



Imagery

Exploring ENVI Analytics

Duration: 4 Days (32 Hours)

Extract features from your images.

Master the core functionality of ENVI software and get the basics of topics such as object-oriented feature extraction using ENVI’s Feature Extraction module, Unsupervised and supervised classification, Principle Component Analysis, Pre-processing Multispectral Data (Calibration & Atmospheric Correction) and many more. You will also be introduced hyperspectral data analysis. The course combines a mixture of lectures and hands on exercises, and incorporates data from various multispectral, hyperspectral and radar sensors, including QuickBird, AVHRR, SPOT, Landsat, TMS, and USGS Digital Elevation Models.

Goals



Efficiently read and manage raster dataset and different formats.



Extract feature using rule-based classification and editing vector layers.



Visualize hyperspectral images and perform analysis.

Who should attend?

GIS Analysts

Image Scientists

GIS Professionals

Suggestion

Completion of [Introduction to ENVI Analytics Online](#) or equivalent knowledge.

Software

Esri will provide the following software to use during class:

- **ENVI 5.1**