Image Analysis with ArcGIS

Duration: 2 Days (16 Hours)

Transform pixels into information.

Learn best practices and workflows to enhance visualization and extract meaningful information from satellite imagery, lidar, and other remotely sensed data. This course covers dynamic raster processing options available in ArcGIS and takes you on an in-depth exploration of image classification.

Note: Course concepts apply to ArcGIS 10.4, 10.5, and 10.6. Esri will provide ArcGIS 10.6 software for use during class. ArcMap is used in course exercises.
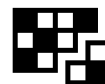
Goals

Better distinguish surface features by adjusting image properties.	Create a multispectral image from multiple single-band images.	Visualize surface characteristics with NDVI, hillshade, and shaded relief functions.	Save image processing output to a layer or file.

Who should attend?

GIS Analysts   **GIS Technical Leads**   **GIS Professionals**

Suggestion	**Software**
Completion of **ArcGIS 2: Essential Workflows** or **Using ArcGIS for Geospatial Intelligence** or equivalent knowledge.	Esri will provide the following software to use during class: • **ArcGIS Desktop 10.5 (Standard or Advanced)**