

GIS workshop outline (Feb 22rd 11:30- 2:30)

11:30 Welcome and Introduction

11:40 Short Introduction to GIS

11:50 Geospatial Data: Three types of data and data models
Data resources

12:00 What is ArcGIS

12:10 Introduction to ArcMap (interface and toolbars)

12:30-1:20 ArcMap Exercise (step by step)

Table of contents and layer control and modify symbols

Types of ArcGIS files (map documents, shape files, layer file, coverage, and geodatabase)

Navigation tools (zoom in/out, bookmarks, identify, find, select features, etc)

Projection

Layout design (layout tools and insert maps)

Exporting and printing maps

1:20 Introduction to ArcCatalog (browse/manage data and database, preview data and attributes, create/view metadata)

1:35 Associating Tables (joins and relates tables/ issues with data joins) and thematic map design (map symbology, labeling, and classification)

1:35--2:20 Exercise of data joining and thematic map design

2:20 Q &A

(Last modified: 02/19/10)