

ArcGIS 2 - Essential Workflows

Authoring, sharing, and using GIS maps

- Understanding the workflow
- Creating maps that combine local data with ArcGIS Online content
- Publishing a map to the web

Organizing geographic data

- Finding data for a project
- Storing data from different sources in a file geodatabase
- Documenting data for a project

Managing map layers

- Setting scale ranges to improve map display
- Presenting filtered views of data using definition queries
- Creating group layers and basemap layers to organize map contents

Displaying data

- Understanding quantitative and qualitative data
- Symbolizing features by attribute values
- Classification methods
- Normalizing data

Working with tabular data

- Adding fields and calculating values
- Summarizing fields
- Table joins and relates

Creating and editing data

- Editing workflow
- Feature templates
- Creating new features
- Updating feature shapes and attributes
- Editing data using an ArcGIS Online template

Labeling features

- Labeling workflow and options
- Understanding reference scale
- Automating label placement using Maplex
- Python label expressions

Designing map layouts

- Cartographic design principles
- Adding map elements
- Creating and publishing single maps and map books

Preparing data for analysis

- Evaluating data quality
- Changing a dataset's coordinate system

Solving spatial problems

- Analysis workflow
- Working with geoprocessing tools
- Creating models

Sharing geographic information

- Options for sharing maps and layers
- Sharing analysis workflows using geoprocessing packages
- Publishing a map service