

2008 Civil Commercial Imagery Evaluation Workshop

*A pictorial review of the
Seventh Annual JACIE Workshop*

*Sponsored by the
Joint Agency Commercial Imagery Evaluation
(JACIE) Team*

*(Our apologies that we do not have photos of every
speaker or every conference event)*



Ready for the guests to arrive.



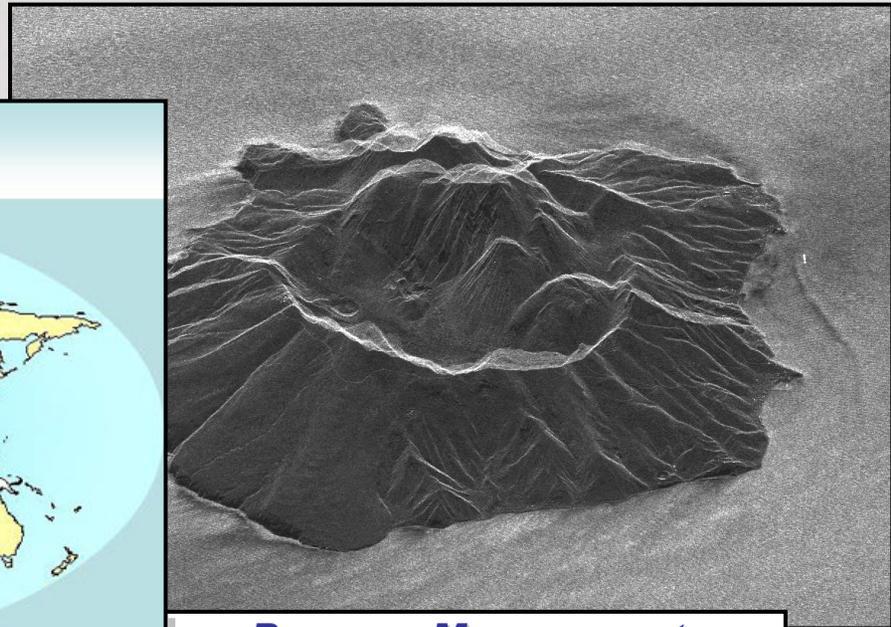
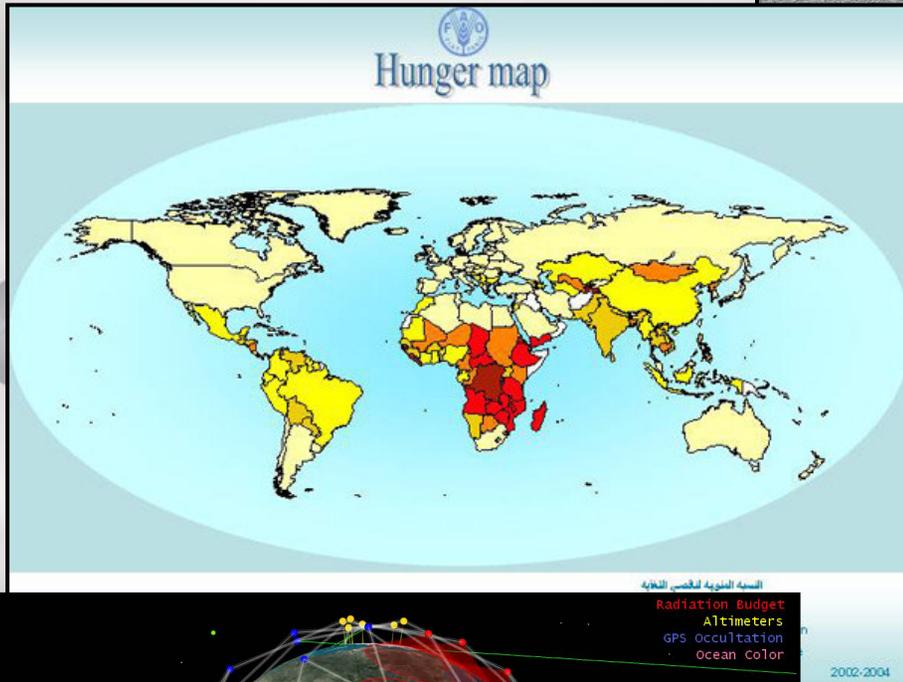
Signing in



Greg Stensaas - welcoming the attendees

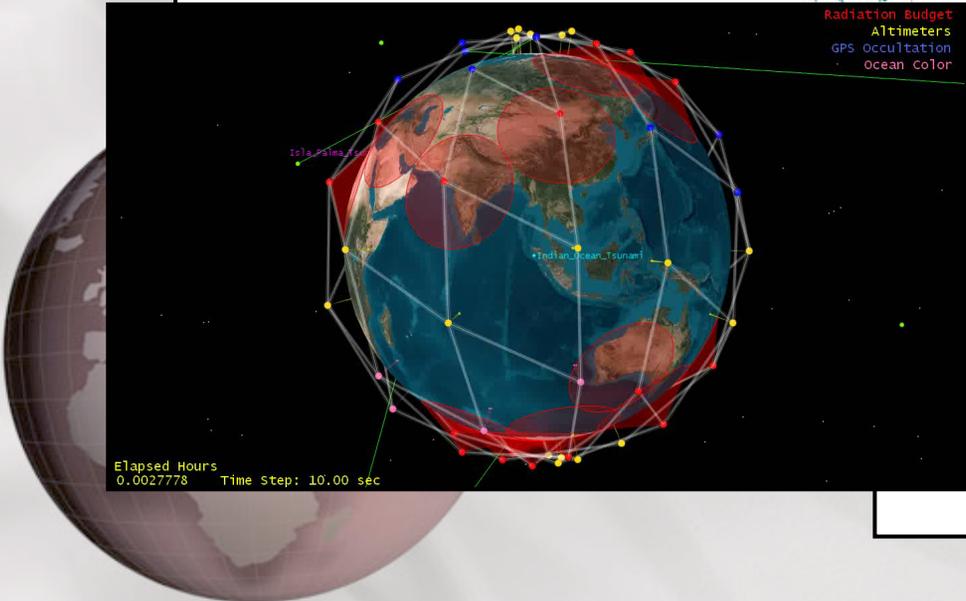


Tuesday Morning Session
Future of Remote Sensing



Program Management Options if Landsat is not Available

Option	Relative Frequency
Use other moderate resolution data	High
Use lower resolution data	Medium-High
Collect data less frequently	Medium
Discontinue the program which relies on using Landsat	Low
Other	Very Low



Dr. Gene Whitney - *Office of the President, Office of Science and Technology Policy*
The Future of Land Imagery and US Global Earth Observation



Douglas Muchoney - GEO / GEOSS - GEO Secretariat

An Evolving Business Model for Commercial Imagery: How Will GEOSS Help?



Kass Green – *President-Elect ASPRS*
Future of Remote Sensing and Land Imaging Surveys



Brad Doorn - *USDA*

Expanding the Use of Land Imaging for Agriculture Decision Making:
The Global Agricultural Monitoring (GLAM) Partnership



Dr. Stefan Buckreuss - DLR

The German Radar Mission TerraSAR-X



Tuesday Afternoon Session
Government Overview



Barbara Ryan – *USGS, Associate Director for Geography*
Interior's Role in Terrestrial Earth Observations



Corena Alexander — NGA, Deputy Chief, Sensor Assimilation Division, ASX,
Acting Branch Chief, Commercial Data Integration Branch, ASXC
Commercial Remote Sensing



Glenn Bethel — *USDA, Remote Sensing Advisor*
An Overview



Dr. Stephen Unger - NASA

An Overview



Eve Douglas – NOAA NESDIS
NOAA's Use of High-Resolution Imagery



Land Imaging Panel Discussion

L-R: Kay Weston, **NOAA NESDIS**; Corena Alexander, **NGA**; Glenn Bethel, **USDA**; Barbara Ryan, **USGS**; Dr. Stephen Ungar, **NASA**; and Kass Green, **ASPRS**



Bruce Hogan and Thilanka Galappaththi – *Applanix*

- High Altitude Tactical Mapping with Applanix DSS (Digital Sensor System)
- GNSS-Aided Inertial Navigation for Direct Geopositioning of Digital Airborne Imagery



Dr. Mostafa Madani – *Chief Photogrammetrist & Product Manager Manager– NOAA NESDIS*
DMC System – Features & Benefits



Dmitry Varlyguin – *GDA Corp*

Feature Mapping and Decision Support with Digital and Analog Air-borne Data Mesh



Len LeFeir – *Booz Allen Hamilton*
Commercial Airborne Initiatives



Michael Gruber – *Microsoft Photogrammetry, UltraCamX*
Large Format Digital Aerial Camera



John Mootz / Zack Adkins – *USDA FSA*

- USDA - FSA National Agriculture Imagery Program
- Geospatial Data and the APFO: Past, Present, and Future



Craig Molander and Scott Merritt – *Surdex Corporation*
Practical Experience with Image Metrics for Aerial Products



Dr. Eric Warner – *Pennsylvania State University*

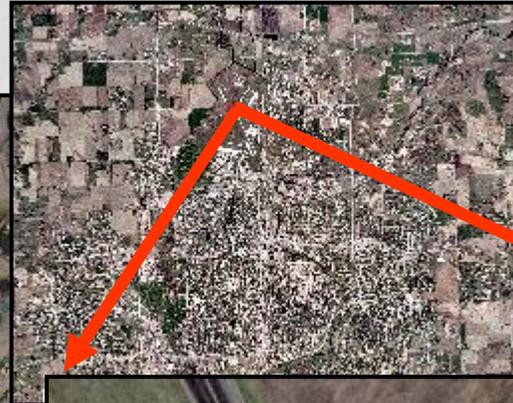
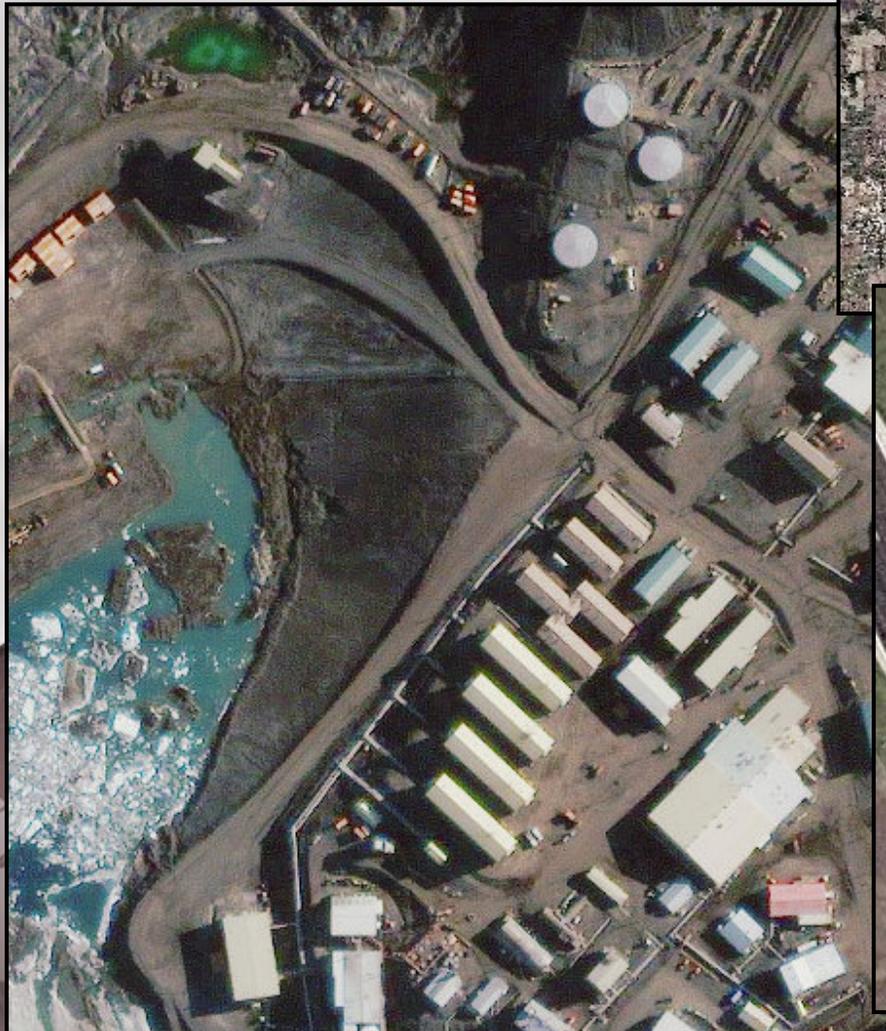
Application of NAIP Imagery for Visual Interpretation of Land Cover/Impervious Surface Mapping



Critical Support Provided By:

-  Penn State Applied Research Laboratory (Research Support/Conference Travel)
-  PA Geological Survey (State Govt. Geospatial Advocate, Data Generation & Web Applications)
-  Lancaster County GIS Department (Provided Impervious Surface Reference Data)
-  Center for Environment & Heritage
-  Department of Geography (GIS Director: Peter Hirt www.pennstate.edu/whi)
-  Penn State Spatial Data Access (www.pennstate.edu/whi)

Wednesday Afternoon Session
High Resolution Imagery



Rani Hellerman – *ImageSat International*
EROS B –Operational Experience, Second year of operation



Dr. Byron Smiley – *DigitalGlobe*
The Absolute and Relative Geolocation Accuracies
of QB02 and WV01



Gyanesh Chander – SAIC / USGS

Geometric Characterization of TopSat and Beijing1 Satellites



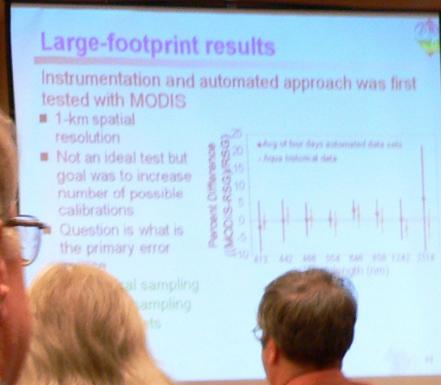
Gene Dial – *GeoEye*

Remote Sensing & Production Services at GeoEye—A Look at Present Performance and Future Systems



Kurt Thome – *University of Arizona*

Assessment of the Automated Ground-based Vicarious Calibration Method using High-Resolution Commercial Sensors



Charles O'Hara – *Mississippi State University*

Evaluating the Accuracy and Characteristics of Commercial Satellite Image Data for Map Modernization and Maintenance Using Map Accuracy Tools



Michael Hales – NGA
A Focus on Global Transparency

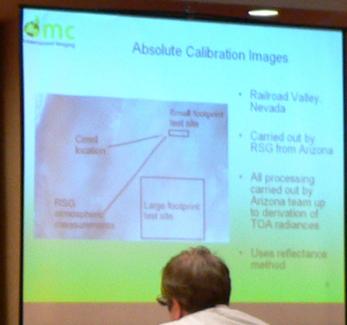


Satish Srivastava – RADARSAT-1

Image Quality and Calibration Performance Maintained Beyond 12 Years of Operation



Stephen Mackin – *DMCii*
Constellation Calibration for Commercial Application support



Gyanesh Chander – SAIC / USGS
Catalog of World-wide Test Sites for Sensor Characterization



Julio Dalge – *INPE*

Radiometric and geometric quality of CBERS-2B images

Status of CBERS-2B data reception, archiving, processing, and distribution



Dr. Shawana P. Johnson – *Global Marketing Insights, Inc./ Antrix Ltd. Data*

Timothy Puckorius – *EOTeC ./ Antrix Ltd. Data*

Resourcesat and Cartosat – ASRC Management Services Exclusive Distributors for Antrix –
Current and Future Missions



Robert Tetrault – *USDA*

Access and Availability of Resourcesat-1 AWiFS Data for Agriculture



Claire Boryan – *USDA/NASS/RDD*

Research to Operational: A Paradigm Shift for Remote Sensing Based Acreage Estimates



Paul Stephens – *DMCii*
New Developments in the DMC Small Satellite
Constellation Service



Kurt Thome – *University of Arizona*

Inflight, intersensor radiometric calibration of high- and moderate-resolution sensors using the reflectance-based method



Sebastien Saunier – GAEL

The contribution of the European Space Agency to the commissioning phase of the PRISM & AVNIR-2 instruments onboard ALOS (JAXA)



Mary Ann Iverson, Bill Hughes, and Karen Hoselle
Conference Coordination, University of Southern Mississippi Outreach



Additional Photos











































Thank you

We look forward to seeing
you next year at the 2009
Civil Commercial Imagery
Evaluation Workshop!