
Landsat Advisory Group (LAG) Status Report

NGAC Meeting

May 8, 2019

**Frank Avila
LAG Chair**

**Roberta (Bobbi) Lenczowski
LAG Vice-Chair**

Agenda

- LAG Mission
- LAG Membership
- Task #3 Status Update
- Questions / Discussion

LAG Mission

Provide advice to the Federal Government, through the Department of the Interior National Geospatial Advisory Committee, on the requirements, objectives and actions of the Landsat Program as they apply to continued delivery of societal benefits for the Nation and the global Earth observation community.

LAG 2019 Membership

Name	Organization
Frank Avila (LAG Chair, NGAC Member)	National Geospatial-Intelligence Agency (NGA)
Roberta Lenczowski (LAG Vice-Chair, NGAC Member)	Roberta E. Lenczowski Consulting, LLC
Kevin Pomfret (NGAC Member)	Centre for Spatial Law and Policy
Kass Green	Kass Green & Associates
Peter Becker	ESRI
Tony Willardson	Western States Water Council
Steven Brumby	Descartes Labs
Walter Scott	MAXAR Technologies/DigitalGlobe
Joanne Gabrynowicz	University of Mississippi

Federal Contact: Tim Newman and Peter Doucette (USGS)

LAG Task #3 – Cost sharing models for Landsat data

- DOI leadership has requested that USGS¹ consider new prospects for cost sharing of Landsat data to support USGS's role toward the Sustainable Land Imaging model.
 - Recognizing that aspects of this issue were investigated by the Landsat Advisory Group (LAG)², DOI leadership is seeking to better understand economic and data policy considerations and impacts in relation to user needs, as well as the potential for public-private partnering (P3), with respect to various cost sharing models for Landsat data.
 - USGS is requesting that the Landsat Advisory Group (LAG) review the findings of [2, 3], and other potentially relevant studies, to consider a range of possible Landsat data cost sharing models that may include, but are not limited to:
 - resource leveraging for data processing, management, and distribution;
 - resource leveraging for satellite ground mission development and operations;
 - various forms of fee recovery models for different market sectors. The LAG should consider pros and cons of the cost sharing models investigated.

Status Update

LAG Task #3 – Cost sharing models for Landsat data

- Task Team Lead – Kevin Pomfret
- Team has finalized draft report
 - Focusing on three cost-sharing approaches:
 - Charging for “traditional” data
 - Charging for value-added products and services
 - Private-public partnership (P3) structures
 - Includes two appendices
 - 1 - provides the historical context for current Landsat pricing and licensing policies
 - 2 - summarizes feedback received by the LAG from user community

[1] sustainablelandimaging.gsfc.nasa.gov/

[2] www.fgdc.gov/ngac/meetings/september-2012/ngac-landsat-cost-recovery-paper-FINAL.pdf

[3] John Loomis, Steve Koontz, Holly Miller, and Leslie Richardson, “Valuing Geospatial Information: Using the Contingent Valuation Method to Estimate the Economic Benefits of Landsat satellite Imagery”, *PE&RS*, 81 (8), 647-668, 2015.

Status Update

LAG Task #3 – Cost sharing models for Landsat data

- USGS/Ft. Collins study closed in early November 2018
 - Over 3,000 completed surveys submitted
 - Critical analysis of data continues to date
 - LAG was not able to receive any findings to factor into report
- Projected LAG report timelines:
 - June 2019 NGAC Meeting: Present final report to NGAC for adoption

Questions?