Learning Common GIS Workflows

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Common GIS Workflows

- Geodatabase
  - Updating feature classes
- Editing
  - Set the editing environment
- Analysis
- Cartography
  - Map design
- Sharing
  - ArcGIS Online
  - ArcGIS for Server

Inputs → Actions → Results

Start → End
Scenario

Hamilton County Land Trust, Hamilton County, Indiana

- GIS volunteers
- Remotely located
Common Workflows
Geodatabase
Update existing feature classes

- Receive updated datasets
- Delete existing datasets
- Copy updated datasets into place
- Updated geodatabase

- Receive updated data
- Delete existing features
- Append updated features
- Updated geodatabase

Truncate tool
Append tool
Update existing feature classes
Editing

Start an edit session

Choose the workspace

Choose feature template & construction tool

Set editing properties & options

Create new feature

Add or edit attributes

Save edits
Set the editing environment
Sharing using ArcGIS Online

1. Identify content
2. Complete metadata
3. Create package
4. Deliver package
5. Shared content
Sharing using ArcGIS Online
Analysis

The Geographic Approach

1. Frame the question
2. Choose and prepare data
3. Perform the analysis
4. Examine and refine the results
5. Share the results

Analysis
Performing analysis
Creating maps
The cartographic workflow

Planning  Data  Symbology  Layout  Output
Creating a map
Share data
Using ArcGIS services
Publishing a service
Resources

• Hamilton County Land Trust on ArcGIS Online (www.arcgis.com)
  - Search for ‘HCLT’
Steps to evaluate UC sessions

- My UC Homepage > “Evaluate Sessions”
- Choose session from planner
  OR
- Search for session

www.esri.com/ucsurveysessions
• Thank you for attending
• Have fun at UC2012
• Open for Questions

• Please fill out the evaluation:

  www.esri.com/ucsessionssurveys

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