

ENVI Courses Catalog:

Course Name	Course Details
Introduction to ENVI Analytics	<ul style="list-style-type: none"> ▪ Mastering the Basics ▪ Image Display Concepts and Introducing Vectors. ▪ Burn Severity and Ecological Risk Assessment. ▪ Pre-processing Worldview 2 Data. ▪ Exploring and Understanding SWIR Data. ▪ Thematic Change of Agricultural Plots in Indiana. ▪ Classification Using the ROI Tool in ENVI. ▪ Mapping Gulf Coast Erosion with Feature Extraction and Thematic Change Detection. ▪ Developing an Urban Map of Al-Fallujah, Iraq. ▪ Seamless Mosaic of Haiti Port Area. ▪ Hyperspectral Target Detection and Material ID. ▪ Image Transforms and Exploring Hyperspectral Data.
ENVI Classic	<ul style="list-style-type: none"> ▪ Interactive Display Functions. ▪ Classification Methods. ▪ Landsat TM and SPOT Data Fusion. ▪ Landsat TM and SAR Data Fusion. ▪ Image Georeferencing and Registration. ▪ Rigorous Orthorectification. ▪ Mosaicking in ENVI. ▪ Map Composition.
ENVI Other tools	<ul style="list-style-type: none"> ▪ The DEM Extraction. ▪ Working with NITF Data.

Course Name	Course Details
	<ul style="list-style-type: none"> ▪ Viewshed Analysis Tutorial. ▪ Feature Extraction with Example-Based Classification Tutorial. ▪ Feature Extraction with Rule-Based Classification Tutorial.
Introduction to ENVI LiDAR	<ul style="list-style-type: none"> ▪ Oahu, Hawaii. ▪ Port-Au-Prince, Haiti. ▪ Boulder, Colorado. ▪ Generate Point Clouds Tutorial.
Advanced ENVI® Spectral Analytics	<ul style="list-style-type: none"> ▪ Preprocessing: Atmospheric Correction. ▪ Examining Spectra and Using Spectral Libraries. ▪ Extracting Data Endmembers. ▪ Whole Pixel Analysis Techniques. ▪ Sub-pixel Analysis Techniques. ▪ Target Detection Tools. ▪ Image Transforms and Exploring Hyperspectral Data.

Note:

- Minimum class number is 5 participants.