California GIS Council Workgroup Report

Workgroup: Elevation	Report Date:
Workgroup page*:	March 12, 2020
Workgroup Chair: Nathaniel Roth	

*See the workgroup page for workgroup charter, members, contact information, and prior reports.

Requests for Council Action

None

Status Update

Lidar Data: Multiple new sections area available for download from The National Map (USGS) or USGS FTP sites.
Acquisition is complete on the South Fork American River Project
Acquisition is complete on the Carr, Hirz, Delta Fire Project
Several BAA's have been recommended for funding or are under review.

3D Nation Study: The State role is largely complete and submitted.

Lidar Survey: Released at CalGIS, 307 responses (as of 3/11).

Statewide Lidar:
See Legislative/Policy Update

Legislative/Policy Update

A budget change proposal for statewide LiDAR was submitted in December. With minor modification it appeared in the January 10 Governor's budget.
We have had 1 meeting with legislative staff and 1 in front of the Assembly Budget Subcommittee #3 on Resources and Transportation. A request was made for further clarification on how the State would be using the LiDAR data and derived products, its readiness to adopt them, and more budget detail on how to accomplish the collection, processing, use, and distribution. The item was held open for further discussion.

Next Actions & Key dates

Senate Budget Subcommittee 2: 4/2/2020

Action	Key Date
Next workgroup meeting	TBD

Documents and Attachments

BCP: https://esd.dof.ca.gov/Documents/bcp/2021/FY2021_ORG0540_BCP3610.pdf
LAO Report: https://lao.ca.gov/reports/2020/4172/wildfire-related-proposals-022120.pdf
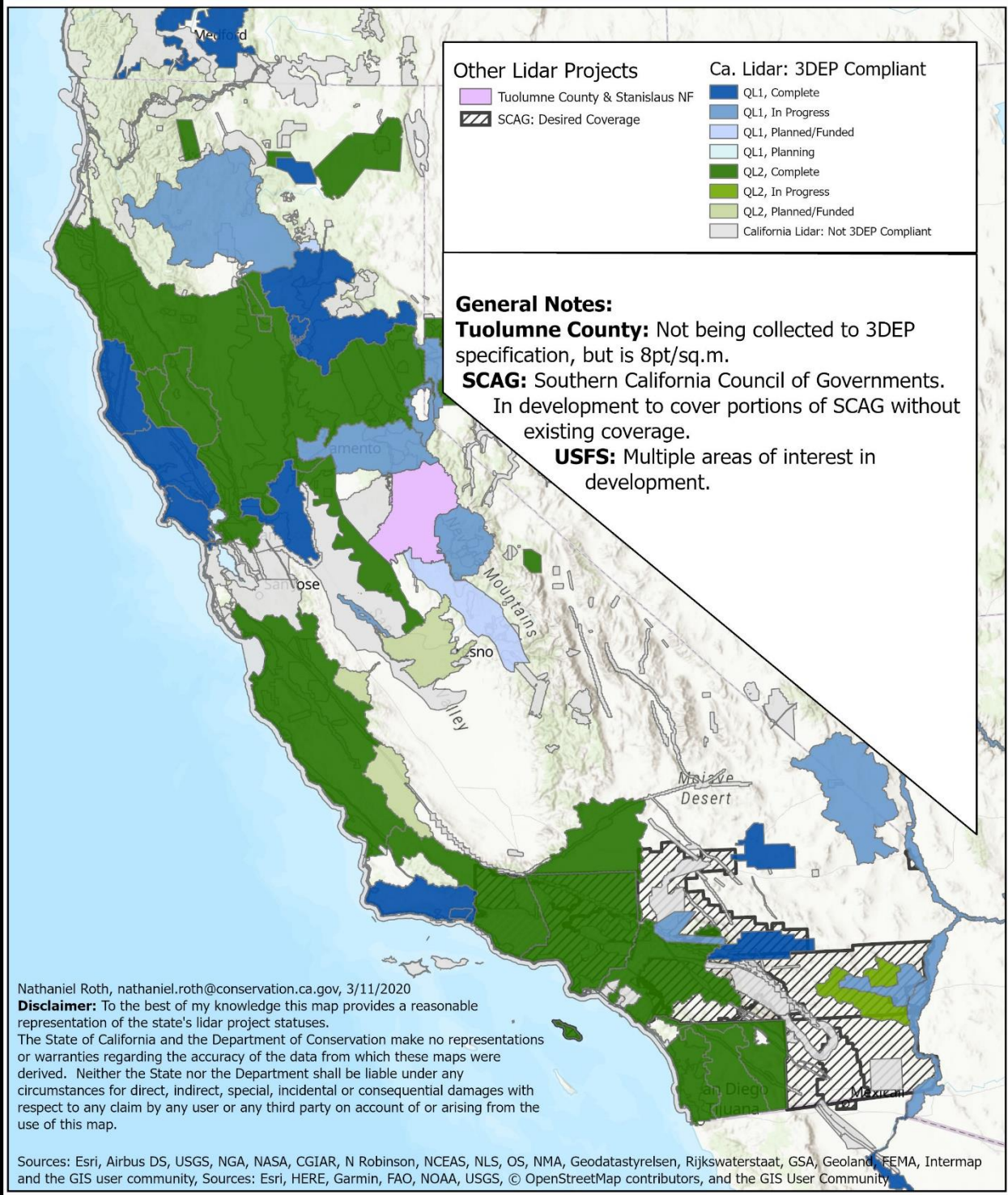**Assembly Sub Committee 3 hearing agenda:**
https://abgt.assembly.ca.gov/sites/abgt.assembly.ca.gov/files/March%204%20-%20Sub.%203%20CNRA%20DWR%20DFW.pdf

California Public Lidar Status: 3/11/2020

Project by Quality Level and Progress

Other Lidar Projects
- Tuolumne County & Stanislaus NF
- SCAG: Desired Coverage

Ca. Lidar: 3DEP Compliant
- QL1, Complete
- QL1, In Progress
- QL1, Planned/Funded
- QL1, Planning
- QL2, Complete
- QL2, In Progress
- QL2, Planned/Funded
- California Lidar: Not 3DEP Compliant

General Notes:
Tuolumne County: Not being collected to 3DEP specification, but is 8pt/sq.m.
SCAG: Southern California Council of Governments. In development to cover portions of SCAG without existing coverage.
USFS: Multiple areas of interest in development.

Nathaniel Roth, nathaniel.roth@conservation.ca.gov, 3/11/2020
Disclaimer: To the best of my knowledge this map provides a reasonable representation of the state's lidar project statuses.
The State of California and the Department of Conservation make no representations or warranties regarding the accuracy of the data from which these maps were derived. Neither the State nor the Department shall be liable under any circumstances for direct, indirect, special, incidental or consequential damages with respect to any claim by any user or any third party on account of or arising from the use of this map.

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Notes

Presentations by USGS/NOAA at CalGIS
Lidar planning workshop by Nathaniel Roth at CalGIS