

California GIS Council Quarterly Meeting Agenda

June 9, 2022, 10:00 a.m. to 12 noon

Notes added to this agenda by Chad Miller and Jane Schafer-Kramer

Virtual meeting will be held on Zoom. Please register in advance to receive the join information.

You are invited to a Zoom meeting.

When: Jun 9, 2022 10:00 AM Pacific Time (US and Canada)

Register in advance for this meeting:

<https://us06web.zoom.us/meeting/register/tZwpc-itrD4oHtEEcYpLNzOFiptn6CXhNMZf>

After registering, you will receive a confirmation containing information about joining the meeting and the option to add it to your calendar.

The meeting will be recorded for note-taking purposes only.

Times listed with the agenda items are approximate and subject to change.

Council email address is ca.gis.council.chair@gmail.com

Council website: <https://cgia.org/cagiscouncil/>

Registered attendees (from the Zoom registration) – Additional information is shared in the saved chat and pasted at the end of these notes:

Jane Schafer-Kramer

Laurie Williams

Mary Hurley

Scott Daeschner

Jeff Kapellas

Russell Almaraz

Kate Thomas

Matt Price

Phil Salter

Marill Jacobson

Arron Lee

Kerri Kisko

Carol Ostergren

Ronald Hall

Steve Goldman

Jennifer Dooley

James Wingate

Nathaniel Roth

Ryan Lopez

Evan Soenke

Svetlana Smorodinsky

Annette Hovorka

Chad Miller

Kimberly LaBella
Thanaphat Srisukwatana
Rachel Marquez
JacobMark
Rachel Sarina
Melissa Christie
Mono Simeone
Isaac Cabrera

AGENDA (times and order subject to adjustment)

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

This is the last meeting of the term for the current chair. Chad Miller will assume the duties of the Chair in July.

In commemoration of Juneteenth (June 19th) the day the news of the Emancipation Proclamation reached enslaved people in Galveston, Texas, in 1865, here is a map showing the distribution of the Slave Population in the Southern States of the United States, compiled from the Census of 1860.

<https://www.census.gov/newsroom/stories/juneteenth.html>

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

The Executive Committee met virtually with members of the California Geographic Information Association (CGIA) Board on April 13 to discuss the integration of the Council into the CGIA organization. A follow-up meeting happened on June 3. A brief update will be provided.

- *Recap of vote at the March Council meeting: Both motions were approved.*
 - *Motion to get CA GIS Council membership approval to begin discussions with CGIA on integrating the CA GIS Council.*
 - *Motion to postpone CA GIS Council Vice-Chair election until CGIA integration discussion completed. Motion includes postponement of any charter revisions. Continue the council as is until CGIA integration discussion is completed.*
- *Executive Committee members met with CGIA Board on April 13 and on June 3. Jacob Mark (member of CGIA Board and Council Executive Committee) is facilitating the creation of a proposal for the CGIA board to adopt at their next Board meeting. I will not go into details of what was discussed at these meetings. The proposal covers:*
 - *Name change to reflect that the Council will be under the wing of CGIA*
 - *Membership Expectations: When does someone need to be a CGIA member to participate in Council activities*
 - *Advocacy role*
 - *Operational/Logistical Support*
 - *Tribal Government constituency seat on the Board*
 - *CGIA bylaws changes that would be needed to fully implement*

Note that CGIA is in the election process for several board seats and for Vice Chair. Those elected will start their term July 1.

After the CGIA Board decision, motion(s) will be brought to the CA GIS Council at the September quarterly meeting for voting by Council members

Kimberly LaBella expressed concerns about direction of CA GIS Council, lack of transparency, and lack of in-person meeting.

10:20 - 10:30 Update from Office of the State GIO – Isaac Cabrera, CA Department of Technology

No Update

10:30 - 11:55 Workgroup and Other Reports

Education Workgroup - Danielle Bram

Mono Simeone – Still working on the education survey.

Tribal Workgroup - Donna Begay

No Update

Policy Advisory Workgroup - Jacob Mark

Next edition of Under the Dome coming out next month. Not sure about live briefing yet. Jacob is waiting for end of budget for next update. Contact Jacob about GIS related legislation items.

James Wingate mentioned SB 865 that requires all underground utilities be mapped using GIS beginning 2023.

Svetlana Smorodinsky asked if there is a formal definition of GIS in CA state law.

Communication and Collaboration Task Force – Chad Miller

To minimize the creation of fake user accounts on the CA GIS Council WordPress site, Chad attempted to fix and improve the site's Google reCAPTCHA security with limited success. Some spam is still getting through.

Elevation - Nate Roth

http://cgia.org/cagiscouncil/wp-content/uploads/2022/06/WorkgroupReport_Elevation_20220609.pdf

Lidar workshop held on 3/17 related to Forest and Shrubland use cases and derived products. Quality Level 0 lidar being collected in western Alameda County. Water Data Consortium held a Lidar workshop. Both technical and collaboration sessions. Survey results still being processed. Lower topography terrain could use increased vertical resolution.

Carol Ostergren thanks all the government organizations in helping fund Lidar collection.

Geodetic Control – Kevin Maxwell

<https://cgia.org/cagiscouncil/workgroups/geodetic-control-workgroup/>

The Board for Professional Engineers, Land Surveyors and Geologists (BPELSG) is in support of SB 1120 which will codify the State Plane Coordinate System of 2022. It will be a while before we see any geodetic control referenced to this new system, but it is a good idea for folks to be aware.

Nate Roth – added that SB 1120 is for definition only. It is not requiring use of the new coordinate system yet. Potentially 5 years out before general use.

Hydrography/NHD - Jane Schafer-Kramer

<http://cgia.org/cagiscouncil/wp-content/uploads/2022/06/NHD-Workgroup-Report-CA-GIS-Council-June-2022.pdf>

NHD Workgroup for the state includes CA DWR, USGS, CSU Chico, and CSU Northridge. NHD MOU between CA DWR and USGS was signed. NHD still at 1:24000 scale. Needs to be better. 3DEP will help. Recent Marin County project is an example. NV5 developed method to meet 3DEP standards. Dewberry and Woolpert are also working on proprietary methods extract hydrography from lidar. New data model for NHD from USGS. Chico and Northridge contract executed for NHD editing. LA river basin project ongoing. Work to integrate CDEC with NHD. Work to map SF bay boundary. Geopackage now includes attributes that are in the Esri file geodatabase. NHD state extracts archived back to March 2018. Contact Jane about NHD errors or data sources.

Even Soenke – USGS gauging stations in/near the Creek Fire of 2020 not streaming data. Carol Ostergren will follow-up.

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

No update

State Plane Coordinate System 2022 - Nate Roth

Nothing new to report.

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

11:45 - 12:00 General Announcements (Open)

Carol Ostergren - NAIP update 2022. Sixty cm 4band imagery is currently being collected in CA. Compressed County Mosaics (CCM) available potentially as early as September. Carol attended a NASA [WorldWind](#) re-launch webinar. There is improved integration of subsurface data for visualization. Carol offered to ask NASA to present or hold a webinar for the CA GIS Council.

Jane Schafer-Kramer is going to Esri UC and hopes to connect with many Council members. CGIA is holding a gathering Monday night of the conference.

Jane's last meeting as Chair of the CA GIS Council. Much appreciation expressed by members for Jane's leadership for the past two years.

Mono Simeone announced that the UC system is looking into the security policy of their GIS and asked what others are doing with respect to Esri GIS security. Various points were discussed including data security breaches and potential liabilities. Nate Roth mentioned that only public data is allowed on AGOL for the CA Natural Resources Agency. Steve Goldman mentioned that Esri should be meeting FedRAMP medium this year which will help the state determine the security implications of GIS in the cloud. Currently, public data only allowed in AGOL and with all other internal data only allowed in ArcGIS Enterprise. Jane suggested to reach out to Isaac for more information about CA state GIS security policy. Many members expressed interest in further discussion about GIS security.

Future Meetings of CA GIS Council

September 8, 2022

(Is anyone interested in a hybrid meeting, with in-person attendance option in downtown Sacramento?) Yes, there were many members on the call who expressed interest in a hybrid meeting in Sacramento. Jane will reserve a conference room in the new resources building.

December 8, 2022

(Meetings to be held at 10 a.m. to 12 noon; dates and times subject to change. Check the website for details: <https://cgia.org/cagiscouncil/>)

Send questions and comments to ca.gis.council.chair@gmail.com

Follow us on LinkedIn

<https://www.linkedin.com/company/california-gis-council>

<http://cgia.org/cagiscouncil/wp-content/uploads/2022/06/NHD-Workgroup-Report-CA-GIS-Council-June-2022.pdf>

Chat:

10:00:18 From Jane Schafer-Kramer to Everyone:
Please introduce yourself in the chat. I'm Jane Schafer-Kramer with the CA Dept. of Water Resources

10:00:45 From Mary Hurley to Everyone:
Mary Hurley - CGIA

10:00:55 From Chad Miller to Everyone:
Good Morning - Chad Miller County of Monterey

10:01:04 From carol ostergren to Everyone:
Carol Ostergren, USGS, costergren@usgs.gov

10:01:19 From Kate Thomas (CGS) to Everyone:
Good morning. Kate Thomas - GIS Unit Supervisor, CA Geological Survey.
Kate.Thomas@consevation.ca.gov

10:01:29 From Evan Soenke to Everyone:
Evan Soenke, County of Fresno, Internal Services IT - GIS esoenke@fresnocountyca.gov

10:01:30 From Thanaphat Srisukwatana to Everyone:
Pat Srisukwatana from County of Fresno Public Works. tsrisukwatana@fresnocountyca.gov

10:01:36 From Steve Goldman to Everyone:
Steve Goldman CDFW steve.goldman@wildlife.ca.gov

10:02:20 From Ryan Lopez to Everyone:
Ryan Lopez rylopez@fresnocountyca.gov Fresno County Department of Public Works & Planning

10:02:40 From Chad Miller to Everyone:
<https://www.census.gov/newsroom/stories/juneteenth.html>

10:03:35 From carol ostergren to Everyone:
Thank you Jane!

10:03:47 From Scott Daeschner to Everyone:
Scott Daeschner with City of San Diego, Dept. of IT Enterprise GIS. sdaeschner@sandiego.gov

10:03:51 From James Wingate to Everyone:
James Wingate
Underground Service Alert of Northern California and Nevada
(USA North 811 -- "call before you dig")
James.wingate@usan.org

10:04:52 From Svetlana Smorodinsky to Everyone:
Svetlana Smorodinsky, Disaster Epidemiologist, CDPH

10:06:34 From Rachel Marquez to Everyone:
Rachel Marquez - Los Angeles County eGIS rrodriguez3@isd.lacounty.gov

10:07:09 From Jennifer Dooley to Everyone:
Jennifer Dooley - Moulton Niguel Water District - jdooley@mnwd.com

10:18:42 From Rachel Marquez to Everyone:
Whom is talking (with the phone connection)? first name only. :)

10:19:35 From Chad Miller to Everyone:
Here is the current CA GIS Council charter <http://cgia.org/cagiscouncil/wp-content/uploads/2015/02/California-GIS-Council-Charter-Adopted-January-7th-2015.pdf>

10:20:49 From Jane Schafer-Kramer to Everyone:
@Rachel, the speaker on the phone is Kimberly LaBella

10:21:10 From Rachel Marquez to Everyone:

thank you Jane!

10:21:35 From Chad Miller to Everyone:

Here is the current CA GIS Council Executive Committee <https://cgia.org/cagiscouncil/executive-committee/>

10:24:55 From Evan Soenke to Everyone:

He was on, but appears to have dropped off the call

10:27:28 From jacob mark to Everyone:

jacob.mark@woolpert.com

10:28:27 From James Wingate to Everyone:

Hi Jacob. I am interested in participating in policy-related discussions. I will email you.

10:29:05 From Jane Schafer-Kramer to Everyone:

send policy news to Jacob or to ca.gis.council.chair@gmail.com

10:29:22 From James Wingate to Everyone:

In relation to legislation -- I assume this group is aware of SB 865 from 2020 which will require all new utility lines to be mapped in a GIS system beginning 1/1/2023

10:30:17 From jacob mark to Everyone:

please reach out to me James with any resources you have on this. thanks so much for sharing!

10:30:31 From jacob mark to Everyone:

jacob.mark@woolpert.com

10:31:44 From mono simeone to Everyone:

👍 yes, fantastic. I hope orgs will comply and with accurate data.

10:33:29 From carol ostergren to Everyone:

Is Joy Bonogoro trying to articulate some of this stuff?

10:34:20 From James Wingate to Everyone:

California Government Code 4216

See 4216.3(a)(5), which reads:

[...]

Commencing January 1, 2023, all new subsurface installations shall be mapped using a geographic information system and maintained as permanent records of the operator. This paragraph shall not apply to oil and gas flowlines three inches or less in diameter that are located within the administrative boundaries of an oil field as designated by the Geologic Energy Management Division. [...]

https://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?lawCode=GOV&division=5.&title=1.&part=&chapter=3.1.&article=2.

10:35:18 From Melissa Christie to Everyone:

Check out the NSGIC National States GIS Council website for information on how GIS is defined.

10:35:32 From carol ostergren to Everyone:

There may be something at the Federal Geographic Data Committee

10:36:13 From Rachel Marquez to Everyone:

I need to jump off. Thank Jane & everyone for your hard work.

10:36:20 From Jane Schafer-Kramer to Everyone:

<https://lhc.ca.gov/report/mapping-strategy-gis>

10:40:00 From Chad Miller to Everyone:

Elevation Report: http://cgia.org/cagiscouncil/wp-content/uploads/2022/06/WorkgroupReport_Elevation_20220609.pdf

10:40:47 From James Wingate to Everyone:

If this group is interested in learning more about the "call before you dig process" I would be happy to give a presentation. As you might imagine, GIS is the core of everything we do in protecting underground utility infrastructure.

10:41:30 From Ryan Lopez to Everyone:

I would love to hear it James.

10:41:57 From Chad Miller to Everyone:

That would be fantastic James. I will follow-up with you for potential presentation at next meeting in September. Thanks!

10:42:07 From jacob mark to Everyone:

you have my vote, James!!

10:45:18 From jacob mark to Everyone:

QL0, wahoo!!

10:45:29 From Kate Thomas (CGS) to Everyone:

That's fantastic!

10:45:40 From Jane Schafer-Kramer to Everyone:

lidar status map

<https://www.arcgis.com/apps/View/index.html?appid=9204adf2fd1546379b845d163ef2544a>

10:46:37 From carol ostergren to Everyone:

A portion of Alameda county is up

10:48:18 From carol ostergren to Everyone:

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

11:04:07 From Chad Miller to Everyone:

<https://www.usgs.gov/ngp-standards-and-specifications/national-hydrography-dataset-nhd-model-poster>

11:09:27 From Evan Soenke to Everyone:

Not sure if this is out of your scope: Some of the stream gauge feeds impacted by the Creek Fire in 2020 haven't been re-established with live-feeds, is this something with a timeline to update?

11:11:07 From carol ostergren to Everyone:

For USGS stream gages, we make note of these, but I am not sure about the resources needed to get these back on line.

11:11:43 From Evan Soenke to Everyone:

Thanks Carol :)

11:13:36 From carol ostergren to Everyone:

Evan, I can try to search out if you have locations for the USGS ones

11:14:03 From Evan Soenke to Everyone:

That would be great, let me see if I can get those

11:17:41 From Jane Schafer-Kramer to Everyone:

<https://worldwind.arc.nasa.gov/>

11:19:40 From Melissa Christie to Everyone:

Count me in!

11:19:51 From Kate Thomas (CGS) to Everyone:

Yes

11:20:00 From Evan Soenke to Everyone:

Site Name: BIG C NR MOUTH NR BIG CREEK CA

11:20:01 From Evan Soenke to Everyone:

USGS 11242000 SAN JOAQUIN R AB WILLOW C NR AUBERRY CA

11:21:51 From Steve Goldman to Everyone:

Thanks for all your great work Jane!!!

11:22:33 From Evan Soenke to Everyone:

Thank you Jane, this has been a very critical resource for pushing these items!

11:22:53 From carol ostergren to Everyone:

Evan, will check in the next few weeks!

11:22:54 From Laurie Williams to Everyone:

Thanks Jane!

11:23:32 From Evan Soenke to Everyone:

Thanks Carol - mostly those between Mammoth and Millerton for SJR

11:24:34 From Chad Miller to Everyone:

Esri's trust site: <https://trust.arcgis.com/en/>

11:28:58 From carol ostergren to Everyone:

Yes! 1000 thanks to Jane!

11:29:23 From Mary Hurley to Everyone:

Thank you Jane!

11:29:26 From Svetlana Smorodinsky to Everyone:

Thank you Jane!

11:29:38 From Kate Thomas (CGS) to Everyone:

Thank you!