

San Diego San Diego Regional GIS Council Meeting Minutes

Hosted by City of La Mesa Police Department

October 09, 2019 09:00-11:00

Introductions

Geo News

SANGIS Update- Tod Chee, reported:

1. Next Gen 911/NENA Compliant Roads Layer

- SanGIS actively working on NextGen 911 compliance:
 - Michael Baker helps create compliance plan
 - Roads and Address Points
- Sangis will provide data to the region.
- Will provide schema now if requested

2. SanGIS Portal

- SanGIS working on modifying scripts to push data to AWS
- Finishing up configuring environment for collaboration groups
 - Testing data sharing within JPA
 - Services will be available to JPA members
- SanGIS and SANDAG to discuss implication of technology

3. Imagery Consortium

- Agreement is complete for a 3-year duration and 94% contract value committed, ready to lock down.
- ***Last Call for Anyone interested here who has not signed up, contact Tod Chee***
- How it will work?
 - Authorized organizations:
 - SanGIS provides nearmap list of orgs and primary POCs
 - Nearmap coordinates accounts and add-on products
- Deliverables
 - 3 collections per year of sub-3" resolution 3 band ortho imagery, urban core/western 1/3
 - 1 collection per year of sub-3" resolution oblique imagery, urban core/western 1/3
 - 1 collection in three years of sub-3" resolution 3 band ortho imagery, countywide
 - 1 delivery per 3 years of 9" resolution for distribution (publicly available after the first year of contract)
 - Offline imagery schedule: Spring 2020 (countywide), 2021 and 2022 (western 1/3)
 - APIs and tools to integrate with GIS, CAD (drafting), CAD (dispatch), and CAMA systems

SANDAG Update – Pat Landrum, reported:

1. Regional Building Outlines update

- The contract has been executed with our on-call GIS consultant (HNTB) and we're making good progress on the project. The update will reflect ground conditions as of June 2019, and will also include updates related to demolition, new construction, and features will be tagged to account for these annual updates. There will be some additional attribution to tie the data to our land inventory system. Our goal is to update the buildings dataset on an annual basis moving forward.
- 2. **SANDAG** is working on executing a contract with Esri to develop the 3D Regional Basemap, which will be based on the regional LiDAR elevation dataset, and include buildings, trees where available, and other base features.
- Also included in the contract will be training to use and maintain the 3D Basemap, along with Migration to ArcGIS Pro training.

3. SANDAG recently executed an Enterprise Agreement with Esri

- Working on a kickoff meeting that will include an Executive Briefing.

4. Regional GIS Data Warehouse

- Regional GIS Data Warehouse now has just under 20,000 registered users.
- The highest number of category visits and downloads continuing to be Parcels, Topography, Transportation and Land Use, followed by Sewer, Community, Hydrology, Address and District.
- REST services for imagery and parcels continue to see the highest demand, with peak daily transactions in the 90,000 and 40,000 range respectively.
- Daily usage for the Parcel Lookup Tool/Geographic Boundary Viewer application continue to be strong, with weekday users averaging in the 400 - 500+ range.

USGS Update – Drew Decker, reported:

1. The 3D Elevation program

Continues to support new high-resolution elevation data development nationwide. The program released its FY19/20 Broad Agency Announcement (BAA) on September 9, 2019 to solicit proposals for data development. Details are posted on <https://usgs.gov/3DEP/FY20BAA>. BAA is open year round but first review of proposals begins after COB November 1, 2019.

- There was a national webinar with details on the BAA on **August 7, 2019 at 10:00 AM**

PDT. Visit the above site (at bottom of page) to view the presentation materials and related FAQ.

2. NAIP imagery was collected by Farm Service Agency for California in late summer 2018. The images are four band (including near infrared) and have a 60cm spatial resolution. Compressed county mosaic versions of the data are now available through the NRCS Data gateway site here: <https://nrcs.app.box.com/v/naip/folder/73818589519>

3. USGS invites National Hydrography Dataset (NHD) users to submit potential updates or corrections to the data through the **Markup Application**. The Markup Application is a web-based mapping communication tool that allows users to suggest edits, or “markups”, to the NHD, WBD, and NHDPlus HR. Details can be found on the [NHD Tools page](#).

USGS is collaborating with CA DWR on an NHD Applications workshop. This will be offered at the 2020 CalGIS Conference in Long Beach as well as other locations next year.

4. USGS has a new National Map data delivery homepage. The page features direct links to new and improved GIS data access utilities at <https://www.usgs.gov/NationalMap/data>. Further links within the page provide access to the **map services list** and the new Lidar Explorer (availability) and 3DEP Demonstration Elevation Viewer (visualization). The page has a new fact sheet too (<https://doi.org/10.3133/fs20193032>)

5. USGS continues to produce “how-to” videos to show you how to access and use National Map data. Lessons vary in length and will focus on a certain dataset or website application. Videos can be accessed here: www.usgs.gov/NGPvideos

• Please contact Drew Decker (ddecker@usgs.gov, 619-225-6430) or Carol Ostergren (costergren@usgs.gov, 831-460-7539) with any questions on the above topics.

WORKING GROUPS UPDATE

• GIS Manager’s Working Group

I. Alex Sainz on behalf of Eric Culp, reported:

Alex Sainz presented an overview of the News from ArcGIS Pro Workshops:

- Can use Named Users, Concurrent Licenses or a Hybrid model
- Can checkout licenses with Named Users
- For managing updates in the enterprise:

-Can uncheck Auto-Update (or install that way)

-Manage updates via Enterprise tools

- No significant updates beyond bug fixes for Desktop going forward
- 10.8 and likely 10.8.1/2 with “support” through 2025
- Big news for the 2.5 update (January)
- Now positioning Utility Network as the “big” solution (branch networking or “synching”)
- Geometric Network support for ArcGIS Pro coming at 2.5
- Creating
- Editing
- GDB Replication support also coming for Pro
- **City of La Mesa** – Presentation by Melisa Caric Lee and Ken Burger
City of La Mesa shared a presentation titled “Using AWS to Support Enterprise Applications”. Presentation posted on <http://www.sdrgc.org/Documents/docs.html>

ANNOUNCEMENTS

SANDAG

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SDRGC

- GIS day is Wednesday, November 13, 2019. SDRGC will be posting the GIS Day events everyone is planning this year.
- Elections of New SDRGC Officers coming soon.

Next Meeting

- To be determined.

SDRGC Attendance October 9, 2019

Contact	Organization	Email
Attar, Adam	SANDAG	adam.attar@sandag.org
Baron, Kurtis	Atkins	Kurtis.Baron@atkinglobal.com
Boisvert, Linda	Mesa College San Diego	lbsvrt@gmail.com
Burger, Ken	Compass Rose GIS	ken@compassrosegis.com
Caric-Lee, Melisa	Compass Rose GIS	melisa@compassrosegis.com
Carter, Natalie	ESRI	ncarter@esri.com
Chee, Tod	SanGIS	tchee@sangis.org
Daeschner, Scott	City of San Diego	sdaeschner@sandiego.gov
Decker, Drew	US Geological Survey	ddecker@usgs.gov
Garrison, Clint	San Diego County Water Authority	cgarrison@sdcwa.org
Gaze, Brian	Evri GIS	brian@sdgis.com
Johnson, Harry	San Diego State University	harry.johnson@sdsu.edu
Kelley, Heather	Private	hkelly1350@gmail.com
Kennedy, Marie	University of Redlands	marie_kennedy@redlands.edu
Kent, Barbara	Caltrans	barbara_j_kent@dot.ca.gov
Killian, Rhiannon	San Diego Mesa College	rhiannonkillian@gmail.com
Kraft, Robert	NGA	robert.kraft1@navy.mil
Maldonado, Brenda	County of San Diego	brenda.maldonado@sdcounty.ca.gov
Martin, Ross	County of San Diego	ross.martin@sdcounty.ca.gov
Mercer, Russell	City of Imperial Beach	rmerc@imperialbeachca.gov
Moore, Harry	ESRI	hmoore@esri.com
Muñoz, Alex	ESRI	amunoz@esri.com
Noori Bushehri, Saeid	City of Oceanside	snooribushehri@oceansideca.org
O'Donnell, Rob	City of Chula Vista	rodonnell@chulavistaca.gov
Powvall, Sam	La Jolla Indian Tribe	spowvall@gmail.com
Ross, Gary	City of Vista	gross@cityofvista.com
Sainz, Alex	City of San Marcos	asainz@san-marcos.net
Shanaberger, Robert	Port of San Diego	rshanaberger@portofsandiego.org
Valles, Nevin	City of La Mesa	nvalles@ci.la-mesa.ca.us
Williams, Tim	City of El Cajon	twilliam@cityofelcajon.us