San Diego Regional GIS Council Meeting Minutes

January 15, 2025
10 AM – 12 PM

Escondido City Hall, Mitchell Room
201 North Broadway, Escondido, CA 92025

WELCOME AND SDRGC NEWS

Monique Larragoitia, SDRGC Chair, announced:

- Welcome to all SDRGC members and thank you to Escondido for hosting the meeting.

GEONEWS

USGS UPDATE

Drew Decker with USGS reported:

- **New lidar data is in work for San Diego County** through the USGS 3D Elevation Program (3DEP). Lidar data is QL2 with a targeted data density of 4 points per square meter (greater than the usual 2). The region covered is San Diego County, without the military properties. Funds are provided by Natural Resources Conservation Service (NRCS). Data were collected in fall 2024 with delivery expected in fall 2025. Link: https://usgs.gov/3DEP

- The **3D Hydrography Program's (3DHP)** goal is the first systematic remapping of the Nation's hydrography. 3DHP will use the 3DEP lidar as the source to develop new surface water features across the nation. Here, the California Department of Water Resources (DWR) is working on several pilot projects generating 3DHP data. The "Data Collaboration Announcement" (DCA) is a mechanism for partnering with USGS and other federal agencies to acquire new 3DHP and 3DEP data. Information on the DCA, including a link to an instructional webinar on the FY25 DCA, can be found here: https://usgs.gov/3DNTM/DCA

- The quarterly USGS **Hydrography Community Calls** are a good way to learn about the 3D National Hydrography Program (3DHP). 3DHP is a revision to the current NHD whereby surface water features will be derived from recent high resolution elevation data. Our calls cover program status, generating new data, and data applications. Anyone can be added to our contact list. To subscribe or get information on past calls, visit: https://usgs.gov/3DHP/HCC

- USGS has released two new instructional videos. The first is "**Intro to topoBuilder**." topoBuilder is the tool that allows you to generate your own customized USGS topographic map. The second is "**Dynamic Elevation Service in ArcGIS Pro and ArcGIS Online**." It provides an overview on how to add the 3DEP dynamic elevation coverage service to a map. The link to these and many other National Map Training videos is: https://usgs.gov/NGPvideos

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

SANDAG UPDATE

Jennifer Benavides, SDRGC Vice-Chair, on behalf of Andy Gordon, reported:

- As many of you are aware, a new SanGIS/SANDAG Regional Data Warehouse was launched shortly after our last meeting. Datasets are available (with some exception due to file size) as File Geodatabase, Shapefile, CSV, GeoJSON, JSON, and Feature Services. For legal reasons, parcel data with ownership fields must still be accessed via the old password protected site (free to register).
  - New RDW: https://geo.sandag.org/portal/apps/experiencebuilder/experience/?id=fad9e9c038c84f799b5378e4cc3ed068 (or follow link from SanGIS website)
  - Old RDW: https://rdw.sandag.org
- We will be launching a new Parcel Lookup Tool and Geographic Boundary Viewer application in the near future and will notify via the mailing list once it goes live.

SANGIS UPDATE

Brenda Maldonado and Louise Wedley, SanGIS, on behalf of Tod Chee, reported:

- Imagery
    - SanGIS will be sending out the final billing for this iteration of the imagery consortium in early February.
    - In addition to the billing, we will provide a breakdown of the anticipated costs for each current participant over the next 3 years of the agreement.
    - We are working with Nearmap to also provide a shopping list of add-on items that can be purchased ala carte by individual agencies or incorporated into the overall agreement if there is enough interest. These add-ons will likely be discussed at the GIS Manager's Working Group and future SDRGC meetings.
    - If there is any interest in proposing an add on be considered to include in the larger agreement, let Tod know.
    - We are due a set of offline imagery from 2024 that was shipped to our old address. We requested a download link to forward onto the participants and should receive it soon.
    - If you have any questions about imagery or joining the consortium, contact Tod
- SanGIS Moved
    - For those unaware, SanGIS is at a new location at the County Operations Center.
    - Our new address is 5500 Overland Ave, Suite 310
- Data
    - HYD_WATERSHEDS annual update from NHD
    - Healthcare Facilities and Hospitals bi-annual updates (CAL HHS)
    - Wetlands annual update from US Fish and Wildlife Service
- Emergency Data Drives
    - Louise has a stock of emergency data drives produced in September 2024 for anyone who would like a copy.

PRESENTATIONS

GIS PROFESSIONAL DEVELOPMENT PROGRAM AT PALOMAR COLLEGE

Presented by: Virginia Hannon, Palomar College GIS student

- The objectives of the GIS Professional Development Program are to provide opportunities for knowledge sharing and networking, collaboration, professional development, and job opportunities for students and GIS newcomers.

- The primary collaborators of this program include Dr. Wing Cheung of Palomar College, Matthew McSpadden of SDRGC, and all SDRGC members.

- Highlighted the new GIS Professional Development Program page
    - Survey123 for GIS professionals looking for support from students and graduates.
    - Interactive dashboard for students to discover available opportunities from professionals in the region.
    - https://sdrgc.org/GISProfessionalDevelopment/about.html

    ***The presentation slide deck is available on the SDRGC website:** https://sdrgc.org/Documents/docs.html*

GIS TOOLS FOR THE EMERGENCY OPERATIONS CENTER (EOC)

Presented by: Michael Robles, GIS Coordinator at County of San Diego Office of Emergency Services

- Overview of the mission and role of the County Office of Emergency Services

- Description of an Emergency Operations Center (EOC) and examples of EOC Activations for the County and Operational Area

- GIS Tools in the County EOC
    - San Diego County Emergency Map for sharing emergency public information
    - A few key internal applications include the Situational Awareness Monitor, Power Dashboard, EOC Story Map. Provide ability to monitor real-time conditions, as well as explore and analyze hazards for potential impacts.
    - EOC GIS Project Template in ArcGIS Pro for the EOC GIS Unit provides data links and pre-built layouts & tools.

- ***The presentation slide deck is available on the SDRGC website:** https://sdrgc.org/Documents/docs.html*

OPEN DISCUSSION
- No discussion items.

Abe Coughlin
Aurora Moreno-Resendiz
Barbara Kent
Bonni Yarnell
Brenda Maldonado
Brittany Burson
Catherine Lee
Chris Schuchardt
Crystal English
Daniel Asano
Danny Truong
Drew Decker
Ethan Vlahov
Heather Pack
James Crandall
Jen Gorden
Jen Kay
Jennifer Benavides
Joe Paoletti
Joshua Logsdon
Juliette Guet-Scott
Katherine Pak
Kevin Volz
Liz Rider
Louise Wedley
Mario Terrazas
Marlene Martinez
Matthew McSpadden
Michael Robles
Miriam Ortiz
Mohamad Yassin
Monique Larragoitia
Rachel Russell
Raph Martin
Robert ODonnell
Robert Shanaberger
Ross Paul Martin
Stephen Marika
Tifani Swink
Vaishali Kulkarni
Virginia Hannon