California GIS Council Quarterly Meeting Agenda

September 09, 2021, 10:00 a.m. to 12 noon

Web meeting will be held on Zoom. Please register to receive the join information at:
https://us06web.zoom.us/meeting/register/tZcud--srjMrE91B8-VrdW-72P6pjUZBadCm
The meeting will be recorded for note-taking purposes only. Thank you.

Council email address is ca.gis.council.chair@gmail.com
Council website: https://cgia.org/cagiscouncil/

AGENDA *WITH NOTES*

10:00 - 10:05 Welcome and Opening Announcements - Jane Schafer-Kramer, Chair

Jane hosted the meeting from her cubicle in the New Natural Resources Building 715 P Street, Sacramento; some photos are attached. She hopes to be able to host a future Council meeting in one of the large conference rooms and invite in-person attendees, when pandemic conditions permit.

10:05 - 10:20 Executive Committee Announcements/Reports

- The Executive Committee met virtually on June 29:

The purpose of the meeting was to discuss the Council's response to the Little Hoover Commission Report Recommendations. It was decided to provide the Council's top five priorities for integration into the GIO's GIS Strategic Plan. Here is the document provided to the GIO. Jane will discuss.

Jane said that she drafted the priorities document at a high level, intentionally leaving out details. She collected the ideas from notes of the Charter Review and Strategic Plan Workgroup, Executive Committee discussions, and notes from past Council meetings.

Bruce Joffe would like current CA GIS Council to become the advisory council. Review legislation related to GIS should be part of advisory council. Jane noted that Jacob Mark has been doing a lot of review of GIS related legislation. Bruce said it should be in priorities document. Jane mentioned advisory council needs to be smaller than current council.

- Executive Committee Nomination Announcement:

As outlined in the Council Charter, the Executive Committee assists the Chair and Vice-Chair in the governance of the Council "on internal business matters such as developing agendas for Council meetings, maintaining the Council website, supporting communications, holding elections, responding to requests from Council members or constituencies, and establishing workgroups." The Executive Committee comprises one representative from each of the Council constituencies, or an alternate designee for open constituencies. The term for the Executive Committee is one year, beginning on October 1 and ending September 30 of the following year.

You may nominate yourself or another member. Anyone who is registered on the Council website is considered to be a member and eligible to serve on the Executive Committee. Register at https://cgia.org/cagiscouncil/

Nominations close at 5:00 pm Thursday, September 23, 2021. If needed, an election will be held the following week.

https://forms.gle/B51U2WFfe8oHqhuFA

- Announcements from Executive Committee Members

John noted the importance of continuing the CA GIS Council especially for GIS users in the state who do not have a lot of GIS support.

10:20 - 10:30 Update from Office of the State GIO

Isaac has been busy supporting CalFIRE, CHP, fires, evacuation zones, etc. Isaac hopes that the statewide evacuation zone layer noted in the below agenda item will be the start of a unified approach to collaboration not just for California, but neighboring states as well and additional data themes: county boundaries, evacuation points, evacuation routes, parcels, etc. For example, the need for evacuation zone data from Douglas County (Nevada) during the Caldor Fire. Isaac worked with Yolo County to leverage their standard schema for evacuation zones and is also consuming evacuation zones from Zonehaven. The statewide evacuation zones layer is not authoritative. There are links back to the county as the evacuation zone authority. Isaac mentioned that FME technology was used to develop the statewide evacuation zones layer. Jane raised a question about county boundaries. Isaac is working on a pilot project for county boundaries. There is legal involvement required to change county boundaries. Isaac is looking at the pilot project as a model for other counties. Bruce asked if there are significant county boundary discrepancies. Isaac said the number of county boundary discrepancies could be significant at the scale of an oil well being in one county or the other. Jane offered the Council's assistance with this work. Chad asked how county evacuation zone services are discovered for use in the statewide layer. Isaac replied that the county Public Information Officer or County Administrative Officer are contacted when there is an emergency and a request for their authoritative evacuation zone service is made.

10:30 – 11:00   Wildfire Season – Discussion led by Chad Miller
New feature service built by CA Department of Technology:
California County Evacuation Zone Feature Service
GISCorps Wildfire Initial Attack mapping project, a.k.a. #Firemappers: (John J. Schweisinger)
https://www.giscorps.org/napsg-wildfire-ia-292/

Direct link to webmap:
https://napsg.maps.arcgis.com/home/webmap/viewer.html?webmap=58f752056455490f8040a24cb7fdc536

Possible outcome: form a new workgroup or task force

Adam Fackler from the National Alliance for Public Safety GIS Foundation gave a demonstration on the #FireMappers App. Adam explained how new fires are mapped either from Computer-Aided Dispatch (CAD) systems or crowdsourced from social media feeds and fed into the #FireMappers layer and the Integrated Reporting of Wildland Fire Information (IRWIN) layer. IRWIN fire data is hosted by Esri or the National Interagency Fire Center (NIFC). Adam also mentioned how fire locations are ground-truth verified by crowdsourcing social media and corrected, if needed, by volunteers. Adam also demonstrated the Crisis Communication Catalog and its usefulness as a national repository for local public safety information.

11:00 - 11:15 Redistricting – Chad Miller

Open discussion about Redistricting efforts in the state and local jurisdictions including, but not limited to, topics about software choices, working with Census data, etc.

Chad kicked off the discussion with a description of challenges faced to provide citizens with online mapping capability to submit redistricting options for county supervisorial boundaries. Challenges included lack of preparation in advance of census, lack of funding for expensive tools, and conflicting recommendations from contracted demographer and county GIS team. Chad questioned the lack of collaboration and cost-saving between county and cities in acquiring redistricting tools that could serve redistricting efforts at both levels of government. Chad was also interested in hearing about the utility of the 2020 California Citizens Redistricting Commission's Draw My CA Community tool for citizen submittal of Congressional, State Senate, State Assembly, and State Board of Equalization districts. Desiree Dier added that San Luis Obispo County uses the free DistrictR solution for public input and Maptitude internally along with their ArcGIS Enterprise. Adam McClure wanted to better understand the relationship between city, county, and Local Agency Formation Commission (LAFCO) with respect to boundary determination as it impacts redistricting and election precinct development. Chad mentioned that there is perhaps a Memorandum of Understanding (MOU) between LAFCO and the county Assessor's Office that mandates that a parcel must be split at a city boundary. Bruce shared the new URISA white paper on Redistricting and accompanying guide written by URISA experts ($25 for URISA members). In chat, Svetlana Smorodinsky shared that the Census Bureau is releasing the redistricting PL-171 files and will be available between August 16 – September 30 for all states down to the block level. Clicking on the Legacy files link, you can download all the files for all the states from Census' FTP site.

11:15 - 11:50 Workgroup and Other Reports

Education Workgroup - Danielle Bram

An-Min Wu noted workgroup is completing work on a GIS education survey.

Tribal Workgroup - Donna Begay

Donna messaged Jane about current CA fire maps not including the tribal land allotment [layer](#). Jane noted that base maps might need to be updated. Jane reported that she has been attending meetings of the California Advisory Committee on Geographic Names. This Committee is in the purview of the California Natural Resources Agency and it works with the U.S. Board on Geographic Names to research and recommend approval or denial of proposed name changes or new names of geographic features for the Geographic Names Information System (GNIS). Last year, the Governor expanded the Committee to include members from the Native American Heritage Commission, the California African American Museum, and the State Library, and non-voting members representing the Assembly Select Committee on Native American Affairs, the Legislative Black Caucus, the Latino Legislative Caucus, and a few others. More information is at https://cacgn.ca.gov/. Jane was attending in order to follow the discussion on the changing of some names of water features that are offensive to Native Americans. Unfortunately, no discussion of those items occurred at the August 13 meeting. The next meeting will take place on December 8, 2021.

Policy Advisory Workgroup - Jacob Mark

Jacob announced the Q3 legislative newsletter - GIS Under the Dome is coming out soon. The first [Quarterly Lunchtime Legislative Briefing](#) on July 7th was well attended and a success.

Charter Review and Strategic Plan/Future of GIS Council Workgroup - Jane Schafer Kramer

Jane mentioned the need for a charter review and announced a call to volunteers to help contribute. Please help guide the future of the CA GIS Council! A doodle poll will be forthcoming.

Communication and Collaboration Task Force – Chad Miller

Chad gave an update on the June 2nd meeting of the task force. During the meeting various topics were discussed including developing a new website, spam reduction techniques, and user email list cleanup. Unfortunately, without funding it will be difficult to implement tools to ensure robust communication with CA GIS users. However, the CA GIS Council is appreciative of the graciousness of the California Geographic Information Association (CGIA) to host the council's website.

Elevation - Nate Roth

[Nate](#) presented an updated workgroup [report](#). Nate asked to be contacted if anyone is interested in the [Broad Agency Announcement](#) from USGS for Lidar acquisition cost-sharing. Nate announced the new [USGS LiDAR explorer](#). Nate shared the updated CA lidar collection [map](#) (there is a pending update for Alameda County). Jane asked if participation is desired in the Elevation Workgroup. Nate mentioned that the Elevation Workgroup is mainly a solo project, but there are two other efforts underway which could use participation. The [California Water Data Consortium](#) and a state departments effort for elevation data. In chat, Evan Soenke asked for the status of Fresno lidar data. Carol Ostergren replied

they're doing an [inventory update](#) now and would check the status. Please contact [Carol](#) if anything is missing from the inventory.

Geodetic Control - Scott Martin

No update.

Hydrography/NHD - Jane Schafer-Kramer

Jane presented an updated workgroup [report](#). Please contact [Jane](#) if you have suggestions for edits or do not use the NHD due to more accurate data. It would be good to know if there are better hydrography data being used that could be integrated into the NHD. Jane shared the increased NHD density due to the success of the Marin Collaborative Project.

NextGen 9-1-1 - Rachel Marquez and Gene Barrera

Gene messaged Jane an update regarding the CalOES NG911 Task Force meeting in early August where three members presented uses cases for address / road centerline data maintenance. The State continues to engage local jurisdictions on submitting this data to the validation portal, as many counties have not implemented this process. It may be the case that many of counties that haven't submitted their data either do not have a county wide dataset, including all jurisdictions, or are challenged to assemble this data in a format that meets the State's needs. [GeoComm](#) manages the CalOES validation portal and may be open to presenting at the next quarterly CA GIS Council meeting.

State Plane Coordinate System 2022 - Nate Roth

Nate [reported](#) no new updates since June. NOAA is working under the hood with State Plane zones, not much to address publicly.

To join a workgroup, please send an email to ca.gis.council.chair@gmail.com

---

11:50 - 12:00 General Announcements (Open)

Jane announced job [posting](#) for Analyst position at the California Public Utilities Commission.
Jane announced URISA GIS-Pro 2021 Conference in Baltimore, MD October 3-6.
Nate announced job [posting](#) for GIS Programmer position at the California Department of Conservation.

Future Meetings of CA GIS Council *Check the website for details: https://cgia.org/cagiscouncil/*
December 9, 2021
March 10, 2022
June 9, 2022

       Follow us on LinkedIn
https://www.linkedin.com/company/california-gis-council
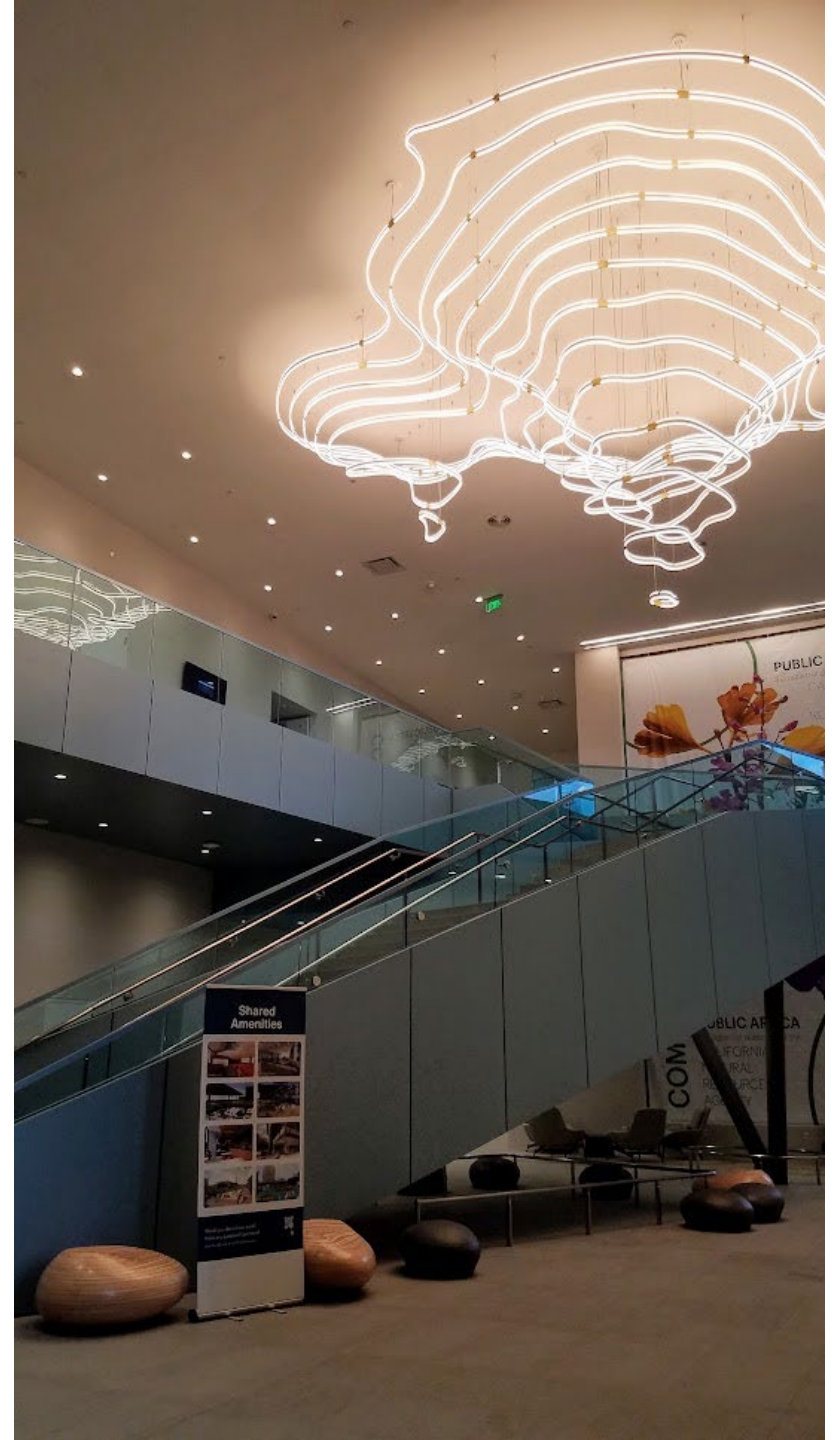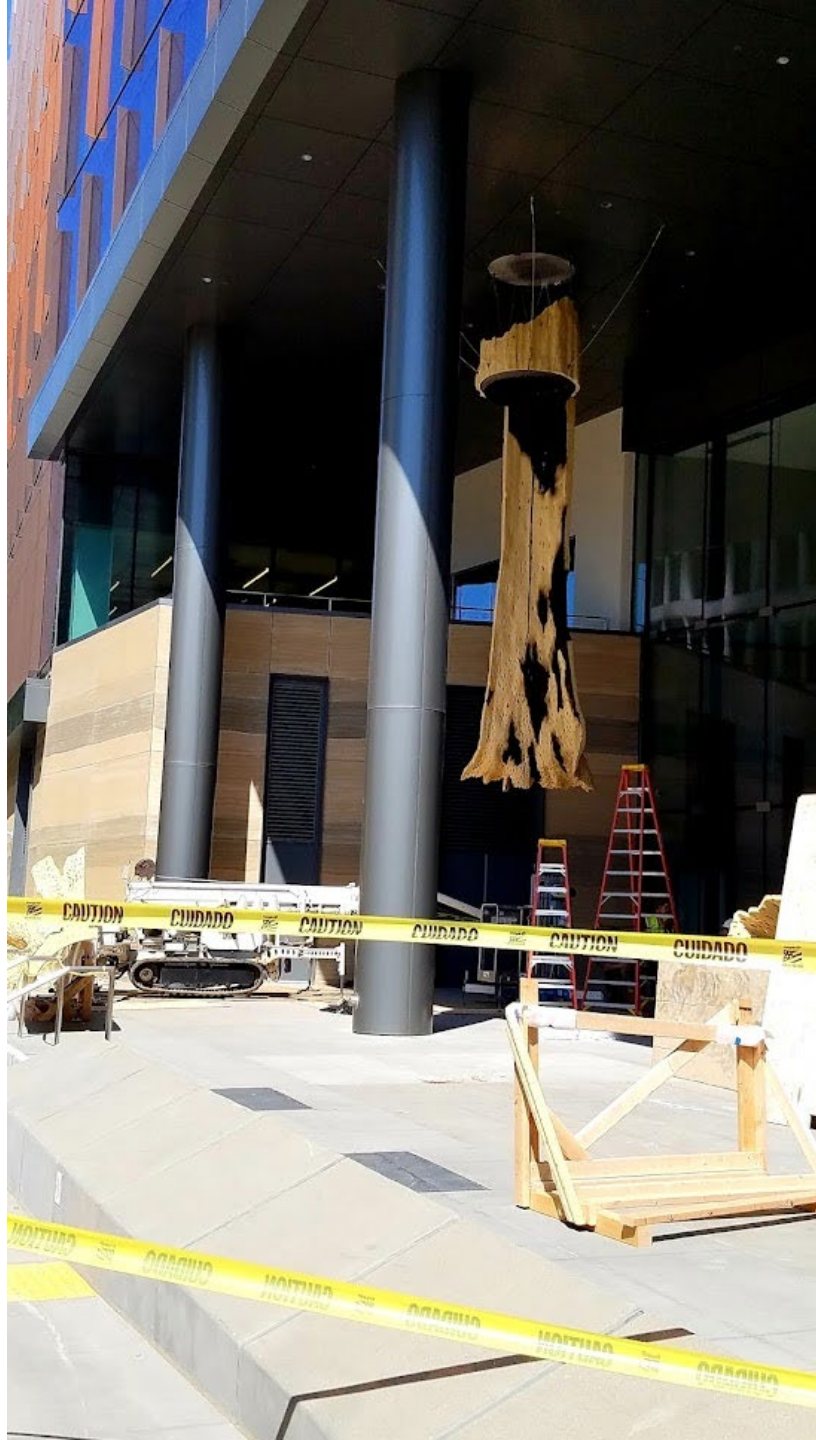
New Natural Resources Building
715 P Street, Sacramento

Coalition
Artist: John Grade

Referencing the fluted base of a giant sequoia, the sculpture will be suspended above the entry to new headquarters for the California Natural Resources Agency in Sacramento, CA. Standing below Coalition, visitors will encounter vantages up into a hollow interior both perforated and burned. The dark burnished surfaces will contrast with bright natural light filtering through the sculpture's folded and undulating forms.

https://www.johngrade.com/#/projectwithdescription/Coalition/true

Rooftop Patio

List of Registered Attendees:

First Name	Last Name
Fennis	Reed
carol	ostergren
Holly	Baun
Jasmin	Acuna
Brian	Lasagna
Donna	Miranda-Begay
mabel	wu
David	Harris
Adam	McClure
Bruce	Joffe
Svetlana	Smorodinsky
guy	shih
Andrew	Lozano
Will	Patterson
An-Min	Wu
Jane	Schafer-Kramer
Denise	Wesley
Jeff	Kapellas
Mary	Hurley
Kimberly	LaBella
Tim	Stiles
Adam	Fleenor
Alan	Kilgore
Nathaniel	Roth
Kerri	Kisko
Andy	Lovell
Jochen	Albrecht
Stephanie	Halpin
Jennifer	Blunkall
Jacob	Mark
Craig	Davis
Anqi	Xu
Ryan	Goodner-Belli
Don	Thorstenson
CYNTHIA	GARCIA
Kristina	White
catalina	llanos
Amadea	Azerki

First Name	Last Name
Arron	Lee
Gene	Barrera
Melissa	Christie
Richard	Fahey
Esther	Essoudry
Chad	Miller
Cengiz	Yagcioglu
Desiree	Dier
Denise	Wesley
Steve	Goldman
Ben	Tang
Adam	Fackler
Cindy	Engel
Kris	Higgs
Evan	Soenke
Katherine	Spiess
Jennifer	Dooley
John	Schweisinger
Mark	Rosenberg
Jason	Harbaugh
Matt	Price
Maria	Clay
Isaac	Cabrera
Laurie	Williams
Beth	Schwehr
Jenni	Gomez

Chat:

10:03:14 From carol ostergren to Everyone:

lovely, very nice, can't wait to visit

10:05:42 From Isaac Cabrera to Everyone:

I'm here

10:06:04 From Bruce Joffe to Everyone:

YaaaY! That's good.

10:07:11 From Evan Soenke to Everyone:

Welcome Isaac

10:08:04 From Chad Miller to Everyone:

Priorities document: http://cgia.org/cagiscouncil/wp-content/uploads/2021/08/CouncilPrioritiesForState_GIO_State_Strategic_GIS_Plan_August2021.pdf

10:13:31 From carol ostergren to Everyone:

Jane you have done an excellent job guiding us these past several years!

10:20:57 From Adam McClure to Everyone:

Agreed! Woot Woot!

10:21:12 From Bruce Joffe to Everyone:

Amen!

10:21:15 From An-Min Wu to Everyone:

Thank you, Jane, for all your leadership.

10:24:25 From Maria Clay to Everyone:

Thank you so much Jane.

10:24:39 From Adam McClure to Everyone:

LOVE the unified approach idea. Full support!

10:25:23 From Isaac Cabrera to Everyone:

https://california.maps.arcgis.com/home/item.html?id=15fb71971c7246338440d39b9f158bd7&view=list&sortOrder=desc&sortField=defaultFSOrder#overview

10:25:24 From Evan Soenke to Everyone:

Agreed with Adam - Very helpful at the County level

10:27:12 From Will Patterson to Everyone:

Great compiled layer, thanks. Should it be marked as Authoritative?

10:28:29 From Will Patterson to Everyone:

Got it, thanks

10:31:53 From Bruce Joffe to Everyone:

Are there significant discrepancies between county boundaries?

10:39:05 From Jane Schafer-Kramer to Everyone:

https://www.giscorps.org/napsg-wildfire-ia-292/

10:39:14 From Jane Schafer-Kramer to Everyone:

Direct link to webmap: https://napsg.maps.arcgis.com/home/webmap/viewer.html?webmap=58f752056455490f8040a24cb7fdc536

10:46:30 From Adam Fackler to Everyone:

Link to Firemappers App:
https://napsg.maps.arcgis.com/apps/webappviewer/index.html?id=6dc469279760492d802c7ba
6db45ff0e
10:46:46 From Adam Fackler to Everyone:
 Crisis Communication Catalog: https://ccc-napsg.hub.arcgis.com/
10:49:40 From Adam Fackler to Everyone:
 afackler@publicsafetygis.org
10:51:10 From carol ostergren to Everyone:
 National Interagency Fire Center
10:53:03 From Andrew Lozano to Everyone:
 They use mix method to create and update wildfire points and information. ex. ICS-209
reports
10:53:38 From Andrew Lozano to Everyone:
 Great work! How is the social media posts filtered/ criteria for inclusion?
10:54:48 From Andrew Lozano to Everyone:
 Copy that, thank you! Always helps to have ground truth.
11:00:55 From Svetlana Smorodinsky to Everyone:
 For those interested in Census 2020 data. The redistricting PL-171 file will be available
between Aug 16-Sep 30 for all states down to the block level.
https://www.census.gov/programs-surveys/decennial-census/about/rdo/summary-files.2020.html

 Clicking on the Legacy files link, you can download all the files for all the states from
Census' FTP site.
 https://www2.census.gov/programs-surveys/decennial/2020/data/01-Redistricting_File--
PL_94-171/
11:01:04 From Jane Schafer-Kramer to Everyone:
 https://www.wedrawthelinesca.org/
11:01:47 From Desiree Dier to Everyone:
 County of SLO has a consultant and we're using https://districtr.org/ for public input
11:06:59 From Adam Fleenor to Jane Schafer-Kramer(Direct Message):
 I have not talk to Donna Begay this quarter and I do not see her here for the Tribal
Working group report. Do you know what is going on?
11:07:42 From Desiree Dier to Everyone:
 ddier@co.slo.ca.us
11:10:02 From Adam McClure to Everyone:
 amcclure@hillsborough.net
11:10:46 From Bruce Joffe to Everyone:
 URISA has a new white paper to guide redistricting efforts.
 https://www.urisa.org/redistricting-guide
11:11:21 From Adam McClure to Everyone:
 Thanks much, Bruce!
11:12:49 From Bruce Joffe to Everyone:
 The big paper costs $25 to URISA
11:17:31 From Jane Schafer-Kramer to Everyone:

https://www.indianaffairs.gov/sites/bia.gov/files/assets/bia/pacreg/PRO_Trust_Lands%2
011-13-
*2017.zip?_gl=1*wzzbbp*_ga*MjA2NTM2NzY4OS4xNjMxMjA0ODgx*_ga_99DR80KW2E*MTYz*
MTIwNDg3OS4xLjEuMTYzMTIwNDg5OC4w

11:24:22 From Bruce Joffe to Everyone:

    Thanks, Jacob, for your important efforts.

11:26:40 From Jacob Mark to Everyone:

    hey Tim! sorry I blanked on your name. 😊 *hope you can make it to the briefing next month!*

11:29:32 From Jane Schafer-Kramer to Everyone:

    jane.schafer-kramer@water.ca.gov

11:34:55 From Jane Schafer-Kramer to Everyone:

    Follow us on LinkedIn https://www.linkedin.com/company/california-gis-council/posts/?feedView=all&viewAsMember=true

11:39:42 From Jane Schafer-Kramer to Everyone:

    BAA = Braod Agency Announcement

11:39:54 From Jane Schafer-Kramer to Everyone:

    Broad Agency Announcement

11:40:10 From Jane Schafer-Kramer to Everyone:

    This is for cost-sharing on lidar acquisitions

11:41:23 From carol ostergren to Everyone:

    Also in process/production--Alameda County and most of Imperials County/Salton Sea

11:42:00 From Evan Soenke to Everyone:

    Is there an ETA on Fresno data?

11:42:27 From Jane Schafer-Kramer to Everyone:

    https://prd-tnm.s3.amazonaws.com/LidarExplorer/index.html#/

11:42:28 From carol ostergren to Everyone:

    it's close, let me cjeck. email me after the meeting costergren@usgs.gov

11:43:21 From carol ostergren to Everyone:

    We are doing our inventory update now

11:43:27 From carol ostergren to Everyone:

    https://coast.noaa.gov/inventory/

11:43:37 From carol ostergren to Everyone:

    Please notif me if something is missing

11:47:06 From Jane Schafer-Kramer to Everyone:

    https://cawaterdata.org/projects/lidar/

11:52:35 From Nathaniel Roth to Everyone:

    USGS/3DEP BAA: https://www.usgs.gov/core-science-systems/ngp/3dep/fy22-usgs-broad-agency-announcement-baa?qt-science_support_page_related_con=0#qt-science_support_page_related_con

11:52:58 From Nathaniel Roth to Everyone:

    Lidar Data Explorer: https://prd-tnm.s3.amazonaws.com/LidarExplorer/index.html#/

11:53:51 From Nathaniel Roth to Everyone:

Status Map (I just noted another correction that needs to be made for Alameda):
https://www.arcgis.com/apps/View/index.html?appid=9204adf2fd1546379b845d163ef2544a
11:58:41 From Jacob Mark to Everyone:
I miss working with WBD! Its a beast but fun
12:01:58 From carol ostergren to Everyone:
Thanks everyone!
12:02:03 From Jane Schafer-Kramer to Everyone:
https://www.calcareers.ca.gov/CalHrPublic/Jobs/JobPosting.aspx?JobControlId=260802
12:03:27 From Nathaniel Roth to Everyone:
https://www.calcareers.ca.gov/CalHrPublic/Jobs/JobPosting.aspx?JobControlId=266991
12:04:07 From Jane Schafer-Kramer to Everyone:
https://www.linkedin.com/company/california-gis-council
12:04:44 From Stephanie Halpin to Everyone:
Thank You!
12:04:48 From David Harris to Everyone:
Thank you!