

Final Listing of Proposed Presentation Concepts (26) for 2026 CA Native Proposed Presentations - Plenary / Break Out Roomt / Computer Lab
Updated 3/14/2026

	Presentation Lead Contact Name	Tribal or Organization Name(s) involved with presentation	Brief Description of your presentation (1200 Characters Max)	How will your presentation benefit California Native American Tribes and/or Summit Participants (i.e., Tribal, Public Agencies, Youth, Educators) - 1200 Characters Max)
1	Dean Tonenena	Kootzaduka'a Tribe of California and Nevada	Tubabe Mabetsea Natuneddooe, which is translated as the Pinyon Pine Traditional Stewardship Study, is a project to document how traditional indigenous stewardship practices within pinyon pine forests promote ecological health of pinyon pines by producing optimal environmental conditions that protected pinyon pine from catastrophic wildfire and infestations of viral and insect pests. Over generations of time, indigenous stewardship practices created distinct and identifiable stand characteristics, that allowed for a greater understory species diversity which created habitats for a variety of wildlife needs. Indigenous lifeways within pinyon forests resulted in fuels reductions that protected forests from excess woody fuels that lead to devastating fires. This presentation is designed to share the results of this three year project.	The information provided in this presentation will be useful to Tribes and others who want to conduct a similar study within pinyon pine forests to better understand how traditional lifeways and practices promoted healthy forest stands. For Tribes with forests, other than pinyon pine, this approach and methodology can be modified and customized to conduct a similar study. No matter the forest type, having this type of data can help refute those who attempt to provide an alternative ecological hypothesis which diminishes the influence of Indigenous stewardship on landscapes. This type of information can also help forest stewards think more creatively on how forests can be cared for.
2	Miguel A. Luna	Fernandeño Tataviam Band of Mission Indians, Tataviam Land Conservancy, Climate Resolve, Council for Watershed Health	This presentation highlights the Fernandeño Tataviam Band of Mission Indians' development of the Tataviam Environmental and Cultural Data Mapping Portal, a sovereign Tribal GIS platform designed to advance climate resilience, cultural stewardship, and data driven decision making. Developed in partnership with Climate Resolve, Council for Watershed Health, and Tataviam Land Conservancy, the project centralizes more than 100 environmental, cultural, and climate datasets and incorporates findings from the State's Fifth Climate Change Assessment. The session will walk through the project's structure, including public facing climate hazard map applications, internal tribal sensitive datasets with tiered access controls, and interactive atlas tools designed for non GIS staff. Presenters will share lessons learned in data cleanup, cultural resource protection, metadata standardization, and cross agency coordination. The presentation demonstrates how Tribal data governance, traditional ecological knowledge, and climate science can be integrated within a secure, scalable GIS framework that strengthens long term resilience planning.	This presentation provides California Native American Tribes and Summit participants with a practical and replicable model for building a sovereign Tribal GIS platform that supports climate resilience, cultural protection, and strategic planning. Participants will learn how the Tribe centralized over 100 spatial data layers, implemented tiered access controls for public, internal, and sensitive datasets, and aligned Tribal priorities with statewide climate data. Tribal leaders and staff will gain concrete strategies to strengthen data governance, protect cultural resources, and integrate traditional ecological knowledge with climate hazard mapping. Public agencies will better understand how to collaborate with Tribes in ways that respect data sovereignty and improve cross agency coordination. Youth and educators will see how GIS tools can support storytelling, environmental stewardship, and technical career pathways. Attendees will leave with clear steps to build internal capacity, secure funding, and develop sustainable GIS systems.
3	Carmen Lucas	Kwaaymii Laguna Band	After years of research, site visits, consultation, and mapping, in 2025, the Team submitted to SCIC an updated site form for the Southeast Lake Cahuilla Active Volcanic Cultural District (SELCAVCD) in Imperial County, California. This was followed in 2026 by the submission to California SHPO of a nomination of the property to the National Register of Historic Places. The SELCAVCD is an approximately 10,000 acre traditional cultural landscape and tribal sacred area at the southeast edge of the Salton Sea, California's largest lake. The area is also targeted for further geothermal facilities and novel direct lithium extractive industries. The presenters were awarded the 2023 Governor's Historic Preservation award for the Traditional Cultural Property (Place) Evaluation Report for Ah-Ha' Mut-ta-ti'e (Water Mountain) San Diego County, California, which also took a multidisciplinary approach to documenting a tribal cultural landscape.	The presentation should be of interest to California tribes as it shows the possibilities of what can happen when tribal oral histories and ethnographic information are harnessed with GIS technology to produce mapping that documents the important Legends of our Ancestors so their history is not erased. It is also important for public agencies as they can better understand how information shared during AB 52, SB 18, and other consultative processes can fit into tribal cultural resources determinations under CEQA and how supporting meaningful documentation upfront can help streamline future project considerations by getting ahead of individual projects. The presentation is important to youth so that they can see how to work with their elders and seniors and develop a deeper appreciation for their contributions and knowledge. It is relevant to educators so that they can see that California tribes are not extinct and that places on the landscape still hold connections to the old ways.

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4	Gabriela Morales	SDSU Collaborative of Native Nations for Climate Transformation and Stewardship (CNNCTS)	We will present the development of a web-based GIS data portal called the Plant Explorer, an ecological modeling product built using ArcGIS Online applications. The Plant Explorer is an interactive adaptation tool designed to organize and visualize habitat data, species distributions, and restoration-relevant attributes. This presentation will highlight how ArcGIS tools can be harnessed to build user-friendly platforms that support stewardship and restoration planning. Additionally, interactive tools like this can serve Tribal partners and local communities by providing spatial tools that support land-based knowledge, restoration priorities, food systems, and culturally significant plants. While the presentation will mainly showcase the Plant Explorer, we will also briefly introduce our other interactive tools built with ArcGIS Online applications that can also aid in land-stewardship and natural resource decision-making.	The Plant Explorer presentation will benefit Tribes and summit participants by showing how ArcGIS Online and ArcGIS Hub can be used to build interactive, web-based GIS portals for sharing data and resources. Participants will see how spatial tools can support habitat analysis, species distribution mapping, restoration planning and culturally significant plant research within their own communities. We aim to provide attendees with ideas and technical strategies they can adapt to shape, manage, and visualize their own data resources in ways that align with their community priorities.
5	Leece Oliver LaRue	Karuk Tribe Sipnuuk Division	Tribal Spatial Data Repatriation: Using Historical Maps to Manage Contemporary Resources	Benefits will include context of how to use archival and historical maps for current management of natural resources at plant-level stewardship to landscape scale. By using historical imaging and photo analysis, as well as archival accounts of ecological conditions, the facilitators will guide toward skills and beginning databases to start identification of primary sources that aid in developing environmental management strategies.
6	Jeremy Sorgen	Robinson Rancheria, Big Valley Rancheria, Northeastern University, UC Berkeley	We will present the Hitch Stories ArcGIS StoryMap and animated film. Hitch Stories is an intergenerational storytelling project with Pomo Elders and youth to share stories about the hitch, an ecocultural keystone species of minnow endemic to Clear Lake that is currently at risk of extinction. Youth recorded Elder's stories, which are housed in Tribal Archives and a selection of these stories are featured in the StoryMap, which tells the story of Clear Lake (Xabatin) from Pomo perspectives.	The presentation will showcase the work of participating Pomo Tribal members and help spread the word about the cultural significance and challenges facing the hitch fish at Xabatin/Clear Lake, California. In addition to showcasing the history and culture of Pomo Tribes, we will discuss data sovereignty issues, university-Tribal partnerships, and cultural revitalization and stewardship.
7	Louis Curson-Mayorga	Indigenous Futures Society	Nations across the Sierra Nevada bioregion, partners with Tribes to build GIS ecosystems grounded in data sovereignty, where governance, control, and long-term stewardship of data remain with the Tribe. Within that framework, we collaborate around OpsReady as one tool in a broader suite, developing individualized Tribal workspaces structured around Tribal priorities and governance processes rather than agency-driven models. At the infrastructure level, we support enterprise GIS deployments that place server administration and data control directly in Tribal hands, including options for local hosting on Tribal property to create secure, sovereign systems. This session will share both the technical architecture behind this approach and the relational work required to make it successful, centering trust-building, long-term partnerships, and respectful engagement with Tribal communities so that technology strengthens sovereignty rather than complicates it.	This presentation will benefit California Native American Tribes and Summit participants by providing a practical framework for building GIS systems that prioritize data sovereignty, governance control, and long-term sustainability. Tribal staff and leadership will gain insight into how enterprise infrastructure, local server hosting, and customized workspaces can strengthen internal capacity and reduce reliance on external vendors. Public agencies and partners will better understand how to engage Tribes respectfully in GIS collaborations by centering relationship-building, listening, and alignment with Tribal governance structures rather than compliance-driven models. Youth and educators will see how technical GIS skills can be combined with sovereignty-centered values to support cultural stewardship, emergency response, and long-term community planning.

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8	William Howell	Yuhaaviatam of San Manuel Nation	This presentation shares how the GIS Champions Program strengthens Yuhaaviatam of San Manuel Nation by training YSMN departments to independently access, manage, and visualize their spatial data. Built in collaboration with ESRI's foundational ArcGIS skills, team members become self service Champions. The Champions program builds internal capacity across departments (from Environmental and Public Works to Fire, Cultural Resources) enabling faster insights, clearer communication, and more informed decision making. Attendees will see how the Champions workflow, training tiers, and community engagement efforts that convert stakeholders into GIS Champions.	This presentation will benefit California Native American Tribes and Summit participants by demonstrating how the GIS Champions Program builds internal capacity, strengthens sovereignty over Tribal data, and supports long term stewardship of land, resources, and community wellbeing. By training Tribal staff to independently access, analyze, and visualize spatial information, the program reduces reliance on GIS department alone and empowers them to become Champions of their own data.
9	Shasta Gaughen	Pala Band of Mission Indians	Based on the work of the FAIR+CARE Cultural Heritage Network, this presentation will discuss the importance of Tribal data and knowledge sovereignty through application of the FAIR+CARE framework.	California Native American Tribes and summit participants will benefit from learning about the CARE+FAIR principles and how they can be applied to protect Tribal knowledge and data. Tribes will have tools to develop their own data sovereignty protocols, and public agencies will learn why data sovereignty is critical to effective working relationships with Tribes.
10	Cynthia Ritmiller	US Geological Survey	The U.S. Geological Survey (USGS) National Geospatial Program (NGP) has a broad portfolio of programs and initiatives, offering a suite of geospatial data and services that advance science, support government, enlighten citizens, and enable decision-making. The National Map provides a foundation of digital geospatial data representing the topography, natural landscape, and constructed environment of the United States. The National Map includes a diverse array of geospatial products and services that support and enhance planning, mapping, analysis, and response. The 3D National Topography Model (3DNTM), includes the 3D Elevation Program (3DEP) and the 3D Hydrography Program (3DHP), through the Data for the Nation cooperative projects. This presentation will showcase National Map products, services, and applications.	USGS can provide free GIS data or products (US Topo maps). USGS honors Tribal Sovereignty and would like to ensure Tribal Members know how to contact us with any questions.
11	Tara Quitavon	State Water Resources Control Board - Tribal Affairs, Division of Drinking Water	Geographic Information Systems (GIS) support how the California Water Board's Division of Drinking Water (DDW) visualizes public health risk and infrastructure conditions across California. Spatial tools help identify failing and at-risk systems, assess disadvantaged community status, evaluate consolidation feasibility, and reflect infrastructure vulnerability documented through the SAFER Needs Assessment. GIS layers also provide context on drought and wildfire exposure, informing broader program considerations. DDW's mapping tools rely on state regulatory datasets. Tribal drinking water systems are not fully included in those datasets, which creates a visibility gap in statewide risk and infrastructure mapping. This session will share how DDW applies GIS in public health protection, explain where data gaps exist, and invite dialogue on voluntary, sovereignty-respecting approaches to improving visibility and coordination.	This presentation offers a transparent look at how the California Water Board's Division of Drinking Water's (DDW) GIS tools are structured, what data they use, and where Tribal drinking water systems are or are not represented in state regulatory datasets. These gaps affect how statewide conditions are visualized and how the California Water Board understands risk and infrastructure context when coordinating with funding programs. The presentation is not a request for Tribal data, nor is it tied to funding eligibility or prioritization. Its value lies in clarifying the current technical landscape so that any future discussions about visibility, coordination, or funding pathways can occur on accurate terms and with respect for Tribal data sovereignty. Participation from Tribes is entirely optional; the intention is to provide transparency and invite perspective.

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12	ANDREA PEREZ	Riverside University Health System - Public Health	"American Indian/Alaska Native Health in Riverside County" This presentation will highlight health outcomes of American Indian and Alaska Native Residents in Riverside County. Another approach was aggregating the population for tribal reservations and calculated rates to identify possible health outcome differences in comparison to countywide population. Geocoding data, and joining by the correct boundaries plays an essential role in calculating the health outcome rates.	Share importance of communicating what boundaries data should be restricted to. share best practices for epidemiological practices (population denominators to use). Share data for AI/AN community in Riverside County. create awareness of ability to request data from their county. Spark thoughts of how Tribes/IHS and county gov't can collaborate (what can we do to help/support? CCHDLME is a public health group that would like to figure out how to provide tribes with the data they have a right to per federal law as Alaska has done recently, if there are public health orgs this will be very relevant, CTEC (CA Tribal epidemiology center hasn't been able to access data, why not? I would like to bridge if only my county with local tribes, but CCHLDME is a statewide org or local and state epidemiologists interested in partnering with tribes statewide).
13	Thomas Crimmel	California Department of Forestry and Fire Protection	CAL FIRE publishes various datasets related to wildfire activity in California. In this presentation, we will review how and why wildfire and prescribed fire perimeter data is collected, where to view and access fire perimeters data, how and why vegetation burn severity data is being produced, where to view vegetation burn severity data, and what is next for the vegetation burn severity program.	CAL FIRE makes data available for use by partner agencies and the wider public. This presentation will expand on what data related to wildfires and prescribed fire can be accessed by Tribal organizations.
14	Helen Lopez	California Department of Forestry and Fire Protection	CAL FIRE works with California Native American Tribes in a variety of ways. This presentation will give an overview of CAL FIRE's mission, discuss recent accomplishments in enabling Tribal leadership on cultural burns, go into the nuts and bolts of the cultural burning program, highlight specific efforts currently being carried out with our Tribal partners in Southern California, and provide a roadmap of what's next for CAL FIRE and its Tribal partners.	This presentation would update Tribal community members and other individuals attending the summit on CAL FIRE's existing partnerships, collaboration, and cross-agency engagement with California Native American Tribes.
15	Julia Huddleson	California Department of Transportation (Caltrans), Cultural Studies Office in Sacramento	Caltrans maintains a confidential cultural resource geodatabase that aids the Department's management of cultural resources. This application, which contains GIS information and associated resource documents, has proven to be an effective tool for facilitating NAGPRA and CalNAGPRA consultation. The information is used for resource management in support of Caltrans projects, in consultation with California Native American Tribes. Caltrans has developed a GIS layer within the application that is used to help facilitate NAGPRA/CalNAGPRA consultation by identifying collections within the appropriate geographic areas of interest for each specific tribe. Each cultural resource in the GIS is linked to the confidential document database that contains previously gathered information about the recorded resources and any associated reports. This tool assists Caltrans staff when compiling and sharing important cultural resource information with tribes during repatriation consultation.	This presentation could benefit California Native American Tribes and Summit Participants because it will provide details about the Caltrans' maintained geodatabase that aids NAGPRA/CalNAGPRA consultation and is available throughout all 12 districts in the state. Tribes who are interested in repatriation consultation with Caltrans may find it helpful to know that these maps and information are available as part of NAGPRA/CalNAGPRA engagement with each Caltrans district. It also provides an opportunity for tribes to provide feedback to Caltrans on maps and information used for repatriation consultation that would be most helpful to each tribe.

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16	Alex Shariatmadari	Cal OES	This session will explore how GIS technology and mapping tools are used in emergency management to analyze risk, visualize disaster impacts, and improve operational coordination. Examples will include real-world applications used by emergency managers to support response operations and disaster recovery planning.	This presentation will provide Tribal governments and Summit participants with practical insights into how GIS technology can enhance emergency management efforts. Attendees will learn how mapping and spatial data tools can improve disaster planning, situational awareness, and coordination during emergencies, ultimately strengthening community resilience. Also, this will help California Native American Tribes better understand how GIS technology can support Tribal emergency management programs.
17	Susannah Cohen	Office of Environmental Health Hazard Assessment, California Environmental Protection Agency	Brief introduction to the CalHeatScore Tool, including recent and upcoming updates, as well as resources designed to support its use in heat-vulnerable communities.	CalHeatScore is a public health tool to help Californians stay informed, ready, and safe when temperatures rise. The purpose of CalHeatScore is to reduce heat-related illness and save lives by translating meteorological, weather and health data into easy-to-understand heat risk alerts. This presentation will provide participants with knowledge of how to use CalHeatScore to benefit their communities. Also, this presentation includes how CalHeatScore is being integrated into State planning documents. Additionally, this presentation includes information about how to access both historic and current CalHeatScore data, including an upcoming API that can be integrated into other applications and web resources. Tribal members and other Summit participants will gain understanding of this important new California resource. Follow-up questions and conversations are encouraged, as the CalHeatScore team wants to learn from Tribes and other community members how the CalHeatScore tool can adapt and develop to meet the needs of all Californians, saving lives during extreme heat events.
18	Christina McCready	California Department of Water Resources	Presentation will include discussion of State implementation of the Open and Transparent Water Data Act of 2016 (AB 1755, Dodd), advancements in data sharing, and partnership opportunities to put water and ecological data to work.	The proposed presentation will describe resources, services available, and opportunities for engagement with respect to open data.
19	Andrea Perez	Riverside University Health System - Public Health	1) Native Youth and Early Career Networking in GIS (share opportunities for students and early-careers, free resources, best tips (SCAG, LA Geospatial Summit, volunteering and submitting to conferences/scholarships (GIS-Pro)), I am the Southern California Representative for CalGPN, my qualification: "young/early-career professional" I took advantage of submitting to conferences, put myself out there and strengthened my skills. 2) Skills Demo to share how to use R for GIS (open-source software), or other opensource software for webmapping, conversely I can present on ArcGIS Dashboards, Experience Builder, ArcGIS Pro if that's what's needed	Youth/Educators will learn about opportunities available to them, I will share data sources they have access to, the benefit of showing up. For skills demo it would be beneficial to users and people interested in expanding their knowledge (live demo(?) or prerecorded, or walkthrough workshop)
20	Coach Jackson	Coastal Defenders	Coastal Defenders Guardianship Pathway: Indigenous Leadership Youth + Young Adults (ILY)	Provide pathways to obtain resources and certifications for Indigenous guardianship.

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21	Travis Robinett, EPA Region 9; Shari Wendt, IHS	EPA Region 9, Indian Health Service	This will be a hands-on training workshop for how to use the IHS ArcGIS Field Maps application, an electronic tool used by EPA, tribal, IHS, and contractors to assess open dump sites to identify and document size, contents, and health risks to determine the level of deficiency of the site. The Indian Health Service is responsible to provide safe water supply, wastewater facilities, and solid waste facilities to existing, renovated, and new Indian Homes. As part of this mission, the IHS works with tribes to identify and assess open dump sites on lands owned by tribes and Native Americans. In this session, IHS and EPA representatives will provide information on the app, how it's used, how to obtain an account, and provide hands-on training with opportunities to practice using the app for open dump mapping.	Participants will learn about the app, what it's used for, how to obtain access through IHS, how to enter data, how that data relates to the IHS Sanitary Deficiency System (SDS), and what kinds of SDS projects the data can be used for justifying funding. Shari Wendt from IHS will provide in-person training, with hands-on assistance and opportunities to practice using the app for open dump mapping.
22	Kristeen Penrod	SC Wildlands (Science & Collaboration for Connected Wildlands)	How to effectively use GIS in grant applications (e.g., land acquisition, habitat restoration, cultural burning) to make the connection between culturally significant species and resources and protecting and restoring landscape scale connectivity and wildlife movement corridors. SC Wildlands worked with the Yurok Tribe and Western Rivers Conservancy for several years on grant proposals to raise funds for the 47,000-acre acquisition from Green Diamond within Yurok Ancestral Territory, and with Yurok Wildlife, Fisheries, and Cultural Resource Departments on the vision documents for the Blue Creek Sanctuary and Yurok Community Forest. Conserving and restoring connectivity for culturally significant species, such as coho and other salmonids, species dependent on late seral forests (condor, murrelet, NSO, marten, and fisher) and coastal prairies (condor, Mardon skipper, elk, deer), and for climate adaptation (inland to coastal connections), through a melding of traditional ecological knowledge and cutting-edge science, was a major emphasis of the successful grant proposals and the vision.	This presentation will explore 1) why connectivity is important, 2) connectivity at different scales, 3) examples of how to use connectivity in grant applications, 4) resources available for using connectivity to advance tribal goals.
23	Zoe Varner	The Office of Environmental Health Hazard Assessment (CalEPA)	CalEnviroScreen, developed by the Office of Environmental Health Hazard Assessment (OEHHA), identifies California communities that are most affected by multiple sources of pollution, and where people are especially vulnerable to the effects of pollution. This presentation will provide an overview of the updated draft CalEnviroScreen 5.0, highlighting updates to existing indicators, new indicators suggested by tribal partners, and accessibility updates to the mapping interface. OEHHA staff will demonstrate proposed new features in the map and describe collaboration with California Tribes to address data gaps. OEHHA will share updates on the CalEPA designation of disadvantaged communities map, which uses CalEnviroScreen and tribal lands for targeted investment of Cap-and-Invest funds. OEHHA will demonstrate how tribes can use the CalEnviroScreen tool and the CalEPA designation and will demonstrate the process to update the representation of their lands in the tool. This session is intended to both inform and solicit feedback from participants on the latest version of CalEnviroScreen 5.0.	Many communities in California, including Native American Tribes, face multiple sources of pollution and an increased vulnerability to the effects of pollution. CalEnviroScreen can help describe a snapshot of communities' conditions for a state or federal grant application, support on the ground Tribe-driven efforts, and complement local data and community knowledge. This presentation will serve as an introduction to tools that can facilitate the acquisition of funding for climate resilience and adaptation, public health response, and empowering Tribes with information. OEHHA will share current updates on CalEnviroScreen 5.0 and the CalEPA designation of disadvantaged communities, and how tribes can use the maps and provide input on CalEnviroScreen. OEHHA will also detail the consultation process for tribes to establish that a particular area of land is under its control to keep maps current and to defer to tribes' expertise in their land boundaries.

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24	Starla Madrigal	California Indain Basketweavers' Association	We will present the California Indian Basketweavers' (CIBA) vision to preserve, promote and perpetuate California Indian basketweaving traditions while providing a healthy physical, social, spiritual and economic environment for basketweavers'. We will share the history of how and why CIBA was established. The presentation will focus on the following topics: traditional ecological knowledge, dangers of pesticides, gathering policy, and cultural burns. Lastly, we will share about how we continue the CIBA legacy by having annual gatherings that bring the weaving community from all the state of California to share, learn, laugh and reconnect with each other and the community.	The work that we do focuses on Native American tribes all over the state of California encouraging them to partner with state and governmental agencies as well as other organizations to ensure that our natural resources are protected. Our pesticides and gathering policies are a result of these partnerships. We also encourage tribes to learn traditional basket weaving knowledge so this beautiful tradition will continue to be passed down to future generations. CIBA strengthens and builds communities so that they could have the resources they need to continue being care takers of our lands
25	Manisha Priyadarshini	ProgramEarth	We want to help youth get early exposure to GIS and why it matters to our communities by being hands on at a hackathon. We'll spend some time asking about ideas that would be helpful for each student within their Tribe. And then have a few project templates that can help them get going. Option 1: work with sample datasets such as fire impact areas, water basin layers, and emergency overlays to understand how spatial systems connect across agencies. The workshop will demonstrate how Tribal layers can interface with data from Cal Fire, Cal OES, Caltrans, the State Water Board, conservancies, the Governor's Climate Assessment, and university climate research partners. Option 2: work through an example of how to put sacred sites and stories on a map through existing public archives and community storytelling. And guidelines on how to be protective of data sovereignty. Participants will receive practical exposure to QGIS workflows, repository-based collaboration, and structured project documentation. The hackathon model provides foundational experience in building interoperable GIS layers while introducing pathways for certification and continued technical skill development.	This session centers youth and community members in learning GIS through projects that help Tribes document, protect, and carry forward their own stories. Mapping becomes a way to hold place-based knowledgewhere people gathered, where fire moved, where water flows, and how communities have cared for the land across generations. By bringing more Tribal members into mapping and storytelling work, Tribes strengthen their ability to speak for themselves in regulatory and planning spaces. When more community members understand how to document landscapes, cultural relationships, and environmental change, Tribal voices are better represented in decisions related to land management, emergency response, and stewardship. Youth participants experience technology as a tool for remembrance and responsibility not separate from culture, but in service of it. The work supports intergenerational knowledge sharing while helping Tribes build internal capacity to maintain their own records, stories, and spatial histories over time. In this way, GIS becomes both an advocacy tool and a living archive shaped and maintained by the community itself.
26	Landon Blake	Refined Horizon's Survey	In-Progress planning: UAV / Drone Technology Workshops/Overview	Donna and Univ. of Redlands - will meet with Landon to discuss what UAI/Drone technology topic and/or devices to discuss - could be multiple topics.