



Future Activities of JACIE

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Purpose of this session

- To begin a discussion on the future of JACIE,
- To gather comments from participants,
- To give JACIE team members something to think about, and
- To give everyone an opportunity to comment.

Rules of engagement

- I show the slides, you comment.
- The discussion is not limited to the content of this presentation.
- The discussion is interactive ... don't hold that question, let us have it as we go...we will adapt (except for the next slide).
- I get to determine when we move on to some other topicunless a senior program manager is talking then I will waita while.
- Myself or someone else may ask you to repeat your statement so that we can capture all the valuable information for the JACIE team to consider after we all go home.

Follow-on Considerations for JACIE

- We are done...and can go home now.
- Keep reviewing the same sensors on a routine basis:
 - with the same measurements or
 - add additional parameters to characterize.
- Characterize other sensors.
- Let issues drive investigations/characterizations.
- Incorporate other US agencies.
- Incorporate international participation.
- Other considerations.

We are done?

- JACIE has benefited my organization but our mission has changed.
- Management direction is changing and JACIE is not a factor in the new direction.
- \$ aren't there.
- Interest at a worker-bee level isn't there.
- We don't think remote sensing will catch on.

Same Sensors?

- With the same measurements
 - Spatial
 - Radiometry
 - Geometric
- Add additional parameters to characterize
 - Advanced methods for existing parameters.
 - Additional measurements – atmospheric correction.
 - Application specific parameters.
 - Evaluate the effect of changing parameters on applications.
- Standardization of existing parameters - CE90, edge response, radiometry, spatial resolution.

Other Sensor Systems?

- Additional Sensor Systems to characterize.
 - Foreign systems ?
 - US Systems ?
 - Airborne ?
- Stay within the existing technology (EO) and expand/modify characterization parameters.
- Expand the technology domain to consider active or emissive sensor systems.

Issue Driven?

- Focus determination by selection of common issue of high importance to all agencies.
- Technology selection and instrument characterization as a function of issue (e. g. Homeland Security – Bioterrorism)

Other US Agencies?

Which agency?

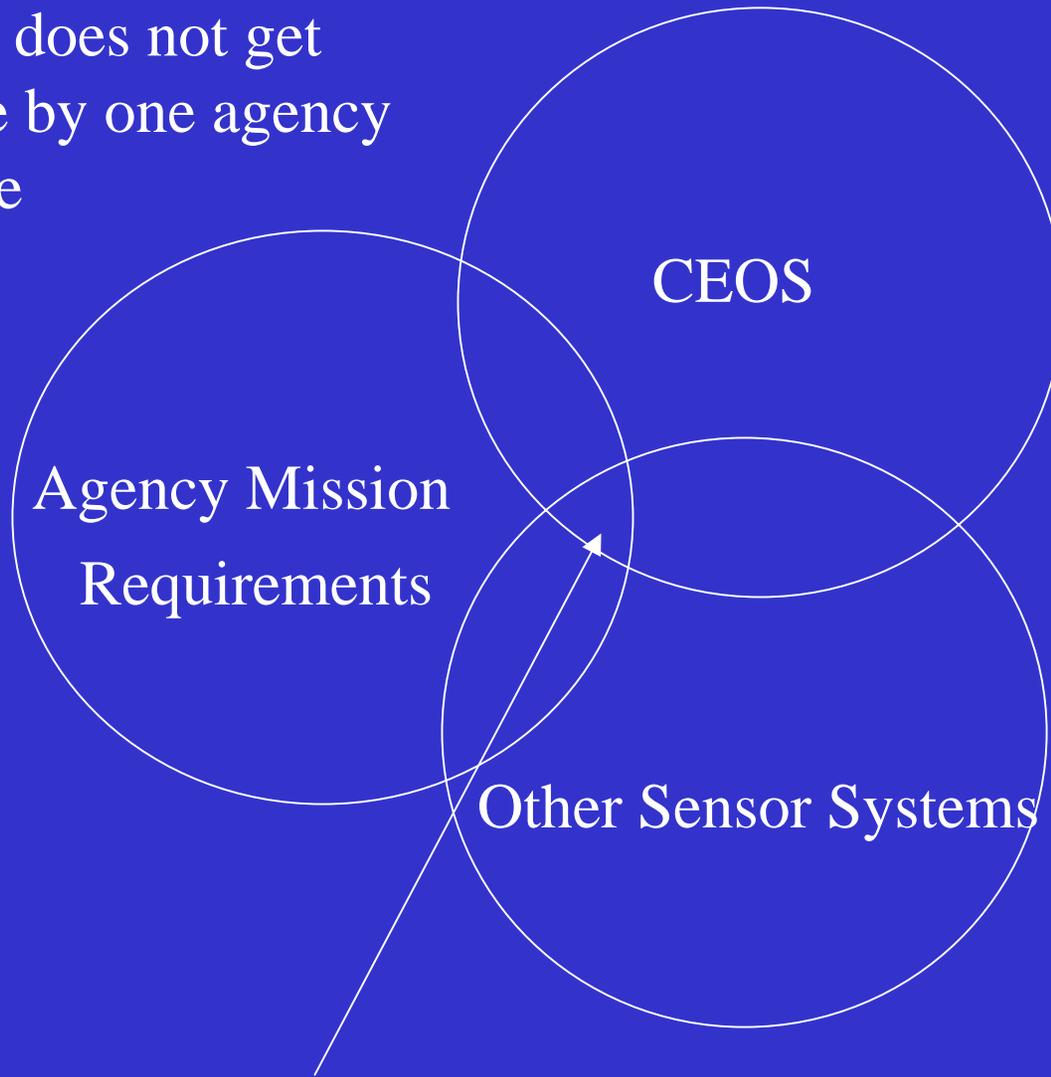
How do their needs get accomplished or considered?

Do we need to formalize the focus for JACIE?

Factors Controlling an Agency's Continued Participation in JACIE

- Many factors will contribute to an agency's decision to continue participation:
 - Mission
 - Direction
 - Budget
 - Implementation of above

This does not get
done by one agency
alone



Does this space exist and if yes how big is it?

International Participation?

- Participation with international partners.
 - Standards development
 - Coordination of data acquisition
 - *In Situ*
 - Image acquisition for cross correlation
 - Under-flight opportunities

Other Considerations?

- Anything else?

Follow-on Comments

- If you have comments on this discussion but are very shy or did not want to speak in front of your boss, please send these to any of the following contacts.
- Vicki – vicki.m.zanoni@nasa.gov
- Jennifer – meisburj@nima.mil
- Greg – gsnyder@usgs.gov