: Technical Guidelines based on EN ISO 19115 and EN ISO 19119
- Version of the metadata standard:** V. 1.2
- Metadata identifier:** 31ef518561ac4b0fab8b0ec7de7249da
- Citation:**
 - Title:** AdministrativeUnits
 - Reference date - publication:**

The bottom-right screenshot shows a dropdown menu for "Download Data" with the following options:

- Full Dataset
- Spreadsheet
- KML
- Shapefile
- Filtered Dataset
- Spreadsheet
- KML
- Shapefile
- Additional Resources
- INSPIRE GML format
- File gdb