



# Statistics and Modeling

*These courses build skills in population modeling, biological monitoring, and quantitative assessments needed to support conservation decisions. Participants learn about the modeling process including how to think like a modeler, run popular modeling software, and interpret results from models.*



## Introductory Courses

- Data Wrangling  
CSP1004
- Field Data Management using MS Access  
CSP1003
- Making Sense of Biological Data with R  
CSP4200
- Modeling Principles for Natural Resources Management, *Beginner*  
CSP3156a

## Intermediate Courses

- Fish Population Dynamics and Assessment  
CSP2300
- Modeling for Endangered Species Management  
CSP2304
- Modeling Principles for Natural Resources Management  
CSP3156b
- Statistical Modeling for Conservation  
CSP4210

## Advanced Courses

- Conservation Area Design using Marxan  
CSP4250
- Design and Analysis of Biological Monitoring  
CSP4230
- Occupancy Modeling  
CSP4141
- Species Distribution Modeling for Conservation  
CSP4220

SWS/MS

NCTC CLASSROOM   
 FIELD LOCATION  
 LIVE AND ONLINE   
 ANYTIME ONLINE