



California GIS Council Workgroup Report

Workgroup: Elevation Workgroup page*: Workgroup Chair: Nathaniel Roth	Report Date: March 10, 2022
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*See the workgroup page for workgroup charter, members, contact information, and prior reports.

Requests for Council Action

None

Status Update

- CNRA/DOC Forest and Shrubland Derived Products outreach session. See attachment to this report.
- Three BAA applications for California have been funded; Sierra Nevada, North Coast Counties Lidar, and Contra Costa County
- USGS LiDAR explorer: <https://prd-tnm.s3.amazonaws.com/LidarExplorer/index.html#/>
- Water Data Consortium will be having a broader LiDAR Derived Products session in spring and then a larger workshop. Dates TBA
- LiDAR status map: <https://www.arcgis.com/apps/View/index.html?appid=9204adf2fd1546379b845d163ef2544a>
- BAA collaborations for 2022 submission are forming.

Legislative/Policy Update

Next Actions & Key dates

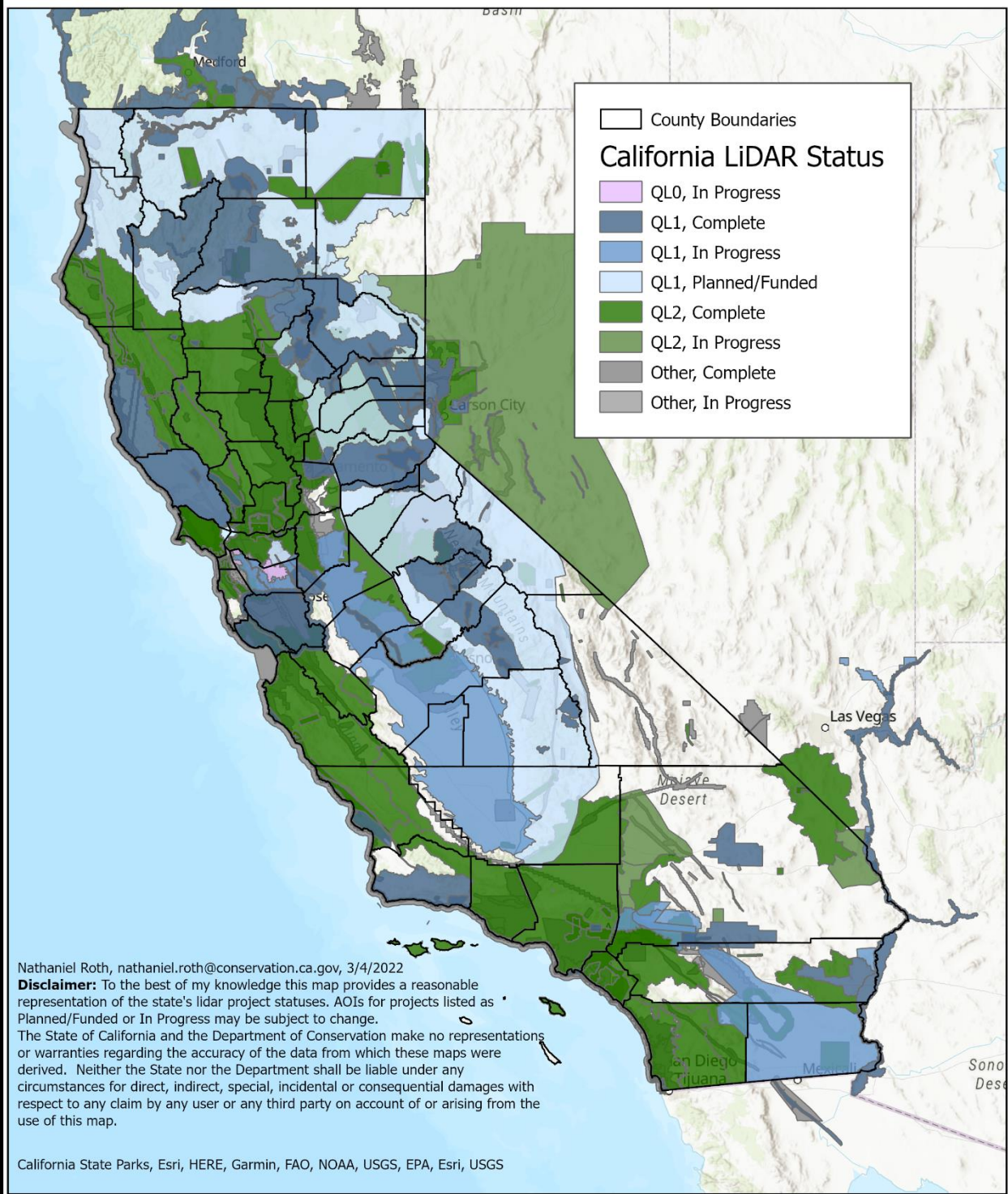
Action	Key Date
Next workgroup meeting	TBD

Notes

Documents and Attachments

California Public Lidar Status: 3/4/2022

Project by Quality Level and Progress, not filtered by date





CALIFORNIA
NATURAL
RESOURCES
AGENCY



California
Department of
Conservation

Date and time: 3/17/2022, 2-5pm, virtual meeting,

This is an open meeting intended for technical staff and project managers who use or are interested in using LiDAR derived products in forest and shrubland dominated areas. Feel free to contact Nathaniel (Nate) Roth at nathaniel.roth@conservation.ca.gov with any questions. We welcome you forwarding this invitation to interested parties.

Please RSVP using this ESRI Survey123 link <https://arcg.is/8Duab0>, and **hold the date on your calendar**.

A calendar invitation will be sent to those who rsvp within about 2 business days.

All are welcome at this meeting.

A dedicated tribal outreach session will also be held in the near future. If you are affiliated with a tribe and wish to be specifically included in a notification for the tribal session, there is an option within the survey linked above.

Background:

The California Natural Resources Agency (CNRA) has received significant funding from the State Legislature for remote sensing technology to address public safety and natural resource management challenges with a focus on forests and shrublands of the state. As part of its investment portfolio, CNRA is working with the USGS and other partners in a cost-share to purchase various new large-scale LiDAR acquisitions to include portions of California's northern coast, and Sierra Nevada, totaling over 29 million acres. New areas of the state may be collected in subsequent years.

Meeting Intent:

- To make use of both planned *and* recent past LiDAR data collections, CNRA (Loretta Moreno) in partnership with DOC (Nate Roth) will be hosting an information sharing and gathering session in March for interested parties across California to gather input on the range of value-added/derived products agencies need for direct use in operational response, planning, modeling, and the like.

Thereafter:

- Once all input is collected, CNRA will prioritize needs and determine a plan for the data products to be purchased.
 - CNRA will work with all applicable organizations to solicit detailed user requirements for selected data products.
- A summary of the input will be prepared and made available.

Meeting Format:

Our overall plan for the meeting is to:

1. First Half:



- DOC will provide an overview of the range of value-added LiDAR products available for operational use, covering various topical areas focused on forest and shrubland ecosystems (e.g., forest management, wildfire, carbon, water, species management, etc.).
 - Two short use case presentations:
 - Kass Green and colleagues will present an overview of their project work using LiDAR for detailed vegetation and resource mapping.
 - DJ Bandrowski of the Yurok Tribe will present on their use of LiDAR derived products for watershed management including river system modeling and analysis.
 - Question and answer session to follow.
2. Second Half: DOC will facilitate an online feedback gathering session to solicit input on operational needs and develop list of available data products that may address those needs.

Meeting Agenda and Location:

A link will be distributed prior to the meeting through the calendar invitation you'll receive after I receive your RSVP. Please RSVP by visiting this [link](#). The meeting format is virtual. Please contact Nate at nathaniel.roth@conservation.ca.gov should you have questions.