

Analysis and Geoprocessing: Geocoding—Advanced Techniques

Goals of the workshop

- Describe best practices of working with address data in ArcGIS 9.3.
- Explain methods for achieving higher address matching rates.
- Present the concepts and workflow of address validation and cleaning.
- Describe the best practices for achieving maximum geocoding performance.

Major topics covered

- Understanding address validation and address cleaning workflows.
- Handling unmatched addresses: Reviewing geocoding results; using Rematch Addresses and Pick Address tools.
- Improving reference data: Using results of the interactive rematch for creation of point address data and alternate street names; use composite locators for working with multiple reference data sources.
- Improving display of geocoding results: Disperse overlapped points with ArcMap; use advanced symbology settings.
- Handling very large reference datasets: Sorting data for faster locator creation; managing amount of memory used by locators; data vendor data-specific considerations.
- Geocoding large address tables: Preparing the data; use of locator performance options.
- Discussing common pitfalls: Use of spatial reference; composite address; locator configuration.