Migrating from ArcMap to ArcGIS® Pro
Table of Contents

Esri resources for your organization

Course introduction

Course introduction
Course goals
Installing the course data
Training Services account credentials
Icons used in this workbook
Understanding the ArcGIS platform

1 Getting started with ArcGIS Pro

Lesson introduction
ArcGIS Pro interface and structure
ArcGIS Pro and the ArcGIS platform
ArcGIS Pro structure
Comparing ArcMap and ArcGIS Pro
Exercise 1: Explore ArcGIS Pro functionality
   Start ArcGIS Pro without a template
   Add a map and layers
   Navigate the map
   Modify layer symbology
   Select and explore features
   Select features by attributes
   Select features by location
   Save a project
Lesson review
Answers to Lesson 1 questions

2 Sharing resources using ArcGIS Pro

Lesson introduction
Project templates
Exercise 2A: Import an ArcMap document
   Import a map document into ArcGIS Pro
   Explore the imported document
   Add a folder connection
   Add styles
   Create a project template
   Apply a project template
What is an ArcGIS portal?
3 Editing features and attributes

Lesson introduction
Schema review
ArcGIS Pro editing environment
Exercise 3A: Edit schema
  Create a project
  Create a feature class
  Modify fields
  Create a domain
  Apply a domain to a field
  Create subtypes
Review of schema editing concepts
Editing review
Basic editing
Exercise 3B: Edit features and attributes
  Find the area of interest
  Prepare the editing environment
  Create features using measurements
  Update attributes
  Modify vertices
  Calculate a field
Lesson review
Answers to Lesson 3 questions

4 Symbolizing and displaying data

Lesson introduction
Symbology review
Symbolizing layers
Exercise 4A: Modify symbology and the display of layers
  Create a map and add layers
  Change layer display properties
  Symbolize using unique values
  Symbolize using graduated colors
  Change classification properties
  Symbolize a point layer
  Set scale ranges for layers
Labeling
Exercise 4B: Label features
  Set basic labeling properties
  Set scale ranges for labels
  Create label classes
  View the labeling summary
  Convert labels to annotation
Checkpoint
Vector tile layers
Exercise 4C: Create and share a vector tile package
  View map properties
  View layer properties
  Build vector tiles
  Add a tile package to a new map
  Challenge: Share a vector tile package
Lesson review
Answers to Lesson 4 questions
Exercise 4C challenge solution

5 Displaying raster data

Lesson introduction
Raster display
Raster functions
Displaying raster data
Exercise 5: Symbolize rasters and use raster functions
  Modify raster symbology
  Derive surfaces using raster functions
  Use a raster function to create a composite raster layer
  Use a raster function to create an NDVI
  Interpolate a peak ground acceleration surface
  Create a map package
Lesson review
Answers to Lesson 5 questions

6 Working with 3D data

Lesson introduction
3D for display and analysis
Local and global scenes
Choose the correct type of scene
Scene elevation source
Displaying data in 3D
Exercise 6: Visualize data in 3D
  Add a map and layers
  Convert a map to a scene
  Add an elevation source
  Extrude a layer
  Display 3D models
Lesson review
Answers to Lesson 6 questions

7 Performing analysis

Lesson introduction
ArcGIS Pro analysis methods
Using ArcMap resources in ArcGIS Pro
Exercise 7A: Perform spatial analysis
  Import a map document
  Create a model
  Select the county
  Add the Clip tool to the model
  Add the Intersect tool to the model
  Add the Spatial Join tool to the model
  Add the Erase tool and run the model
  Explore and symbolize the surge layer
  Select shelter candidates 5 kilometers from the storm surge
  Symbolize schools based on storm surge
Map layouts
Exercise 7B: Create a map layout
  Prepare the map page
  Add a map frame and title
  Add a north arrow
  Add a scale bar
  Add a legend
  Add a grid
  Add another layout to the project
Appendices

Appendix A: Esri data license agreement
Appendix B: Answers to lesson review questions
Appendix C: Additional resources