NGAC Landsat Advisory Group (LAG)
Subcommittee Update

NGAC Meeting
December 8, 2021

Frank Avila, LAG Chair
Roberta (Bobbi) Lenczowski, LAG Vice-Chair
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 was established in April 2012 as a subcommittee under the NGAC.
# LAG 2021 Membership

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
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<tr>
<td>Frank Avila (LAG Chair, NGAC Member)</td>
<td>National Geospatial-Intelligence Agency (NGA)</td>
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<td>Bobbi Lenczowski (LAG Vice-Chair, NGAC Member)</td>
<td>Roberta E. Lenczowski Consulting</td>
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<td>Vasit Sagan (NGAC Member)</td>
<td>Saint Louis University</td>
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<td>May Yuan (NGAC Member)</td>
<td>University of Texas-Dallas</td>
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<td>Mariel Borowitz</td>
<td>Georgia Institute of Technology</td>
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<td>Steven Brumby</td>
<td>Impact Observatory, Inc</td>
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<td>Keith Masback</td>
<td>Plum Run, LLC.</td>
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<td>Anne Hale Miglarese</td>
<td>Saildrone, Inc.</td>
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<td>Robbie Schingler</td>
<td>Planet</td>
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<td>Walter Scott</td>
<td>MAXAR</td>
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Federal Contacts: Tim Newman, Tim Stryker, Greg Snyder, Peter Doucette
USGS/National Land Imaging Program
Published LAG Reports

Formulating a Big Data Science Challenge for Land Imaging Time-Series Data – April 2021
Landsat Data: Community Standard for Data Calibration – October 2020
Evaluation of a Range of Landsat Data Cost Sharing Models – June 2019
Landsat Future Mission Recommendations – April 2018
Landsat Data Cube Feasibility for Forecasting – April 2018
Analysis of Non-Federal Landsat User Requirements – June 2016
Sentinel Data Use Policies – December 2015
The Value Proposition for Landsat Applications – December 2014
Comments on NRC Report: Landsat and Beyond: Sustaining and Enhancing the Nation’s Land Imaging Program – December 2013
Statement on Landsat Data Use and Charges – September 2012
The Value Proposition for Ten Landsat Applications – September 2012

Documents can be accessed at www.fgdc.gov/ngac/key-documents
Current 2021 LAG Tasks
2021 LAG Task #1

❖ **Task: Landsat in the Cloud Era**
  
  • What innovations should NLI consider a priority in providing data and information products in the cloud? Recommending innovations requires an understanding of the current status, policies that may restrict or facilitate innovation, and how these innovations might be accomplished.

❖ **Team:** Walter Scott (Lead), Mariel Borowitz, Steve Brumby, Bobbi Lenczowski, Keith Masback, Vasit Sagan, and May Yuan

❖ **Actions:** Team restructured original draft paper to more effectively incorporate case studies. The revised draft is in review by team. LAG will seek NGAC approval during Spring 2022 NGAC meeting.

❖ **Target Due Date for LAG Approval:** 1QCY22

❖ **Target NGAC Approval:** Spring 2022 NGAC Meeting
2021 LAG Task #2

❖ Task: Where is the “Water’s Edge” of NLI Scope?
   • Since Federal resources are limited, and we are in a “phase shift” in the Earth Observation community, what earth observation products should the Federal government wisely provide to optimize benefit to the public. USGS seeks recommendations about products it should be investing in, including Level-1, -2, and -3 products.

❖ Team: Robbie Schingler (Lead), Frank Avila, Steve Brumby, Bobbi Lenczowski, Anne Miglarese, Vasit Sagan, and May Yuan

❖ Actions: Initial draft completed and in revision by team to synthesize findings and recommendations. LAG will seek NGAC approval during Spring 2022 NGAC meeting.

❖ Target Due Date for LAG Approval: 1QCY22

❖ Target NGAC Approval: Spring 2022 NGAC Meeting
Landsat Program Update

Tim Newman

USGS National Land Imaging Program
Questions/Discussion