Fishery Applications of GIS II

Course Topics

Fish Density Mapping, Biomass, Species Distribution, Mapping/Modeling CPU, Benthic Habitat Modeler, Correlation with Environmental Variables, Interpolating Point Data & more!!

TOPICS COVERED

Mapping/Modeling Optimal Habitat Determination

- Correlation with Environmental Variables Seasonal Optimal Habitat Determination for CPU Recommendation
- Graphing Seasonal Habitat Data
- Seasonal Comparison of Fish Habitat Maps (Using the Map Comparison Kit)

Biomass Mapping

- Converting Vector Polylines to RasterConverting Vector Points to Raster
- Reclassifying Raster/Grid DatasetsUse Tabulate Areas Command in Spatial Analyst Tools
- Calculation of Relative Biomass

Advanced Point Data Integration Methods

- Density Mapping I: Estimate Density for Fish Population
- Density Mapping II: Estimate Density Using Attributes
- Species Distribution Mapping
- Random Sample Selection Tool
- Extracting Point Data from Raster

Contact Us

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