



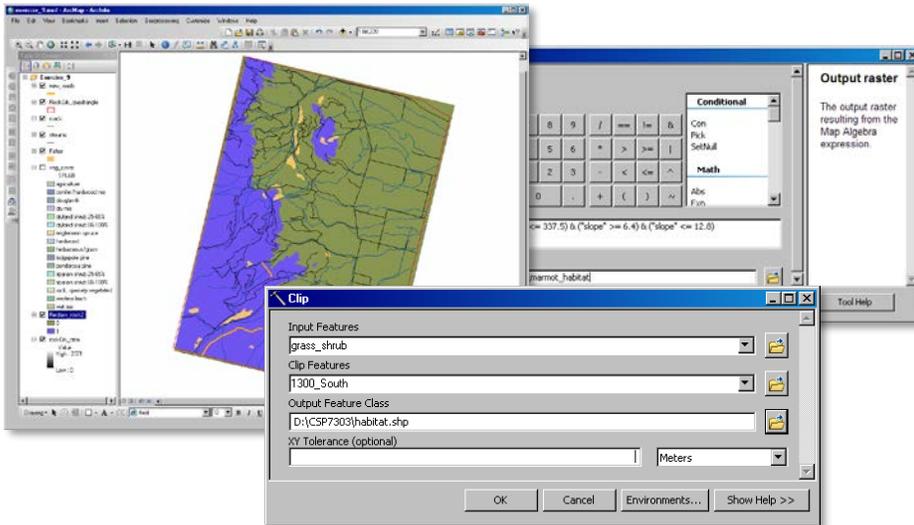
National Conservation Training Center

Training Announcement

GIS Intermediate - CSP7204

Description

The GIS Intermediate course is the next logical progression after mastering the fundamentals of ArcMap. This 4.5-day course develops essential GIS skill sets and methodologies that will help conservation practitioners manage spatial data, perform spatial analyses and automate tasks. Concise presentations are followed by real world lab exercises with data from the field. Students will be introduced to data management best practices, data preparation, Geoprocessing tools and how to acquire the appropriate raster data for their project. Students will also learn how to automate complex processing steps using Model Builder and learn how to share their data and maps with other cooperating programs and partners on-line.



Objectives

Upon completion of this course, you will be able to:

- ✓ Identify and repair spatial reference issues commonly associated to geospatial data sets
- ✓ Manage spatial and tabular data with Geodatabases
- ✓ Import data from other programs such as R and MS Access
- ✓ Explore and utilize ArcToolbox to locate specific Geoprocessing tools
- ✓ Employ basic Geoprocessing overlay and extraction techniques
- ✓ Explore and utilize the Model Builder interface to build simple to complex models
- ✓ Identify and acquire raster data sets used for and land cover classification and habitat analysis
- ✓ Share geospatial data and maps using Google Earth and ArcGIS on-line
- ✓ Build expressions in Raster Calculator to create new raster layers

Date

August 21-25, 2017

Location

NCTC, Shepherdstown, WV.

Prerequisites

CSP7100 or proficiency with ArcMap 10.x

Who Should Attend

Biologist, Ecologist and Planners

Course Length

4.5 days

Tuition

Free for FWS, BLM and NPS employees. All others \$1,195.00

To Register

Search the DOI Learn catalog for CSP7204

Course Contact

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“ This course offering will provide me with the crucial skills to move us forward on the development a suitability model for many of our trust species – it’s just what I needed”