U.S. Fish & Wildlife Service

National Conservation Training Center

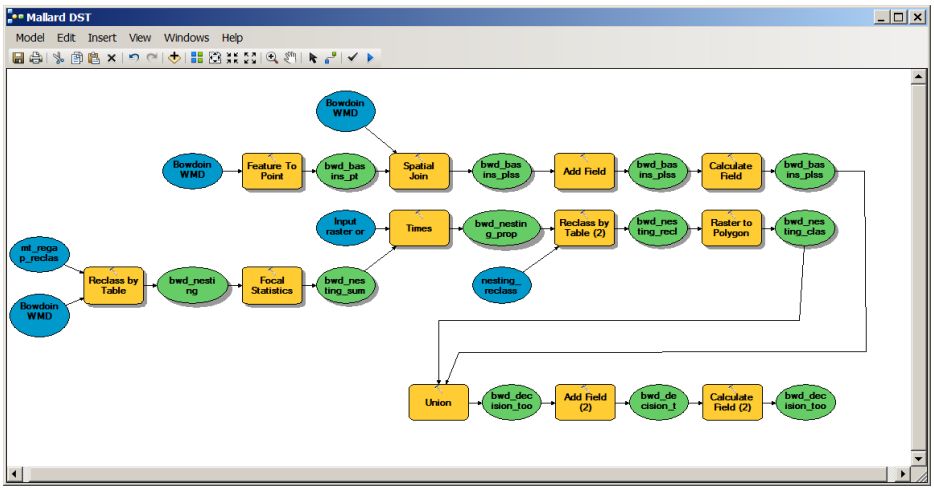
Training Announcement

GIS Advanced

CSP7300

Course Description

This is "The Big Kahuna" of all our GIS classes. It's a synthesis of modeling, ecological and geospatial data analysis, programming and automation of common GIS tasks. You are required to bring a project to class. Sixty-percent of the class is instructor led learning and computer exercises, the remaining time is dedicated to project consultations and open lab. Class content will vary for each offering in response to changing software, improved methods and rotating instructor pool.



Objectives

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

- ✓ Incorporate R and Python script into your workflow to automate tasks and perform spatial analyses.
- ✓ Use ESRI ModelBuilder to automate tasks and create species distribution maps.
- ✓ Use open-source software (e.g., QGIS, GRASS and R) to improve your GIS and data analysis workflows.

Dates & Location
March 10-14, 2019 @ NCTC

Prerequisites
GIS Intermediate (CSP7204)

Who Should Attend
GIS professionals, data managers and quantitative biologists.

Course Length
4.5 days

Tuition
Free for FWS, BLM and NPS employees, all others the cost will be $1,195.00.

To Register
Log in and search the DOI Learn catalog for **CSP7300**

Course Contact
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"I really enjoyed the open environment of the class. There were several instructors of various backgrounds. They each had a niche which they specialized in and could really help students gain skill and knowledge."