



## Building Geodatabases

Duration: 3 Days (24 Hours)

### Achieve smart, simplified data management.

Master essential geodatabase concepts and acquire the skills you need to create a geodatabase, add data to it, and model the real-world spatial relationships inherent to your data. You will learn how to take advantage of geodatabase features, create a geodata service to share a geodatabase with desktop, web, and mobile users. Maintain the integrity of your GIS data over time.

*Note:* This course is taught using ArcGIS Desktop Advanced (ArcMap). Course concepts apply to file-based and multiuser geodatabases and to ArcGIS 10.4, 10.5

### Goals



**Organize** geodatabase data for display and editing.



**Add** rules and behaviours to ensure the spatial and attribute integrity of geographic data.



**Use** a template data model for geodatabase design.



**Create** a geodata service to share a geodatabase with desktop, web, and mobile users.

### Who should attend?

GIS analysts

GIS Specialists

Data operators

Database administrators

#### Suggestion

Completion of **ArcGIS II: Essential Workflows** or **ArcGIS Standard** or equivalent knowledge.  
E-learning equivalent knowledge Getting Started with the Geodatabase

#### Software

Esri will provide the following software to use during class:

- **ArcGIS Desktop 10.5 (Advanced)**
- **ArcGIS Server**
- **SQL Express**