



The Joint Agency Commercial Imagery Evaluation (JACIE) Civil Commercial Imagery Evaluation Workshop

May 5, 2015



Welcome

- Package
 - Agenda
 - Abstract and Bios
 - Surveys
- Logistics and Support
 - High level agenda
 - Registration and lunch
 - Picture at lunch

Tuesday	Wednesday	Thursday
07:00 - 08:30 Registration & Breakfast	Registration Opens	
08:30 - 08:45 Welcome and Opening		8:00 - 9:00 Registration & Breakfast
The Benefits of JACIE <u>8:45 - 9:45 Opening Special Talks</u> <i>60 Minutes</i>	09:00 - 10:30 ASPRS Plenary #1 & Keynotes	<u>8:30 - 10:00 JACIE Session #7 (D)</u> <i>90 Minutes</i>
9:45-10:15 Break		
<u>10:15 - 12:00 Agency Heads with Q&A</u> <i>105 Minutes</i> (20 min ea, followed by 25 min Q&A)	10:30 - 11:00 Break (Posters can be put up during this time.)	10:30 - 12:00 Plenary #2 - Keynotes
12:00 - 13:00 Lunch	<u>11:00 - 12:30 JACIE Session #4 (A)</u> <i>90 Minutes</i>	
<u>13:00 - 14:45 JACIE Session #2</u> <i>105 Minutes</i>	12:30 - 13:30 Exhibitor's Welcome Lunch (Exhibit Hall)	<u>13:00 - 14:45 JACIE session #8 **</u> (Open to ASPRS Registrants) <i>105 Minutes</i>
14:45 -15:15 JACIE Break	<u>13:30 - 15:00 JACIE Session #5 (B)</u> <i>90 Minutes</i>	
<u>15:15 - 17:00 JACIE Session #3</u> <i>105 Minutes</i>	15:00 - 15:30 Break & Poster Session. Exhibit Hall	14:45 - 15:30 Refreshment Break Thought Leaders in Exhibit Hall
	<u>15:30 - 17:00 JACIE Session #6 (C)</u> <i>90 Minutes</i>	<u>15:30 - 17:00 JACIE Session #9 (F)</u> <i>90 Minutes</i>
<u>(Go back to rooms, do whatever, get ready for bus trips to Reception location)</u>	Open time	JACIE Closing Remarks
18:00 - 21:00 ASPRS Welcome Reception (offsite) 180 Minutes	17:30 - 19:00 Exhibitor's Reception	

JACIE Workshop 2014 - Louisville

2014 JACIE Civil Commercial Imagery Evaluation Workshop



JACIE History

- Started in 2000 via NASA Commercial Data Buy and the need for better understanding of calibration and data quality
- 14th Annual Workshop (1 year - Hurricane delay)
- USGS JACIE leadership Role in 2006
 - NASA provided direct funding to support this year
- Workshop trial with ASPRS in 2014 and 2015
- JACIE Information Page – Everything back to 2001
 - <http://calval.cr.usgs.gov/jacie/>

Core Planning Team

- JACIE co-chairs and team
 - USGS: Gregory Stensaas
 - NASA: Kurt Thome
 - USDA: Curt Reynold
 - NOAA: Mitch Goldberg
 - Past NGA: Dave Case, Dave Sedlak
 - ASPRS: Heather Staverman / Michael Hauck
 - Others organizers: Jon Christopherson and Anya Hartpence (SGT, contractor to the USGS EROS)

Why JACIE

- An understanding and characterization of new sensors and technology is especially important:
 - a) Civil and Commercial imagery availability and use is expanding significantly by both Government and Industry
 - b) Technology continues to grow at an exceptional rate and the way things were done is changing rapidly
 - Integrated Sensors, data fusion, software and processing, storage, many pieces are coming together to allow many integrated information products
- Therefore, a strong cal/val/quality base is a must!

Value of JACIE

- Direct support of National Space Policy and National Plan for Civil Earth Observations
 - http://www.whitehouse.gov/sites/default/files/microsites/ostp/NSTC/national_plan_for_civil_earth_observations_-_july_2014.pdf
- U.S. Government leadership team with industry on establishing Cal/Val and QA base information
- Supports the strong Government need for common quality assurance processes
- Provides an independent assessment and validation model with respect to product quality and usability

Value of JACIE

- Provides a calibration and validation baseline and forum needed for data and science interoperability
 - 14+ year calibration/characterization record
 - Research showcase for cal/val uses in applications
- Leverages JACIE agencies' and industry expertise for unbiased system assessments
 - Provides cost efficiencies and improves communication for both Gov't and Industry users