



American Fisheries Society
2008 Western Division Annual Meeting



Basic GIS Techniques for Fish Biologists

May 4, 8am-5pm

\$90

Instructor: Joanna Whittier, Kansas State University, AFS Computer Users Section

This one-day course is designed to provide basic skills in using Geographic Information Systems for fisheries biologists. The course will teach participants basic GIS skills using examples common to fisheries problems. These skills include importing a base map and other map layers; creating data tables and importing data from other sources; creating point, line, and polygon themes; and an overview of map projections and map coordinate systems.

Workshop topics will include:

- Maps, map coordinates, map projections.
- GIS, map layers / themes, layer types (point, line, polygon), and formats (vector, raster).
- Databases, spreadsheets, text files, geo-referencing data, adding and converting coordinates, record organization, exporting / importing data, and creating data tables