

San Diego Regional GIS Council Meeting Minutes

Tuesday, April 30, 2024

County Operations Center, Chambers

WELCOME AND SDRGC NEWS

Monique Larragoitia, SDRGC Chair, announced:

- The SDRGC will be reaching out in the next few weeks regarding a new SDRGC working group that will focus on fostering new GIS talent and bringing the gap between employers, educators and potential new GIS professionals. Thank you to those who have expressed interest in participating!

GEONEWS

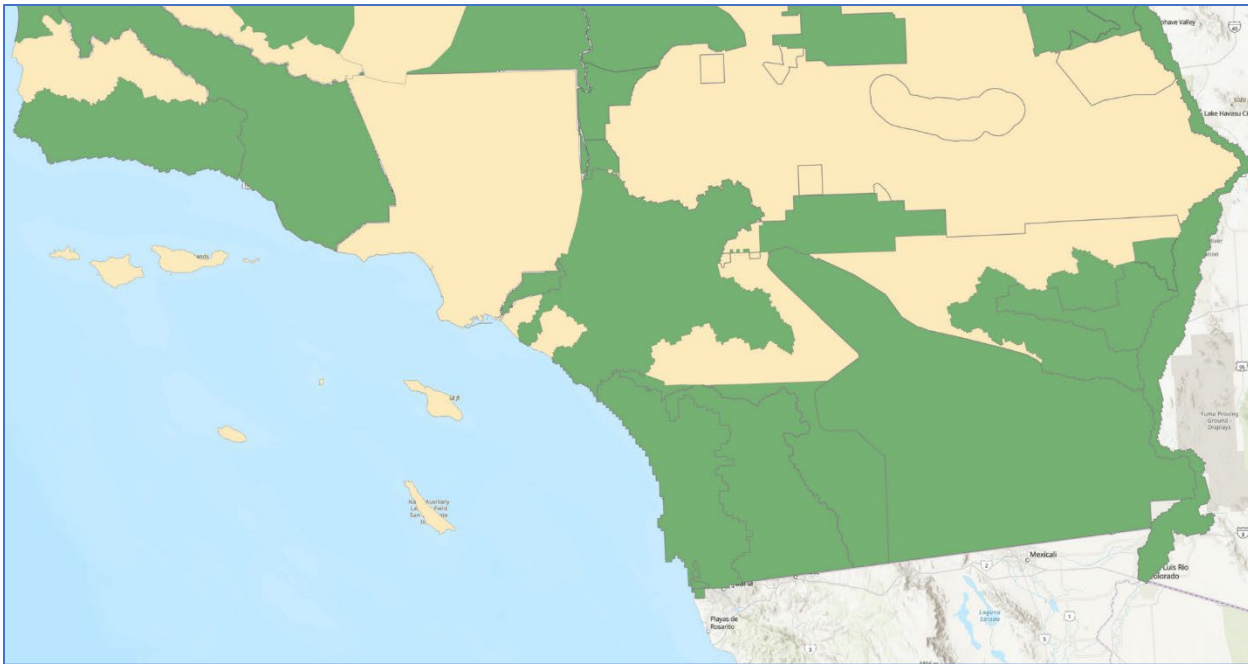
USGS UPDATE

Drew Decker reported:

- The 3D National Hydrography Program (3DHP) is a new direction in surface water data. It's a revision to the current NHD whereby surface water features will be derived from recent high resolution elevation data. A new data model and new processes for data generation and review are in work. USGS will support partnerships with organizations to generate new 3DHP data across the nation. 3DHP link: <https://usgs.gov/3DHP>
- The 3D Elevation Program (3DEP) has several projects in work in southern California. The Imperial County/Salton Sea project is complete and the Los Angeles County project (including all the Channel Islands) is underway. A large project to collect data for the Mojave area in southeastern CA has recently been awarded. This should complete statewide lidar for CA. Link: <https://usgs.gov/3DEP>
- The new "Data Collaboration Announcement" (DCA) is a mechanism for partnering with USGS and other federal agencies to acquire new 3DHP and 3DEP data. It replaces the Broad Agency Announcement (BAA) which has supported 3DEP elevation data projects. Anyone interested in generating newer lidar (such as for the San Diego area) or hydro data from elevation data, building partnerships, or having any questions is welcome and encouraged to contact us. DCA link: <https://usgs.gov/3DNTM/DCA>
- USGS will also be releasing a new, one-time, elevation product. This is a digital surface model (DSM) based on satellite imagery. It will provide a one meter ground resolution product that will show the ground along with structures and vegetation. This will complement the 3DEP data. Data will be posted to USGS National Map Download site later this spring. Link: <https://apps.nationalmap.gov/downloader/#/>

Please contact Drew Decker (ddecker@usgs.gov, 619-225-6430) with any questions or requests for presentations on the above topics.

3DEP status for Southern CA. Green areas are complete; tan is in work



SANDAG UPDATE

Andy Gordon reported:

- Draft Series 15 Regional Growth Forecast will be released to SANDAG's Open Data Portal in May
 - Population, Housing, and Employment data from 2022 base to 2050
 - <https://opendata.sandag.org>
- Launch of new Regional Data Warehouse in partnership with SanGIS coming soon
 - Multiple data formats (Shapefile, fGDB, GeoJSON, CSV)
 - Downloads, services, metadata in one place
 - Easier navigation, previews
 - No need to login
 - Parcels w/Ownership data is the exception
- GISSD Server will be down for maintenance.
 - Friday May 3rd 6 pm – Saturday May 4th 6 pm
 - Regional Data Warehouse, REST Services, and Parcel Lookup Tool will be affected

SANGIS UPDATE

Tod Chee reported:

- Imagery Consortium billing has been sent to all participating agencies
 - If you haven't received yours, please contact Tod
 - Offline imagery for the urban core is will be in September. We will send it out once we receive the link
 - This year is year to review other imagery services providers to determine if SanGIS can continue to sole-source or send out RFP. If anyone knows of any companies offering comparable services to Nearmap, let Tod know
- SANDAG is working on a new RDW
 - Defer to Andy on status
 - SanGIS is working on internal operating procedures for the transition
 - Parcels will persist on old RDW for login purposes
- SanGIS Technical Advisory Board
 - Recently made recommendation to review metadata standards

- Current standard used is not easy with ArcGIS Pro
- STAB subcommittee will review current standards vs compatibility with Pro to determine what, if any, changes should be made to improve metadata maintenance and delivery
- Data Access MOA (DAMOA) reminder
 - SanGIS has an instance of portal on AWS with weekly updates of SanGIS data
 - Full dataset that is going to JPA members weekly will be available to non-JPA members
 - Data available as services or to download
 - DAMOA will be at cost offset the operational costs of maintaining AWS, Portal, and administration.
 - Contact Tod if interested

WORKING GROUP UPDATES

GIS MANAGER'S WORKING GROUP

Abe Coughlin, from the City of Escondido, reported:

GIS Manager's Working Group met the week of April 22, 2024.

- GIS Technology and the Cloud:
 - There is a consensus among the GIS Managers Working Group that the cloud is finally here for us. Many agencies are moving or have plans to move to the cloud.
 - An anticipated challenge will be the integration from the cloud back down to the other existing systems.
 - Most agencies are moving to ArcGIS Enterprise 11.1, but not yet leveraging newer technology like branch versioning.
 - Enterprise licensing is also changing. Con-current licensing will be going away and instead use Esri named user licenses. This will be a consideration for how we purchase licenses going forward.
 - Utility in having PROD, TEST, and DEV environments. Esri tools for moving data between these environments is lacking. This will remain a challenge.
- GIS Occupational Profile:
 - Topic discussed by Wing Cheung previously. The Bureau of Labor Statistics (BLS) maintains a Standard Occupational Classification (SOC) system. This is important for us because it is used to develop accurate and desirable educational courses. Grant funds are out there based on SOC. Working Group proposed for the SDRGC. We have a request into BLS to review and update for GIS profession. We are also working with Kevin Volz at URISA.

PRESENTATIONS

- Jacob Helfman, GIS Analyst, AECOM
 - Presentation Topic: Society for Conservation GIS
 - View his Story Map: <https://arcg.is/0yOGmO>

OPEN DISCUSSION

- Virginia Hannon, student at Palomar College, made an announcement on the GISPro Volunteer Opportunities Survey
 - This survey will provide information that could create partnerships between experienced GIS Professionals in the field, working with local agencies, and with GIS students seeking professional learning opportunities/experiences. The more survey respondents, the more partnerships and opportunities; opportunities for students to learn actual industry demands and needs, and opportunities for experienced professionals to benefit from cost-effective labor and recruitment. The results of the survey will likely be shared at the next SDRGC Quarterly meeting.
 - This is the link for the survey: [GISPro Volunteer Interest Form](#)
- Ruth McColly, with Evari GIS, is working with County on an asset management system. She is interested in connecting with others who are using/familiar with asset management systems.

CONFIRMED ATTENDANCE FOR APRIL 30, 2024

Arash Afghahi
Adam Attar
Jason Batchelor
Sophia Bejarano
Thomas Bellegarde
Paula Birdwell
Kevin Brown
Arjun Cardoza
Melisa Caric Lee
Tod Chee
Kristopher Consul
Abe Coughlin
Drew Decker
Lenora Dody
Daniel Dugal
Crystal English
Corey Evans
Fali Field
Robert Flamenbaum
Stephanie Friese
Kate Gallegos
Dennis Gerrits
Mia Gil
Andy Gordon
Jen Gordon
Juliette Guet-Scott
Virginia Hannon
Jacob Helfman
Diana Henderson
Phoebe Ho
Sami Jalel
Carly Keen
Barbara Kent
Zahra Khani
Vaishali Kulkarni
Monique Larragoitia
Joshua Logsdon
Tatiana Lopez
Philip Mai
Brenda Maldonado
Ruth McColly
Matthew McSpadden
Aurora Moreno-Resendiz
Atsushi Nara
Justin Nettleton
Saeid Noori Bushehri
Bryce Ohmstede
Alex Olivier-Morgan
Emily Orsborn
Katherine Pak
Kiran Pallachulla
Kari Palm

Lorie Roberts
Michael Robles
Alex Samarin
Jessica Sanchez
Aydan Scott
Robert Shanaberger
Carl Sorenson
Kevin Volz
Louise Wedley
Mohamad Yassin
Mina Ziaei