

Attributions

Sensor Platforms, Image Processing Basics, Band Ratios, and Transformations

- **High Resolution Air Photo Example**
Created by the author using public domain high-resolution aerial photography collected in 2009, Nathan Jennings is the primary contact for this image and it is public domain as part of the Creative Commons CC BY 3.0 license: <http://creativecommons.org/licenses/by/3.0/>.
- High resolutions images from the City of Sacramento. The right image is from a 2011 collection. The image on the right is from a 2009 image collection. All image data is public domain and be accessed by contacting the author, Nathan Jennings at the City of Sacramento, or through the USGS National Map Viewer. A Creative Commons CC BY 3.0 license applies: <http://creativecommons.org/licenses/by/3.0/>.
- **Landsat 7 Image, July 28, 2001**
<http://atlas.ca.gov/imagerySearch.html>
Accessed on Feb 3, 2013. Author created this overview image for this slide from the source imagery. This image can be used as part of the Creative Commons CC BY 3.0 license: <http://creativecommons.org/licenses/by/3.0/>.
- **QuickBird Example**
http://gdsc.nlr.nl/gdsc/en/information/earth_observation/sensor_examples/multispectral
Accessed on Feb 3, 2013
- **San Francisco Bay 2007 oil spill**
<http://visibleearth.nasa.gov/view.php?id=36104>
RADARSAT sample accessed from the Visible Earth website from NASA.
Accessed on Feb 3, 2013.
- **Shuttle Imaging RADAR sample**
<http://southport.jpl.nasa.gov/>
<http://southport.jpl.nasa.gov/pio/srl2/sirc/srl2-wadik.html>
Image for slide was created by the author based on imagery ordered from NASA JPL. This imagery is public domain as per NASA release. See website for more details. Website accessed Feb 3, 2013.
- **LiDAR example**
Created by the author using public domain LiDAR data collected in 2004. Nathan Jennings is the primary contact for this image and it is public domain as part of the Creative Commons CC BY 3.0 license: <http://creativecommons.org/licenses/by/3.0/>.
- **Lidar Operation**
<http://lidar.cr.usgs.gov/earl/>
Accessed Feb 18, 2013

- LiDAR examples**
 Images derived from raw LiDAR data by the author, Nathan Jennings. These screenshots are provided as part of the Creative Commons CC BY 3.0 license:
<http://creativecommons.org/licenses/by/3.0/>.
- AVIRIS Hypercube Example of Moffett Field**
<http://www.ltid.inpe.br/html/pub/docs/html/imcube.htm>
 Accessed Feb 3, 2013
- Hyperion sample image**
http://eo1.gsfc.nasa.gov/new/general/imagery/Imagery/Aspen_Fire-Hyp-fullHyperAspen.jpg
 Accessed on Feb 3, 2013.
- Spectral Curve**
 Viewing1.jpg
<http://erdas.wordpress.com/2007/12/30/2-viewing-and-investigating-features/#more-6>
 Accessed on Feb 3, 2013
 All other images are created by the author, Nathan Jennings. Satellite imagery is from public domain sources. CalAtlas, Landsat 7 Image, July 28, 2001.
<http://atlas.ca.gov/imagerySearch.html>
- Screen shots of ArcGIS interface for Image Analysis Window, ArcToolbox Raster Calculator, ModelBuilder, and Python scripting IDLE interface. All of the images are available under the Creative Commons CC BY 3.0 license: <http://creativecommons.org/licenses/by/3.0/>.
- Polar and geosynchronous orbits** (two different images)
<http://spaceplace.nasa.gov/geo-orbits/>
 Accessed Feb 24, 2013
- Lesson 3 – Section, Using Software to Process Remotely Sensed Imagery, All images are created by the author, Nathan Jennings. Satellite imagery is from public domain sources. CalAtlas, Landsat 7 Image, July 28, 2001. <http://atlas.ca.gov/imagerySearch.html>
 Screen shots of ArcGIS interface for Image Analysis Window. All of the images are available under the Creative Commons 3.0 license.
- Lesson 3 – Section, Band Ratios and Transformations, All images are created by the author, Nathan Jennings. Satellite imagery is from public domain sources. CalAtlas, Landsat 7 Image, July 28, 2001.
<http://atlas.ca.gov/imagerySearch.html>
- Screen shots of ArcGIS interface for Image Analysis Window, ArcToolbox Raster Calculator, ModelBuilder, and Python scripting IDLE interface. All of the images are available under the Creative Commons CC BY 3.0 license: <http://creativecommons.org/licenses/by/3.0/>.