

CALIFORNIA GIS COUNCIL

Quarterly Meeting – December 10, 2020 10:00 a.m. – 12:00 noon

Jane Schafer-Kramer, Chair and Ashlee Llewellyn, Vice Chair

GoToWebinar meeting registration:

<https://register.gotowebinar.com/register/3399827802281983500>

You will receive the meeting connection information by email when you register.

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

Sign up to join a workgroup at <https://forms.gle/DdPvoDWamotrYPHq7>

10:00 – 10:05 Welcome and Introductions Jane
There were 92 people in attendance.

New Constituent Initiatives – Open Call

10:05 – 10:15 Executive Committee Announcements/Reports Executive
Committee
Members
Meet the members by reading the post on our website:
<http://cgia.org/cagiscouncil/2020/10/09/executive-committee-election-results/>

Executive Committee (through September 30, 2021)

- City Government: John Schweisinger
 - County Government: Tim Pudoff
 - **Tim:** *Checking in, no real announcement, happy to be part of this and working with us.*
 - Education: Mōno Simeone
 - Federal Government: Carol Ostergren
 - Nonprofit: Stephanie Halpin
 - **Stephanie:** *No announcement, glad to be here, contact her for nonprofit information.*
 - Private Industry: Jacob Mark
 - Professional Associations: An-Min Wu
 - Regional Council/Collaborative: Steve Steinberg
 - State Government: Nathaniel (Nate) Roth
 - **Nate:** *No specific items, but to all state gov folks, will make his email available (Nathaniel.roth@conservation.ca.gov) to discuss items for the Council. Knows there are state positions available, will post them to LinkedIn.*
 - Tribal Government: Donna Miranda Begay
 - *[Moved comments to her work group section]*
 - Utilities: Kimberly LaBella
 - *[Kimberly wanted to speak, but she was phone only which did not work with the gotomeeting platform, Jane briefly introduced her.]*
 - State Geographic Information Officer: Isaac Cabrera
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Announcement

The National Geospatial Advisory Committee (NGAC) of the Federal Geographic Data Committee (FGDC) has developed a new National Spatial Data Infrastructure (NSDI) Strategic Plan.

<https://www.fgdc.gov/nsdi-plan>

Jane: Submitted comments to the draft plan, final plan was posted a few weeks ago, only discovered it last week and have not read it yet, but it incorporated a concern that we (Council) had regarding no mention of providing resources for data stewardship. We invite folks to read this document. If you have feedback for the Council regarding what we can do, let's talk about it; send an email to ca.gis.council.chair@gmail.com

10:20 – 10:35

Report from State Geographic Information Officer

Isaac Cabrera

[No report, was on a special assignment]

10:35 – 11:25

Workgroup Reports

Elevation/Statewide LiDAR – Nate Roth

Four California applications were submitted to the 3DEP BAA

Several new 3DEP projects are due to for release in the next few months. Workgroup Report is posted:

[http://cgia.org/cagiscouncil/wp-](http://cgia.org/cagiscouncil/wp-content/uploads/2020/12/ElevationWorkgroupReport_20201210.pdf)

[content/uploads/2020/12/ElevationWorkgroupReport_20201210.pdf](http://cgia.org/cagiscouncil/wp-content/uploads/2020/12/ElevationWorkgroupReport_20201210.pdf)

Note: New 3DEP datasets, available through FTP Site with USGS. A few are available through the national set. Updates on how they are distributed, so many may be momentarily unavailable but will come back. Boat load of collections that are in progress, advanced planning stages or collecting and are in tail end of data QA/QC. El Dorado, Carr Fire, Hires Fire, and Yosemite Park LiDAR datasets to become available in next few months, and some more quickly than that. Others are in process and a little farther out such as Southern Sierra, was recently overlapped by the creek fire so emergency response staff has been given special access already.

State Plane Coordinate System 2022 – Nate Roth

Release of SPCS 2022 is being delayed. The default layout

(population weighted zone parameters) for SPCS 2022 appears to be moving forward for California as a whole. NGS has not yet received any submissions for low distortion projections for any region of California. Workgroup report posted at

http://cgia.org/cagiscouncil/wp-content/uploads/2020/12/SPCSWorkgroupReport_20201210.pdf

Nate: Rollout delayed due to COVID but also issues with survey funding efforts, likely to be 2025, consistent with prior delays on other releases, will keep 2022 moniker for the project. For CA, no one has challenged the proposal so far, defaults use population weighted parameters so that distortion is reduced in highly populated areas, boundaries of primary zone level will look a lot like current state plane coordinate system zones with addition of one statewide zone that overlaps entire set. State of AZ submitted a low distortion projection zone, CA was consulted but not active participant, DWR responded with no objections. LA County submitted request to design a low distortion design, will overlap but not replace zone 5, separate scale, not yet submitted to geodetic survey for review and approve or deny.

Call to help plan a webinar or webinar series to get education part of this rolling along (assistance with putting together materials). Please contact Nathaniel.Roth@conservation.ca.gov to help.

Jane: Department of Water Resources has formed a Datum 2022 Workgroup to identify impacts of the coming changes for program and budget planning; items such as training manuals, standards documentation, any computer models that use spatial data such as streamgage locations, general awareness for GIS users, etc.

Tim: Is there a person at ESRI to advise us on these things and can help educate?

Nate: Will look it up and get it back to everyone.

Nakul Bhatia: Esri Solution engineer out of Sacramento, volunteered to help coordinate effort.

Emergency Response – Isaac/Steve Gay (Esri)

[Steve and Isaac not here to talk in depth]

Ashlee: We are working on a charter, email me (allewellyn@marincounty.org) if you want to join and I will add you to the Slack channel. *[5 joined during/after meeting]*

Jane: I suggest at the next meeting or even before the next meeting we do a presentation/update on what this group is working on.

Tribal Workgroup – Donna Begay

Workgroup page: <http://cgia.org/cagiscouncil/workgroups/tribal/>

Announcing: Webinar on the Digital Atlas of California Native Americans, presented by Jason MacCannell, Tuesday, December 15 at 11:30 a.m. <http://cgia.org/cagiscouncil/2020/11/23/webinar->

[digital-atlas-of-california-native-americans/](#)

Donna: Reaching out to John Mosley at the Bureau of Indian Affairs regarding status on Esri licensing and training opportunities for tribes in general. Jason will present on 12/15 on the Digital Atlas of California Native Americans.

Jane: Join us on Tuesday for that presentation.

<http://cgia.org/cagiscouncil/2020/11/23/webinar-digital-atlas-of-california-native-americans/>

Jane: The DWR Tribal Policy Advisor Anecita Agustinez is requesting help to provide a workshop and listening session for non-federally recognized Tribes that don't have access to ArcGIS software, licenses, and training. Seeking ideas on workflows using free or very low-cost entry-level resources. Please contact Jane.Schafer-Kramer@water.ca.gov

Nakul: the Learn ArcGIS is a good resource with lessons available for beginners: <https://learn-arcgis-learnGIS.hub.arcgis.com/>

Next Gen 9-1-1 – Rachel Rodriguez Marquez and Gene Barrera
Workgroup page: <http://cgia.org/cagiscouncil/workgroups/next-generation-9-1-1-working-group/>

Gene: Looking to the Council to aid in education and outreach. NG911 is a GIS based approach for dispatching emergency service calls for local and regional emergency services. CalOES is implementing it for the state but they are looking to the locals for content/data. They will start out with public safety boundaries associated with local law enforcement agencies. The state will then be acquiring address and centerline data from the locals. Gene has been cleaning up Merced County's data; currently working on consolidating local data and getting it into a consistent state standard which is consistent with the standard of the National Emergency Numbering Association. Recognize that some jurisdictions may have challenges doing this. This Workgroup will focus on a public outreach program.

Rachel: Did not know where CalOES stood with implementation so that has been holding us up. Meeting in Nov. they dropped the bomb, the ground rules, state only concerned with county data to state repository, so county and local jurisdiction are responsible for ground up. The working group can assist all the local agencies to understand the requirements and coordination. If you need support, join this workgroup.

Diana Beasley: For CA Tribes who assign and maintain their own addresses, is Next Gen 911 going to reach out for street and

address data directly, or should tribes contact their local county to ensure the addresses and streets are included?

Rachel: Both!!

Gene: QC standards, quality is difficult

Phil: Can you paste the website that has the geodatabase model?

Rachel:

Existing Data Model

<https://www.nena.org/page/NG911GISDataModel>

Existing Standard

https://dev.nena.org/higherlogic/ws/public/document?document_id=20881&wg_id=b898e98a-c70d-4494-81b1-38a69ca160b1

Proposed Standard

https://dev.nena.org/higherlogic/ws/public/document?document_id=20881&wg_id=b898e98a-c70d-4494-81b1-38a69ca160b1

Hydrography/NHD – Jane Schafer-Kramer

Update on the collaborative effort to improve and densify the National Hydrography Dataset within Marin County using Lidar-Derived Hydrography methods, by project manager Danny Franco, Golden Gate Parks Conservancy and technical consultant Cathy Power of Quantum Spatial Inc.

Report is posted on the webpage:

<http://cgia.org/cagiscouncil/workgroups/hydrography/>

Jane: I invited Danny and Cathy to talk today.

[Danny presented on the Marin Countywide LiDAR Derived Hydrography project; PowerPoint he presented can be located here.

<http://cgia.org/cagiscouncil/wp-content/uploads/2020/12/Marin-Hydro-Overview-12-10-2020.pdf>

Phil: Would really like to hear about the LiDAR effort for developing ladder fuels. Can you describe how well it is working? Is it available?

Danny: A lot of papers written on this, but for Marin and San Mateo, density of returns in 1 to 4M strata, reliable way to estimate ladder fuels for fire fuels, fire managers know ladder fuels are an important landscape variable

Unknown (someone commented in the chat to Francisco): For those who are interested in fuels management, I believe there will be a CA statewide tree mortality dataset published later this year by CA Forest Observatory.

Bruce Joffe: Why is storm drainage system not part of the hydrography map system?

Danny: Too expensive and too complicated!

Cathy: Dependent on where that data exists.

Joseph Kinyon: Fantastic news, thank you Danny Franco for presenting this update on your work and the complexity of the successful partnership. Looking forward to your success. The Sonoma Veg Map has been such a rewarding and ongoing treasure chest of resources thanks to the work of Mark Tukman and Tom Robinson and I hope you and we are similarly rewarded for your efforts in Marin, it's hard to imagine a world without this data now especially for hydrology that extends and connects our landscape beyond our shared county boundary. Everything you are presenting was an initial goal of the Golden Gate Lidar project 11 years ago and it is nice to see what was hoped for as a result for that project and earlier veg maps at Point Reyes National Seashore coming to reality through your work. So many folks have been working and hoping for this quality work for so long. Hurray!

Laurie Williams: Such a great project for Marin County!

Danny: Could not have done it without you Laurie!

Geodetic Control – Scott Martin

[No activity this quarter] Workgroup page is

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

Charter Review and Strategic Plan – Jane Schafer-Kramer

Jane: Did not meet this quarter, action item is on me to send out survey to get ideas about things we think the Council's future direction should be, where we are now and where we need to go. In her observation, to keep Council momentum going at this level has been a huge challenge, so the survey did get parked on backburner while dealing with things like new workgroups, admin stuff like communications, etc. hoping these other things slow down.

Workgroup page is

<http://cgia.org/cagiscouncil/workgroups/strategic-plan/>

Communication and Collaboration Task Force – Ashlee Llewellyn

Ashlee: In addition to myself, Jane, Shital and Rachel, we have a new member, John Schweisinger who is also now part of the executive committee, he has a web development background and has agreed to take on or assist with many of the tasks related to the website and various other communication platforms.

We met again a few weeks ago and will meet again in January. Action items are now split into three categories: website, list serve, and communication platforms (LI, Slack, Google Site, AGOL, etc.) Regarding the website: working on FREE ways to jazz up the website such as using some WordPress themes (big thanks to John) and removing, updating, adding content/functionality to improve the use of the site. Speaking of, someone just asked in the chat, "How would you join the Emergency response workgroup as it isn't an option on the website unless it is under Strategic Planning?". We are working on a new sign up form, we learned recently we no longer have access to the current one, we will update the members when we do this, in the meantime email me directly or the Council email. In fact, I have already received four messages between email and Slack about members wanting to join this workgroup.

New workgroup signup form: Sign up to join a workgroup at <https://forms.gle/DdPvoDWamotrYPHq7>

Regarding the list serv: Jane will be sending out notification retiring the list serv and we are working on ways to improve the notification process within WordPress.

Regarding communication platforms: Internally, still migrating admin documents to google site. LinkedIn (<https://www.linkedin.com/company/california-gis-council/mycompany/>) has 325 members in just over 2 months. Working with GIS Corps on AGOL license for the council, I can then create the survey Jane mentioned. Rachel is working on a communication strategy and documentation for various platforms. We've had discussions about Twitter and YouTube, how they can be leveraged to assist with Council business. Logo contest is on hold for now.

11:25 – 11:55

New Workgroups

Jane: This really is a lot of work. Coordinating the work of the Council is easily a full-time job, but we don't have a full-time staff person, so we need more help from members. Sign up to join a workgroup at <https://forms.gle/DdPvoDWamotrYPHq7>

Education, initiated by Danielle Bram, Center for Geospatial Science and Technology a CSU-Northridge

Danielle: Students asked about involvement, wanting to build this community to standardized and build community within higher education, want formal mechanism to effectively participate in statewide effort. Charter still being worked on. Members include:

Danielle Bram

California State University, Northridge

Jason Schwenkler	California State University, Chico
Mono Simeone	UC San Francisco
Erin Mutch	UC Merced - Spatial Analysis and Research Center
Michele Tobias	UC Davis
Tim Pudoff	Santa Rosa Community College
Dan Scollon	Shasta College
Hugh Howard	American River College
An-Min Wu	USC Spatial Sciences Institute

Public Policy and Legislative Analysis, initiated by Jacob Mark, GIS Specialist with Woolpert, Inc, working in Los Angeles

Jacob: Met on December 1. Members so far include Steve Steinberg, Isaac Cabrera, Mary Hurley, Jochen Albrecht, Glenn O'Grady, and Jane Schafer-Kramer. (Rachel Marquez and An-Min Wu have since joined.) Cross council efforts with other workgroups and with CGIA on advocacy, working on charter for this workgroup. Initial focus will be on the recommendations of the Little Hoover Commission and AB 2209.

Bruce Joffe: I think it is important that the Cal GIS Council be designated as the official advisory committee. We hold both a consistency over three decades and a collection of some of the most actively involved GIS professionals in the state.

Gene: Huge need for this coordination, looking forward to making progress on this with the Council.

Administrative Boundaries, initiated by Isaac and Ashlee

Ashlee: Myself, Jane, Nate, and Isaac met, but I'm taking step back on this group to focus on the many other needs of the Council, but Isaac is happy to help facilitate this at state level. Charter is being worked on. New members include Tim Pudoff (County of Sonoma) and Clayton Guiraud (DWR).

Gene: NG911 provisioning boundaries should be in alignment with each other, need to coordinate with one another.

Ashlee: Great to know! Exactly what we want to help facilitate.

Nate: Isaac is looking into what is most appropriate engagement and tech platform perspective to work together on those boundaries being in agreement with each other, local review, and approvals.

Sign up to join a workgroup at
<https://forms.gle/DdPvoDWamotrYPHq7>

11:55 – 12:00

General Announcements and Closing

Webinar Digital Atlas of California Native Americans, presented by Jason MacCannell, Tuesday, December 15 at 11:30 a.m.

<http://cgia.org/cagiscouncil/2020/11/23/webinar-digital-atlas-of-california-native-americans/>

Jason: Worked with the governor's office to acknowledge the genocide, started the digital atlas (historical and cultural), funding came in a few years later to work on this.
<http://nahc.ca.gov/cp/tribal-atlas-pages/>

The Atlas is posted at <http://nahc.ca.gov/cp/>

Recording of the Digital Atlas' Walk-Through Webinar:

https://www.youtube.com/watch?v=Ikl4BhfDI1o&feature=emb_logo

Next meeting: March 11, 2021, 10-12