

## GLOSSARY

<b>ASTER</b>	Advanced Spaceborne Thermal Emission and Reflection Radiometer. A high resolution imaging instrument that is flying on the Terra satellite as a part of NASA's Earth Observing System (EOS).
<b>AVHRR</b>	Advanced Very High Resolution Radiometer is used for remotely determining cloud cover and surface temperatures.
<b>CIR</b>	Color Infrared
<b>DAAC</b>	Distributed Active Archive Centers - NASA data distribution program.
<b>DEM</b>	Digital Elevation Model
<b>DOQQ</b>	Digital Ortho Quarter Quad
<b>EO-1</b>	Earth Observing Mission
<b>ETM+</b>	Enhanced Thematic Mapper Plus is the latest sensor in the Landsat Program.
<b>FSA</b>	Farm Services Agency
<b>Georeference</b>	The process of registering images or other GIS data in a coordinate system.
<b>IFSAR</b>	Interferometric Synthetic Aperture Radar
<b>IKONOS</b>	A high resolution, earth imaging satellite launched by Space Imaging in 1999.
<b>Landsat</b>	A series of Earth-observing satellites managed by NASA and the USGS. Landsat satellites have been acquiring imagery since 1972 to the present.
<b>LiDAR</b>	Light Detection and Ranging. A lidar instrument transmits light and measures the length of time it takes to reflect back. This measurement is used to determine the distance each point of reflection is from the instrument, which can be translated into elevation of each point.

<b>MODIS</b>	Moderate Resolution Imaging Spectroradiometer is a NASA instrument that is acquiring data to improve our understanding of global dynamics and processes occurring on the land, in the oceans, and in the lower atmosphere.
<b>NALC</b>	North American Landscape Characterization is a derivative Landsat product consisting of co-registered image triplicates from the 1070's, 80's, and 90's.
<b>NC</b>	Natural Color
<b>NDVI</b>	Normalized Difference Vegetation Index is a numerical indicator used to analyze with a remotely sensed image contains live green vegetation or not.
<b>NLCD</b>	National Land Cover Data
<b>NYSDOP</b>	New York State Digital Orthoimagery Program
<b>Orthorectify</b>	The process of correcting imagery for photogrammetric and terrain distortions.
<b>Quickbird</b>	A high resolution (sub-meter), earth imaging satellite launched by Digital Globe in 2001.
<b>Panchromatic</b>	Refers to black and white image photographic film that is sensitive to all wavelenths of visible light.
<b>Pan Sharpen</b>	The process of integrating (fusing) panchromatic data at higher resolution into multi-spectral data at lower resolution to improve image visualization and analysis.
<b>RS</b>	Remote Sensing
<b>SPOT</b>	A high resolution, earth imaging satellite launched by SPOT Image in 1986.
<b>TM</b>	Thematic Mapper is a sensor on board Landsat 4 and 5 satellites.
<b>USDA</b>	United States Department of Agriculture
<b>USGS</b>	United States Geological Survey