



Esri International User Conference | San Diego, CA
Technical Workshops | July 13, 2011

Editing Tips and Tricks

Matthew Baker, Esri

Rhonda Glennon, Esri

Session overview

- **Productive editing techniques**
 - Creating new features
 - Editing existing features
 - Editing coincident features and topology
- **Format**
 - Software demonstrations
 - Q & A session at end
- **Note: demonstrations use ArcGIS for Desktop 10**

Creating new features

- **Set layer and feature template properties first**
- **Set feature template default attribute values and default construction tool**
- **Make sure layers are visible and template default attributes match any definition queries**
- **Change sketching methods with Feature Construction toolbar (Tab moves toolbar)**
- **Type unit abbreviation for values not in map units**
- **Use shortcuts to access additional functionality**
- **Enable classic snapping for more control**
- **Use basemap layers for better drawing performance**

Editing existing features

- **Update shapes quickly with Edit Vertices toolbar**
- **Trace edges when cutting polygons or reshaping**
- **Change attributes for multiple features by clicking top of Attributes window**
- **Avoid accidental edits with sticky move tolerance**
- **Set selectable layers and refine selections with table of contents – List By Selection**
- **Continue Feature tool – extend lines or add parts by sketching (ArcGIS 10 SP2)**
- **Make bulk edits with Editing geoprocessing toolbox**

Editing coincident features and topology

- **Use Topology toolbar to update multiple features that share geometry**
 - **Map topology – shape edits only (all licenses)**
 - **Geodatabase topology – shape edits plus complex rules for feature relationships (ArcEditor and ArcInfo)**
- **Select topology elements with Topology Edit tool**
- **Reshape and modify edges**
- **Use Edit Vertices toolbar with topology edges**
- **Identify coincident features and exclude features from edits with Shared Features window**

Additional resources

- **ArcGIS Desktop Help: Data management > Editing data section**
- **ArcGIS Desktop Blog: entries tagged with “edit,” “editing,” and “best practices”**
- **Context-sensitive help within ArcGIS**
- **ArcGIS.com**
 - **Local Government Gallery – videos, blogs, and well-authored maps ready for your own editing projects**
 - **Editing Labs group –samples from Esri’s Editing development team**
- **GIS Tutorial 3: Advanced Workbook from Esri Press**

Resources at the User Conference

- **Wednesday, July 13**

- **Esri Showcase: Geodatabase Management Island (open 9 to 6)**
- **Authoring Maps for Web Editing: 12:30-1, Geodatabase Management Demo Theater (Exhibit Hall C)**
- **Introduction to Editing in ArcMap: 1:30-2:45, Room 6D**
- **Using Spatial Adjustment Tools: 4-4:30, Geodatabase Management Demo Theater (Exhibit Hall C)**

- **Thursday, July 14**

- **Esri Showcase: Geodatabase Management Island (open 9 to 1:30)**
- **Understanding Topology in the Geodatabase: 8:30-9:45, room 6C**
- **Designing and Authoring Maps for Editing , 1:30-2:45, Room 6D**

- **Friday, July 15**

- **ArcGIS for Local Government: 9-10:15, Room 1 A/B**

Open for questions. Thanks for attending!
Please fill out the surveys.





esri