Esri International User Conference | **San Diego, CA**

Technical Workshops | **2011-07-12**

Metadata In ArcGIS 10.0

Jason Cupp

What's New In ArcGIS 10.0

- **New Metadata Editor for Multiple Standards**

- **New Tools and Workflows**

- **Metadata Editor Toolkit (the source code)**

What Has Not Changed

- **Using geoprocessing tools and models for managing metadata**

- **Synchronization keeps your metadata up to date**

- **ArcGIS 9.X FGDC CSDGM editor available via Add-In download**

Reasons For The Changes at 10.0

- **Need to adopt new standards**

- **Evolution of existing standards**

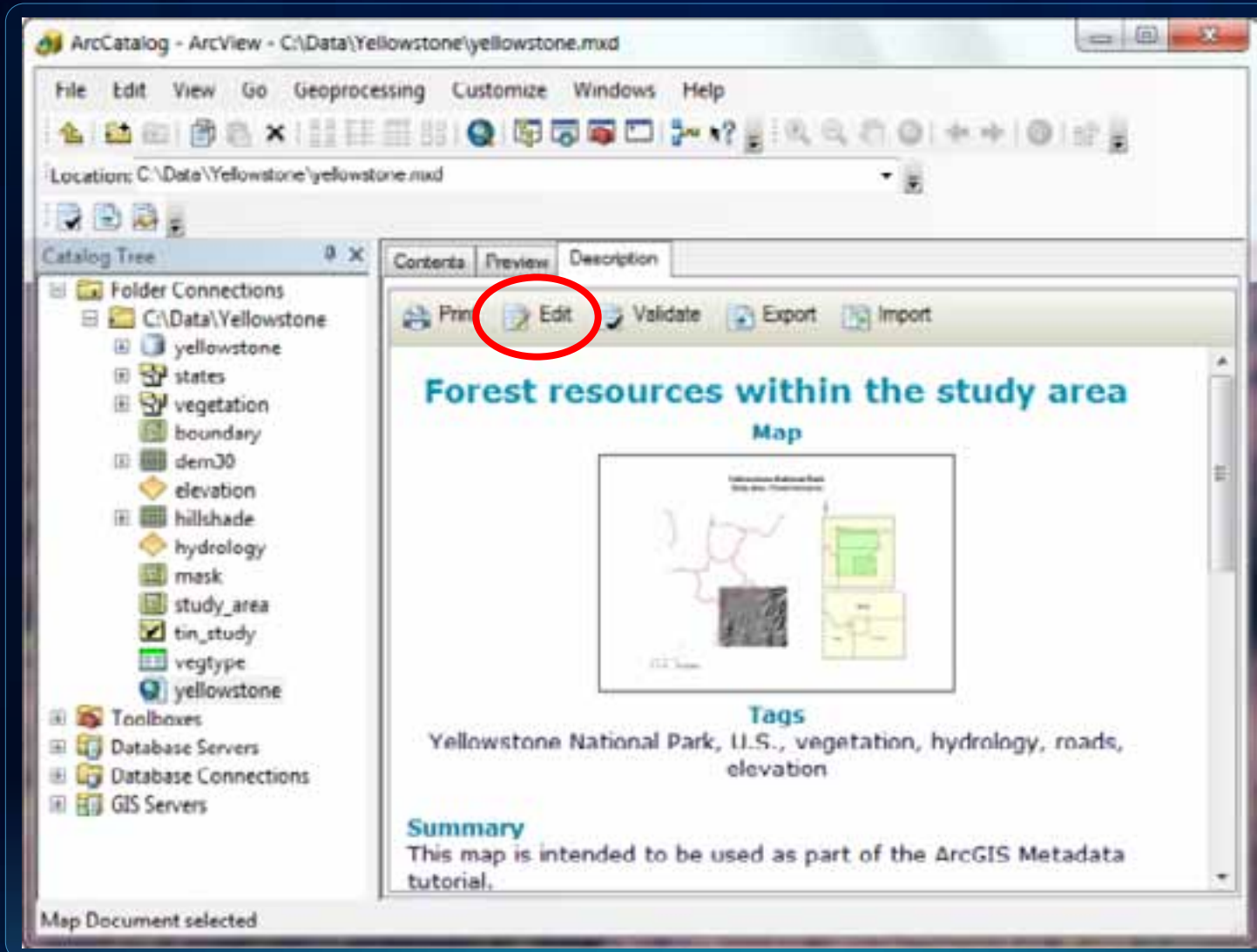- **One editor for multiple standards**

- **Technology update**

Goals for Metadata in ArcGIS 10

- **Complete support for ISO and FGDC**

- **Validating metadata according to standards**

- **One way to create and manage all metadata**

- **Simplify workflows**

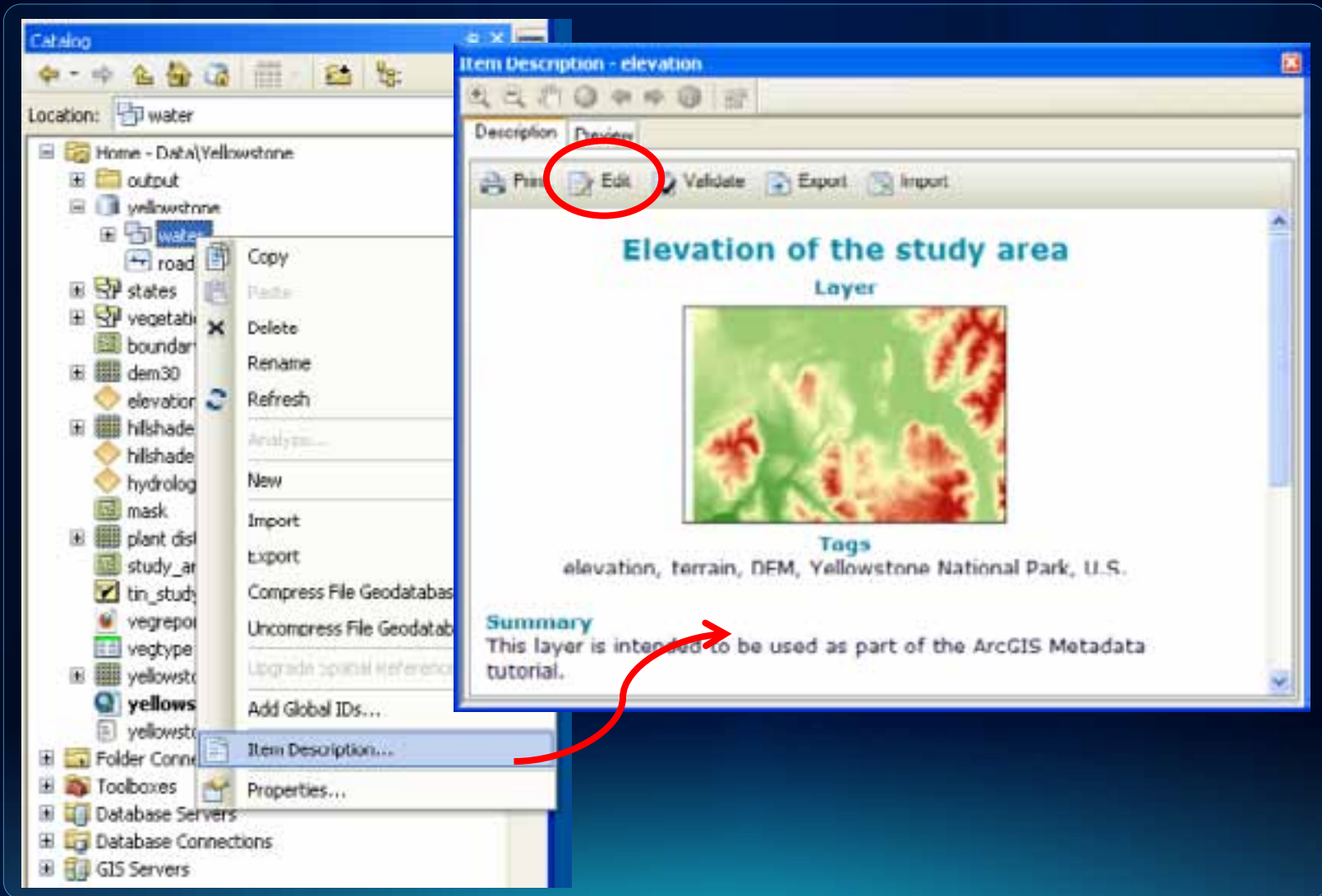- **Support ArcGIS Desktop Search**

Highlights for Metadata in ArcGIS 10.0

- **The New Editor**

- **Metadata "Styles"**

- **Support ArcGIS Desktop Search**

- **Better management tools**
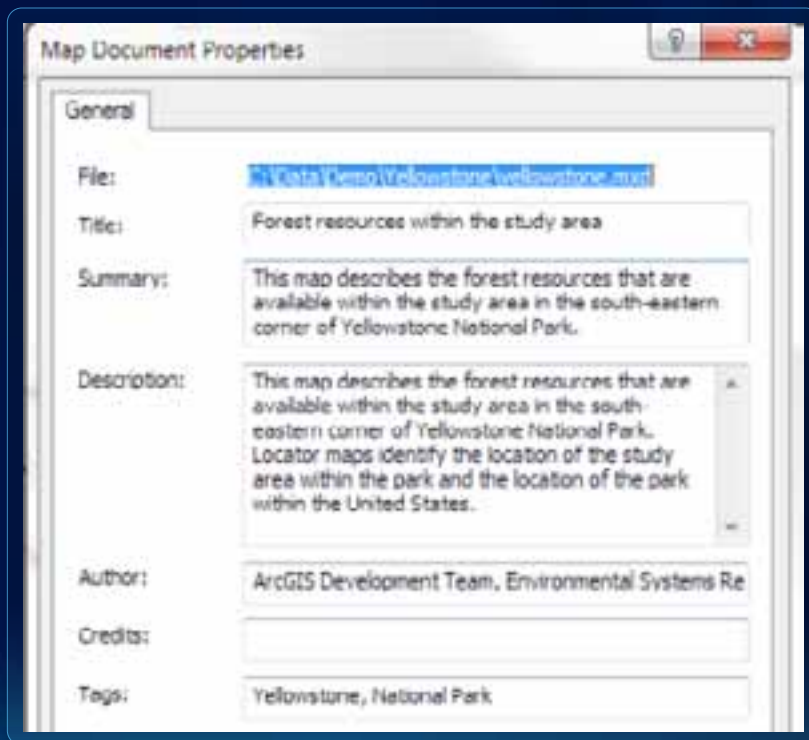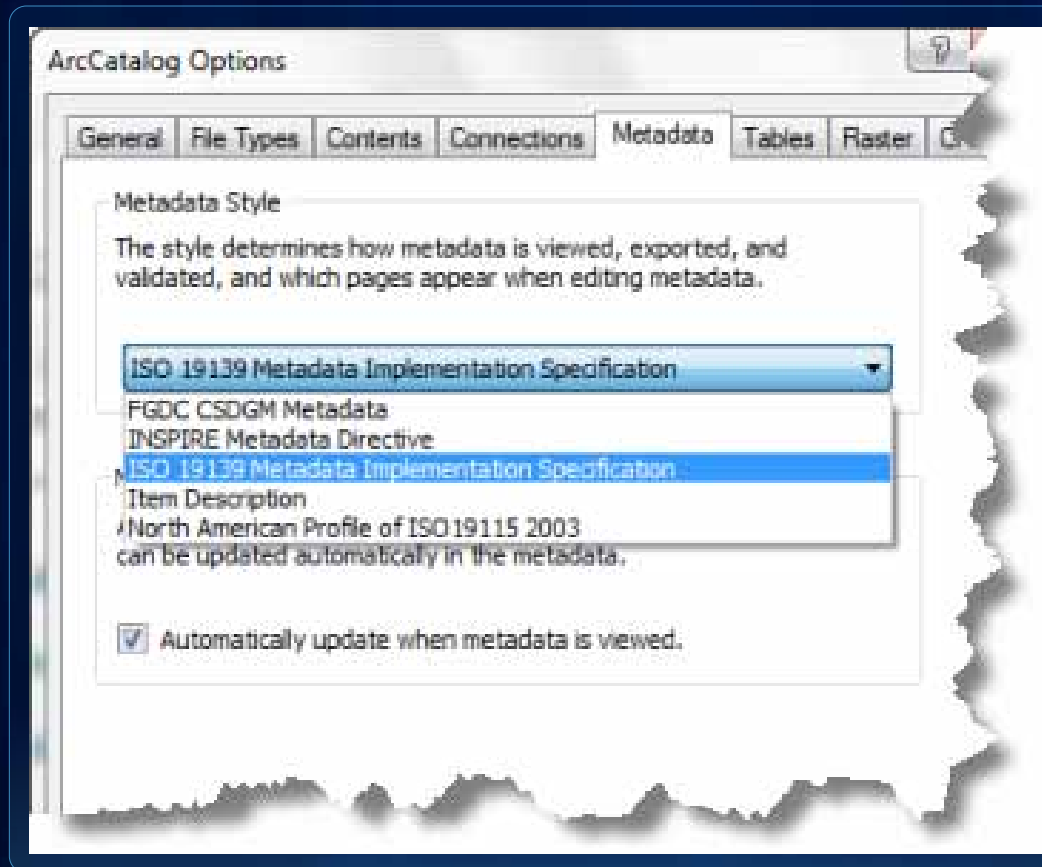
The New Editor

The New Editor

The New Editor

- **Edit map properties, changes are also saved in the map's metadata**

Metadata Styles

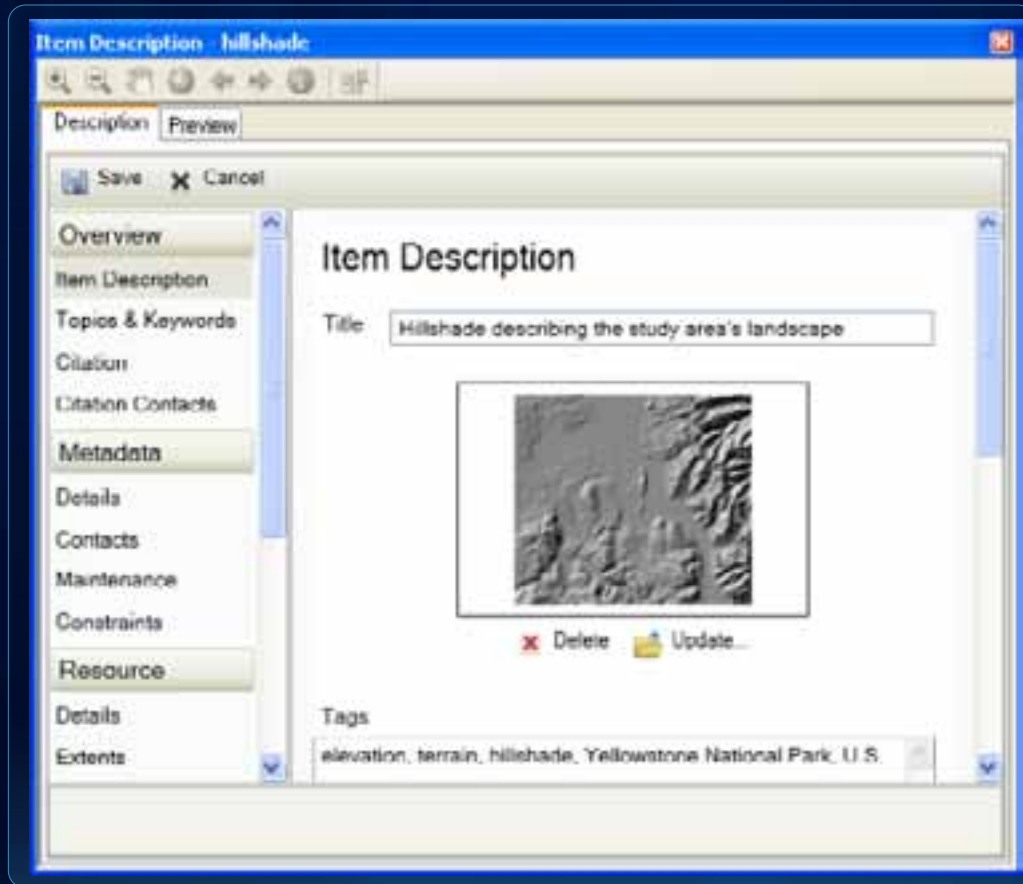**"One stop" configuration for metadata on the desktop**

Metadata Styles

Metadata Styles

- **XSLT stylesheet used for display**

- **Pages that appear in the editor**

- **Exporting to a metadata standard**

- **Validation against a standard schema**

- **Customizable**

Metadata Styles

Metadata Styles

- **Metadata in ArcGIS 10 is stored in the ArcGIS metadata format**

- **Includes all content in all metadata standards**

- **Includes additional ESRI-defined content**
  - Thumbnails, geoprocessing history, enclosures, detailed item properties

Support ArcGIS Desktop Search

- *Item Description* style designed for ArcGIS Online and searching in ArcGIS Desktop

- For those not required to follow a particular metadata standard

Item Description

Title | Different types of vegetation that can be found in the study area

❌ Delete   📂 Update...

Tags

vegetation, land cover, habitat, Yellowstone National Park, U.S.

Summary

Description

B *I* <u>U</u> A⁺ A⁻ ☰ ☰ ⚡ ≡ ≡ ≡ ≡ ⇥ ⇤ ↩ ↪

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 about each type of land cover can be found in the vegtype.dbf table.

Better Management Tools

- **Tools according to your *metadata style***

  - **Export**

  - **Validate**

  - **Upgrade**

Better Management Tools

Upcoming…

- **FGDC Patch**
  - Expanded coverage of elements
  - Numerous bug fixes
  - Available in August
- **Metadata Editor Toolkit**
  - WPF Visual Studio Project
  - Source code for editor pages

Summing Up

- **New Metadata Editor**

- **Integrated tools**

- **Continued FGDC support**

- **Support for ISO 19139, NAP and INSPIRE**

More Metadata at the UC

- **Wednesday 13th**
  - 5:30pm - 7:00pm; Metadata SIG

- **Thursday 14th**
  - 9:00am - 11:00am; Showcase Software Island - Geodatabase Management - Meet the Specialist
  - 11:00am - 1:00pm; Showcase Software Island - Geodatabase Management
  - 1:00pm - 1:45pm; Managing Metadata with Geoprocessing Tools: Offering 2 (Geodatabase Management Demo Theater)

Online Resources

Creating and managing FGDC metadata in ArcGIS 10

VIDEO > http://esriurl.com/fgdcvideo

HELP > http://esriurl.com/fgdc