



Esri International User Conference | San Diego, CA
Technical Workshops | 2011-07-12

Metadata In ArcGIS 10.0

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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**

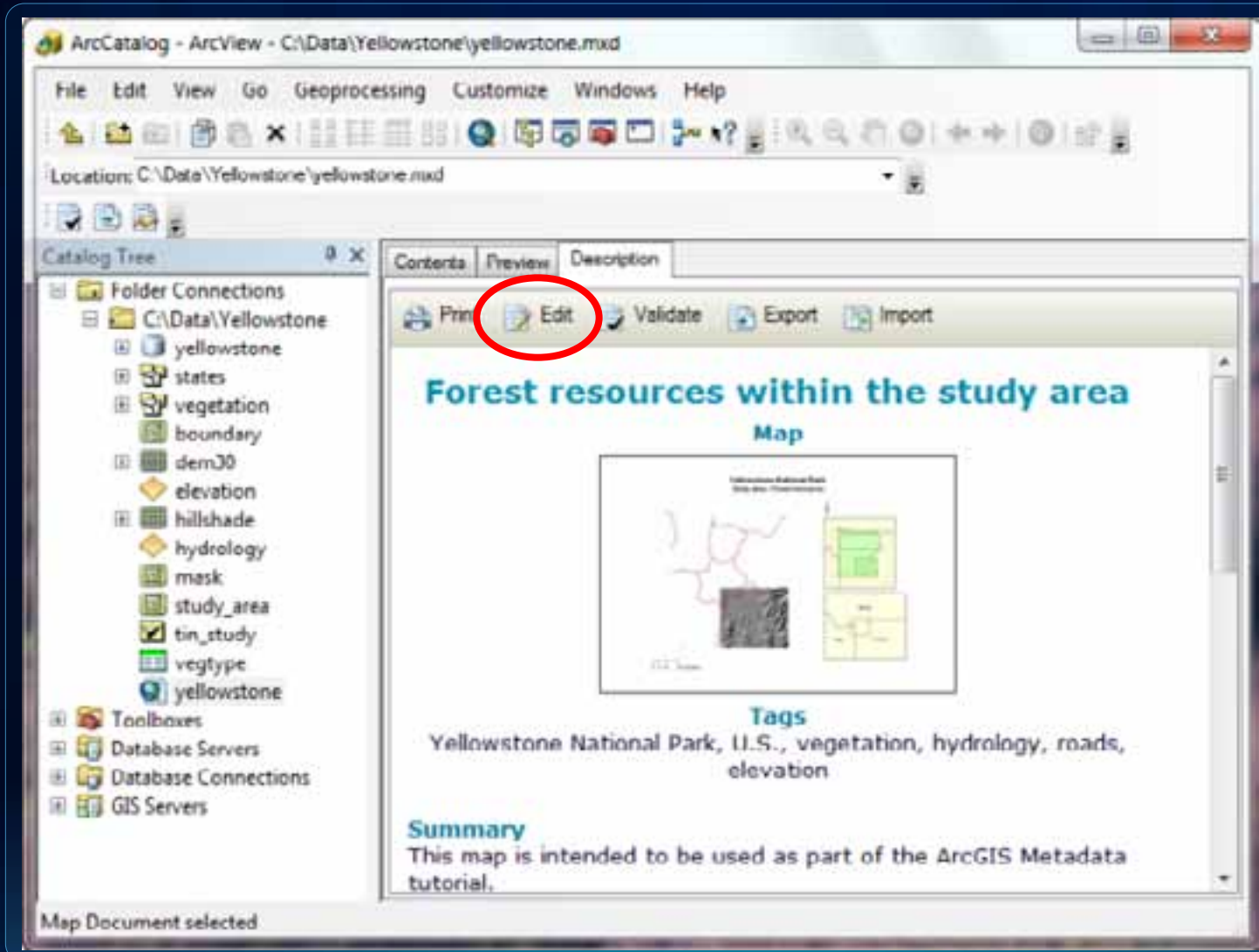
Goals for Metadata in ArcGIS 10

- **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**

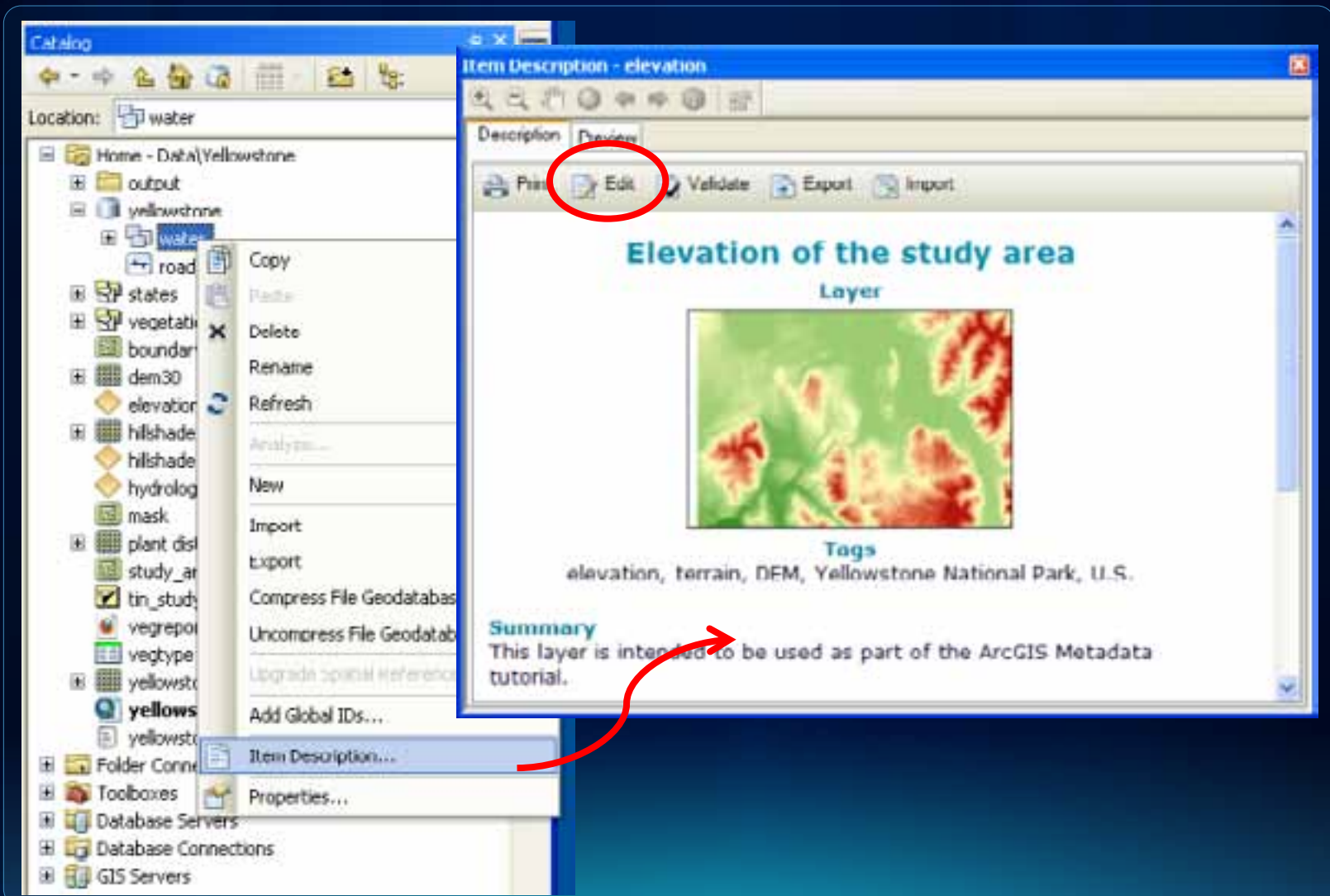
Highlights for Metadata in ArcGIS 10.0

- **The New Editor**
- **Metadata “Styles”**
- **Support ArcGIS Desktop Search**
- **Better management tools**

The New Editor

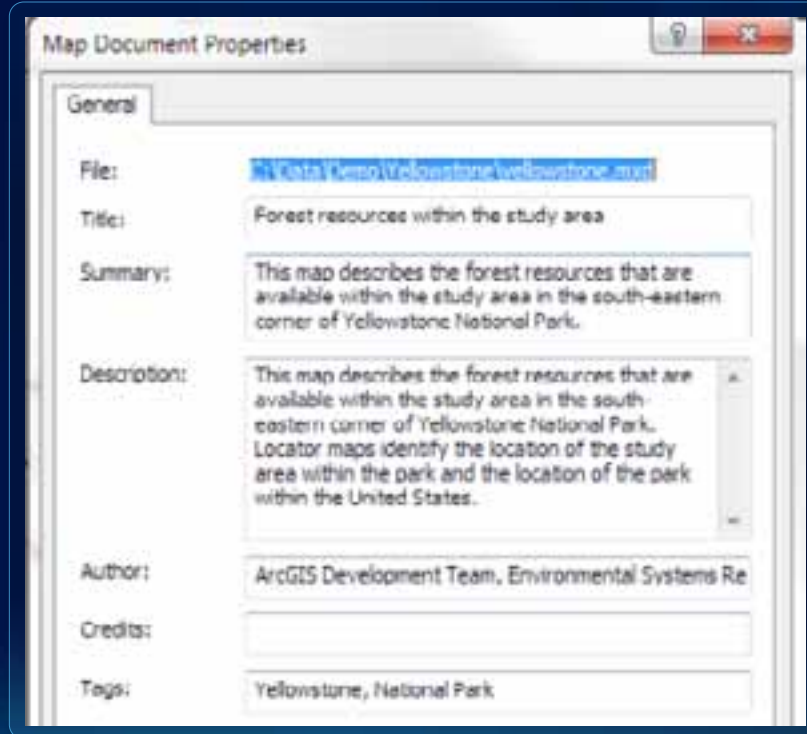


The New Editor



The New Editor

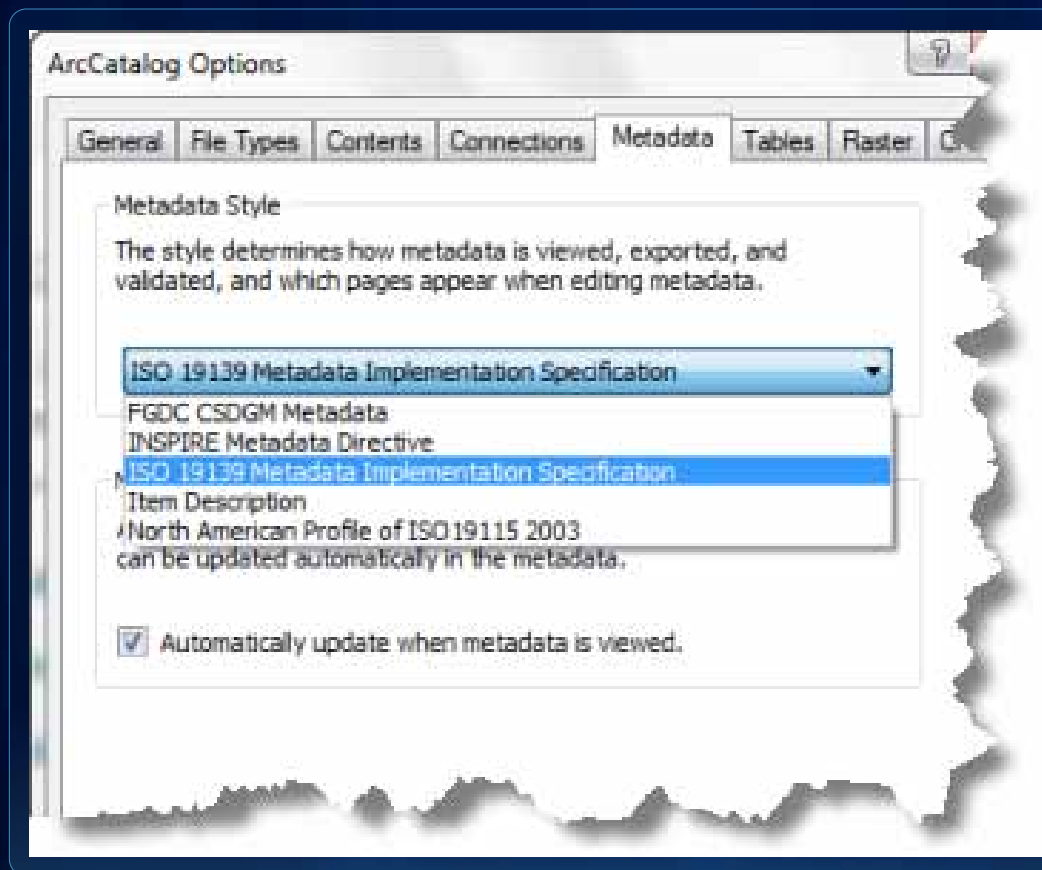
- Edit map properties, changes are also saved in the map's metadata



Metadata Styles

“One stop” configuration for metadata on the desktop

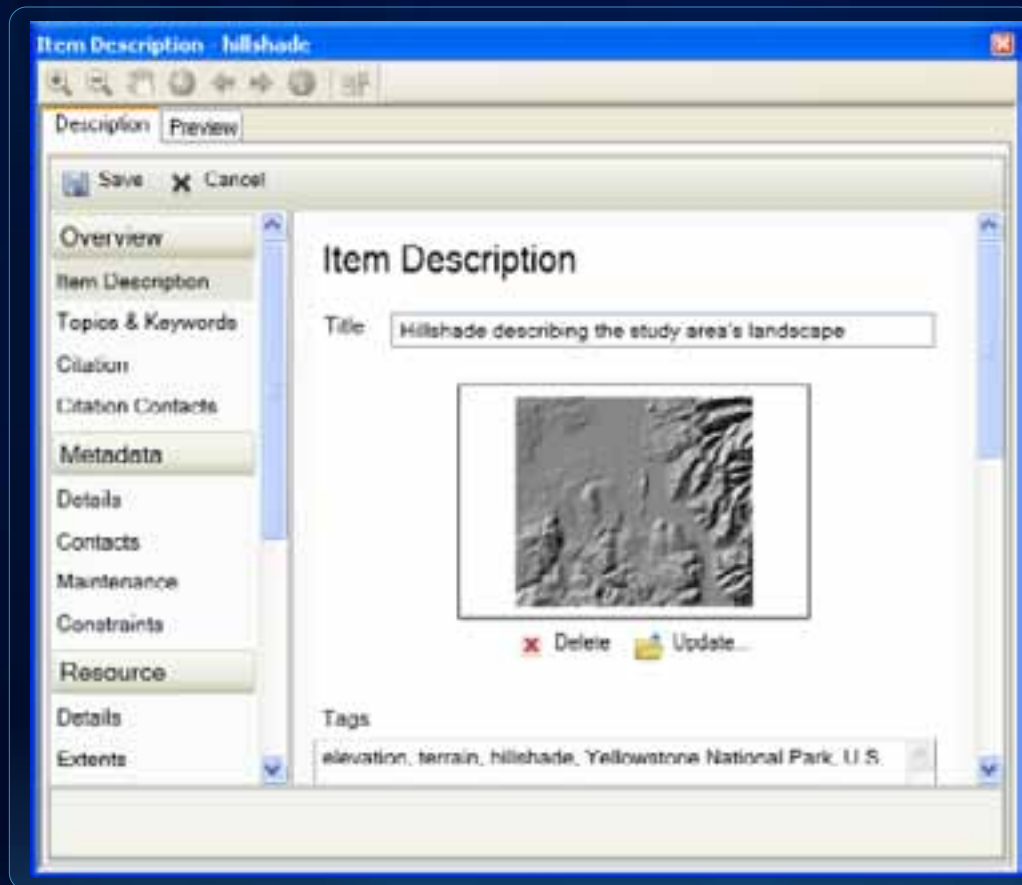
Metadata Styles



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

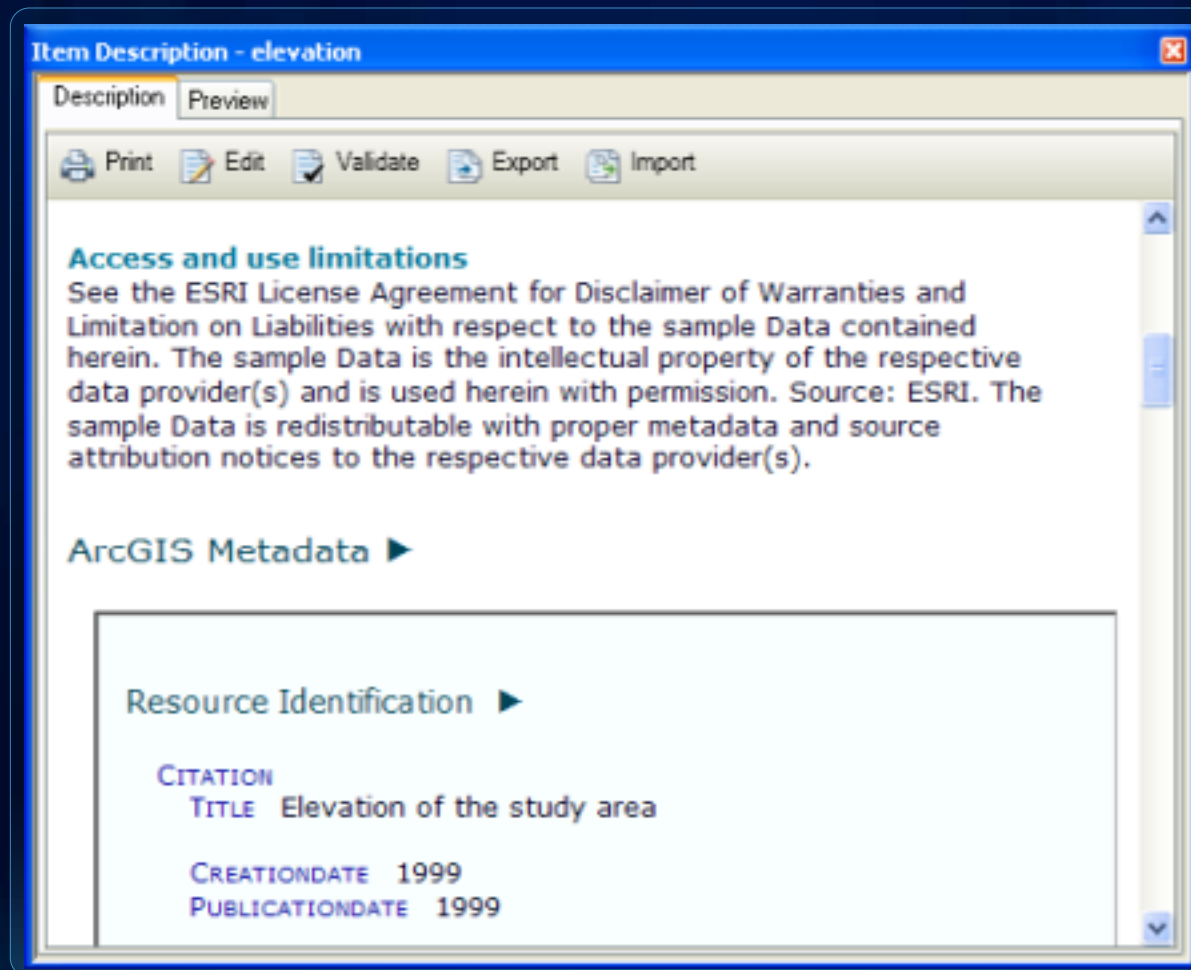
Description

B *I* U **A** **A**                     

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>