



# **GIS Tools and Methods for Assessors I**

*An InfoGeographics Training Program Course  
(6 hours of elective education renewal credit for Michigan assessing officers)*

## **Course Overview**

*GIS Tools and Methods for Assessors I* is a 2-day course that combines basic GIS software training with tools for connecting to and extracting assessing databases into mapping systems.

This course provides a foundation for becoming a successful ArcGIS user. Participants learn fundamental GIS concepts and become familiar with the range of functionality available in ArcGIS using IGI-developed materials. Hands-on course exercises provide practical experience with ArcGIS Desktop and demonstrate how ArcGIS provides a complete GIS software solution.

Participants gain training and experience in the use of GeoConnector, the leading application for connecting to and extracting data from many organizations' databases, including BS&A's Equalizer Assessing System used widely by assessors throughout Michigan.

This course empowers participants to effectively visualize and analyze assessing database information using GIS and digital mapping technology.

## **Topics Covered**

- ArcGIS Overview: capabilities and applications; interacting with the various interfaces.
- Spatial Data Concepts: representing spatial data and descriptive information.
- Accessing and Displaying Data: understanding the interface.
- Exploring and Symbolizing Data: symbolizing and labeling data.
- Integrating Data: projections, coordinate systems and georeferencing.
- Query and Analysis: data examination, selection methods.
- Maps: basic map elements, creating, symbolizing and scaling.
- Graphs and Reports: data based graph and report generation
- GeoConnector Overview and Interfaces
- Available Data Sources
- Field Configuration
- Joining Data
- Calculating New Fields
- Defining Queries/Filtering
- Data Output Options
- Join Evaluation
- Saving Sessions
- Scheduling Sessions



## **Participants Receive**

- 6.0 hours of SAB elective education renewal credit for Michigan assessing officers.
- 2 full days of hands-on training by an experienced GIS instructor.
- *GIS Tools and Methods for Assessors I* workbooks with exercises.
- Personal, 30-day trial versions of GeoConnector software and ArcGIS ArcView by request.