

High Spatial Resolution Commercial Imagery Workshop

November 8-10, 2004



JACIE Future

- Support Commercial Remote Sensing Policy (CRSP)
 - Take advantage of CRSP near-term requirements data to influence priorities
 - Increases confidence in U.S. commercial sources in the marketplace
 - Showcases successful applications
 - Provides a model of government/industry cooperation
- Demonstrate relevance of JACIE to US role in terrestrial monitoring including water and carbon cycle monitoring
- Prepare for the next-generation of higher-resolution US commercial satellites
- Broaden scope to include all commercial sensors useful to the U.S. base
 - National or international
 - Aerial or satellite
 - Optical, Light Detection And Ranging (LiDAR), Interferometric Synthetic Aperture Radar (IfSAR), hyperspectral, multispectral, etc...

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USGS
science for a changing world

JACIE Future

- Understand and characterize new sensors
- Document of JACIE quality processes
- Consider more of an applications focus, e.g., hazards/risk mgt.
- Support new applications and understanding of remotely sensed data
 - Provide tools and applications
- Help agencies use remotely sensed information
- Publish results

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JACIE Support

- **Support new applications and understanding of remotely sensed data**
 - Extracting Impervious Surface Info from Multi & Hyperspectral Data
 - Defining Landscape Characteristics from Remote Sensing Data in Support of Human Health Investigations
 - Development of Remote Sensing Technologies for other sensors
 - Multi-sensor applications for Landscape and Regional Quantification of Climate Change Impacts and Carbon Dynamics
 - Mapping Invasive Species with Hyperspectral Data
- **Help agencies use remotely sensed information; such as,**
 - Analysis of Hydrologic Derivatives from high resolution data
 - Subsidence Studies of Coastal Regions
 - Monitoring of Earthquake, Volcano, & Landslide Processes
 - Analysis of High Resolution Data for Extracting Land Surface Information
 - Predicting Soil Suitability for Application of Coal bed Methane Produced Water

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Thank you for a Great Workshop

- CRS Space Imagery Companies
 - Space Imaging
 - DigitalGlobe
 - ORBIMAGE
- NASA, NGA, and USGS, and their partners
- JACIE presenters and poster developers

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Special Thanks

- JACIE Conference Support Team
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 - Mary Pagnutti
- JACIE Session Chairs –Terry Lehman (NGA) , Mike Duncan (USGS), Mary Pagnutti (NASA), Vicki Zaroni (NASA), Spencer Roylance (NGA)
- JACIE Host
 - USGS and USGS support staff