

Analysis and Geoprocessing: Geocoding—An Introduction

Goals of the workshop

- Describe the basic concept and use of geocoding.
- Explain how to create spatial locations from addresses.
- Describe the process of creating address locators in ArcCatalog.
- Demonstrate how to convert addresses into point features on a map using an address locator in ArcMap.
- Describe the geoprocessing tools for geocoding.

Major topics covered

- The concept of geocoding: Its basic process and application.
- Understanding the required components for geocoding.
- Working with ArcCatalog to create address locators: Prepare data, select address styles, and set parameters.
- Using address locators to find locations of addresses in ArcMap.
- Exploring methods to improve matches and rematch addresses: Review and rematch unmatched addresses using the Interactive Rematch dialog box and Pick Address From Map tool.
- Understanding the results of geocoding and methods to improve the matching rate.
- Exploring the new geocoding toolbar in ArcMap.
- Using the new tool (Address Inspector) to return address from a point.
- Exploring geocoding geoprocessing tools.