



Joint Agency Commercial Imagery Evaluation

**The JACIE Team
welcomes you to the**

**12th Annual Joint Agency Commercial Imagery
Evaluation Workshop on Civil Commercial
Imagery Evaluation and Application**

**April 17-19, 2013
St Louis, MO**

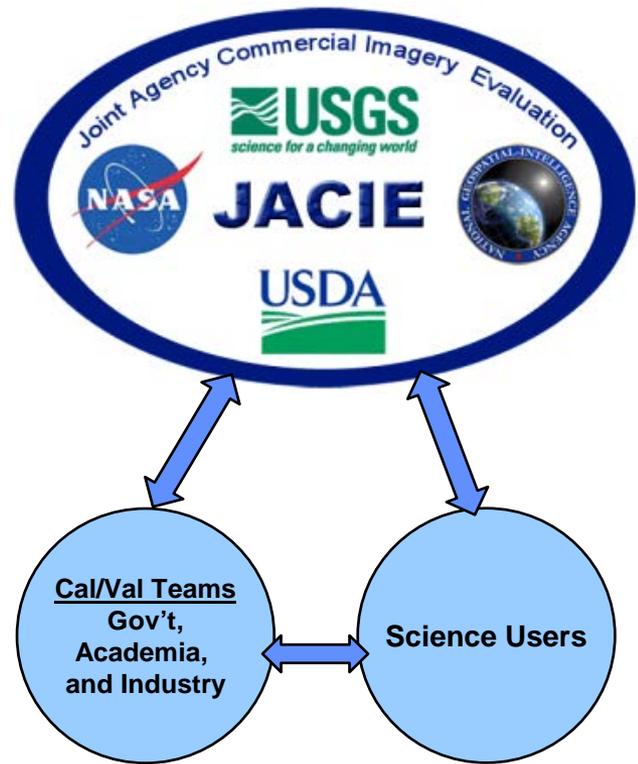


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■ Joint Agency Commercial Image Evaluation (JACIE) team formed in 2000

- National Aeronautics and Space Administration (NASA), National Geospatial-Intelligence Agency (NGA), U.S. Department of Agriculture (USDA), and U.S. Geological Survey (USGS);
- Technical imagery evaluation information presented at an annual workshop
- Perform unbiased commercial system assessments and leverage each agencies' expertise
- NOAA speakers participate in annual workshop
 - ◆ NOAA was officially joining the JACIE team this year with a new JACIE MOU but on hold due to budget sequestration
- All JACIE information available at
 - ◆ <http://calval.cr.usgs.gov/>

JACIE TEAM





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JACIE Workshop Benefits

- Provide government/industry imagery users with an independent assessment and validation model with respect to systems and product quality and usability
- Provides an understanding and characterization of new sensor/products
- Calibration and validation baseline is a must for science interoperability
- Provides cost efficiencies and improves communication for both Government and Industry vendors and users
- Supports research and showcase science applications for civilian and DoD applications
- Supports Commercial Remote Sensing Space Policy



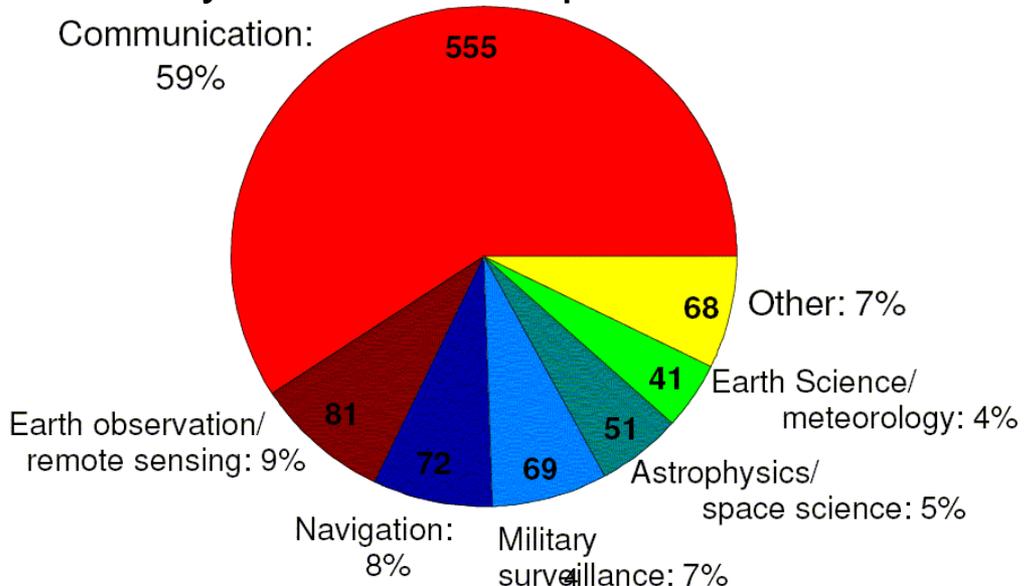
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Stronger need for System Characterization and JACIE

- The Number of EO Satellites is Growing
 - There are 80+ RS satellites in orbit now
 - Sensor, data fusion, and processing capabilities continually improve
 - How well do they work and do they meet user requirements

“Over the next decade more than 280 Earth-observation-satellite systems are expected to be launched into orbit”

– *Aviation Week & Space Technology*



Current Satellites in Orbit



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Future JACIE Information

- Last year JACIE Workshop 2012 Survey
 - Results were very positive
- New Venue 2014 Workshop in Louisville, KY
 - In Conjunction with American Society of Photogrammetry and Remote Sensing (ASPRS) – 23-27 March 2014
 - Maintain JACIE Workshop identity and hold a separate meeting – 26-28 March 2014
 - More to come!
- 2013 Workshop Survey!!
 - Please comment on JACIE in conjunction with ASPRS



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Logistics

- JACIE Co-Chairs – Dave Case (NGA), Greg Stensaas (USGS), **Dath Mita (USDA)**, **Kurt Thome (NASA)**, **future NOAA partner – Mitch Goldberg**
- JACIE Session Chairs – Greg Stensaas (USGS), Paulette Sandene (USDA), Dave Case (NGA), ...
- JACIE Team support – Bill Hughes (NVision Solutions, Inc.), Karen Hoselle (NVision Solutions, Inc.), **Carrie Jucht (USGS)**
- Facilities – Ask any JACIE team member for support.
- Lunch and snacks will be provided on-site.
- Security – Sign up and Badges required; attendance and mailing list.
- Paper and Poster approval forms must be turned in!



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Logistics (cont.)

- Allowing time for questions after each speaker and we will have some time for open discussion
 - So write your questions down for a discussion time, or for poster sessions or breaks
- Poster session area
 - Posters open for viewing: Tuesday evening
 - Additional poster time right after lunch on Wednesday and Thursday
- Tuesday Night - some no-host evening events – discuss during the day
- Wednesday Night – Surdex Tour – people who have sign up (St Charles exit from hotel – by Hertz counter at 6:00pm)
- Conference Survey forms
 - The team uses the JACIE Workshop Survey for content questions and ideas and we'll provide feedback
 - Fill them in and drop them at the registration area



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Agenda Finalization

- Very good keynote speaker and Government speakers
 - Brad Doorn for NASA and Glenn Bethel for USDA
 - USGS EROS Director and NOAA speaker could not attend due to sequestration issues
 - ◆ The USGS will present via web
 - NGA did not have an available Government speaker for this year; however, there are NGA folks here and they can take your questions
- Presentations changes
 - S-NPP VIIRS On-orbit Calibration and Performance – Changyong Cao via web (Wednesday)
 - Geometric and Radiometric Assessment of the AWiFS-2 Sensors Aboard ResourceSat-2 – via web (Wednesday)
 - Geometric Assessment of Pleiades-1a, Deimos and ASTER Data Sets – via web (Wednesday)
 - Aerial Imaging Quality Assurance - Mary Pagnutti presenting for Bob Ryan (Thursday)
 - Lori Phillips is presenting for USGS colleagues (presentations and posters)