
NGAC

**Landsat Advisory Group
Status Report**

10 June 2015

Session Agenda

- Program Update
- Subcommittee Membership and Focus Area
- Study Questions and Status

USGS Update

- Placeholder for Tim's brief

LAG Membership

Name	Organization
Jack Hild (LAG Chair, NGAC Member)	Hild Enterprises, LLC
Kass Green (LAG Co-Chair)	Kass Green & Associates
Roger Mitchell (LAG Co-Chair, NGAC Member)	MDA Information Systems, Inc.
Peter Becker	ESRI
John Copple	Sanborn Map Co.
Joanne Gabrynowicz (NGAC Member)	University of Mississippi
Kevin Hope	National Geospatial-Intelligence Agency
Roberta Lenczowski	AmericaView
Rebecca Moore	Google, Inc.
Cory Springer	Ball Aerospace & Technologies Corp.
Julie Sweetkind-Singer (NGAC Member)	Stanford University
Tony Willardson	Western States Water Council
Darrel Williams	Global Science & Technology, Inc.

Federal Contact: Tim Newman (USGS)

2015 LAG Study Questions

1. USGS Land Remote Sensing Program (LRSP); provide suggestions for non-Federal data requirements
2. Regarding Sentinel and new commercial smallsats and microsats: identify success non-Federal users are having with data access and delivery mechanisms, data-use policies, and data applications.
3. Follow-up activities to 2013 LAG papers and recommendations.

Membership & Key Focus Areas (although some will support several)

Name	Organization	Key Focus
Jack Hild (LAG Chair, NGAC Member)	Hild Enterprises, LLC	
Kass Green (LAG Co-Chair)	Kass Green & Associates	Lead #1
Roger Mitchell (LAG Co-Chair, NGAC Member)	MDA Information Systems, Inc.	Lead #2
Peter Becker	ESRI	Lead #3
John Copple	Sanborn Map Co.	#1
Joanne Gabrynowicz (NGAC Member)	University of Mississippi	#1
Kevin Hope	National Geospatial-Intelligence Agency	TBD
Roberta Lenczowski	AmericaView	#1
Rebecca Moore	Google, Inc.	#1
Cory Springer	Ball Aerospace & Technologies Corp.	#2
Julie Sweetkind-Singer (NGAC Member)	Stanford University	#1
Tony Willardson	Western States Water Council	#1
Darrel Williams	Global Science & Technology, Inc.	Lead #3

Federal Contact: Tim Newman (USGS)

Subcommittee Activities since Mar.

- The USGS briefed LAG members on:
 - LRSP Requirements, Analysis, and Capabilities project. (Action 1)
 - USGS plans to archive and distribute Sentinel 2 data (Action 2)
 - EROS responses to observations and recommendations made in 2013 LAG papers (Action 3)
- One-on-one sessions between Chair and most members
- “Chair familiarization meetings” with Executives from USGS, NASA, Landsat program experts and Landsat Science Team members
- Review of past papers by Task 3 leads

Subcommittee Activities – Task 1

- Kass and Jack to lead. Members to conduct several interviews each.
- Requirements interview guide. These 7 items will be collected during interviews with imagery users.
 - 1. User
 - 2. Overview of the User's mission.
 - 3. Problem description - What problem are they solving or would like to solve with the current or future Landsat sensors.
 - 4. Rank the importance of the following remote sensing characteristics to your organization's decision making process.
 - a. Spatial resolution
 - b. Extent
 - c. Repeat visit
 - d. Spectral resolution of optical bands
 - e. Thermal band
 - f. Continuity
 - g. Others
 - 5. Of the above characteristics, which two would be the most important to improve, and how would you suggest improving them?
 - 6. What Landsat derived products would be most useful to your organization's decision making process?
 - 7. User POC if willing to contribute further

* Final questions under review by USGS for compatibility w/ their Federal Requirements process

Subcommittee Activities – Task 1

- AmericaView Study to be summarized to represent, in part, State, Local and Academic interests
- AmericaView Study to be shared among LAG Members
- Rebecca to survey participants at Google Earth Engine User Summit, 29 June – 1 July
- Data gathering / Interviews to be conducted in the summer and summarized for a final report in the fall

Subcommittee Activities – Task 2

- Roger to Lead with Cory, Bobbi and Rebecca supporting
- We expect to include a review of Sentinel 1 and 2
- Sentinel 2A to launch 22 June

Subcommittee Activities – Task 3

- Review the 2013 LAG paper on cloud implementation. Darrel had led the team who drafted the 2013 paper and has agreed to review the EROS brief and recommend any follow up actions for the LAG for 2015.
 - Topic to be briefed to EROS Leadership in July 15
 - Decision to update the paper will be determined after the brief
- Review the 2013 LAG paper on product improvement. Peter had led the team who drafted the 2013 paper and agreed to review the EROS brief and recommend any follow up actions for the LAG for 2015.
 - There is justification to review and update.

Next Steps

- Work through the summer to collect data with goal of having Task 1 summary drafted by 1 Oct
- Task 2 – Roger to convene a small group meeting to outline work plan
- Task 3a Defer any additional work on the Cloud paper until after the EROS meeting in July
- Task 3b – An update to the Product paper will be prepared