

San Diego Regional GIS Council
Meeting Minutes
January 13, 2016

1. WELCOME AND INTRODUCTIONS

- i. Grace Chung, SANDAG, SDRGC President, welcomed everyone and thanked City of Escondido for hosting and providing refreshments.
- ii. Please see attachment for list of attendees. This meeting was held at City of Escondido, City Hall – Mitchell Room.

2. GEONEWS

a) **USGS** – Drew Decker, USGS, reported:

- i. The USGS 3D Elevation Program (3DEP) is supporting the generation of new elevation data across the country. USGS issued the FY15/FY16 Broad Agency Announcement (BAA) which solicited proposals for generation of new elevation and requests for matching USGS funds. This is the second round of funding for LiDAR through the 3D Elevation Program. Review of the proposals is proceeding and notifications of the results are likely within several weeks or so. Details on 3DEP can be found on the program’s website - <http://nationalmap.gov/3DEP/> .
- ii. New NHD is now in work for a large Lower Colorado River watershed along the CA and AZ border. USGS is also working further with Los Angeles County on integrating their storm drain network into NHD. The California Department of Fish and Wildlife is also supporting major updates to numerous watersheds across California.
- iii. USGS is concluding its Hydrography Requirements and Benefits Study (HRBS), which is an assessment of hydrography data needs and benefits. Input was received from federal and state agencies, with a smaller group of local, academic, private, nonprofit, and tribal groups. This will help the agency design improved products and services for hydrography. This study is similar to the National Enhanced Elevation Assessment (NEEA) that USGS did in 2011. Those results led to 3DEP and the LiDAR BAA process now underway. Preliminary results may be out within a month with a final report likely later this spring.
- iv. USGS has the 2014 Los Angeles County imagery for distribution. The 2014 imagery over the combined Orange County and Riverside/San Bernardino urban area is also available for online download.
- v. Please contact Drew Decker (ddecker@usgs.gov, 619-225-6430) with any questions on the above topics.

b) **SANGIS UPDATE** – Brad Lind, SanGIS, reported:

- i. SanGIS has created a consolidated DEM and a hillshade from the 2014 data. That data is available from SanGIS (for a small fee to non- participants). Contact SanGIS if you are interested in obtaining either, or both, datasets.
- ii. The 2014 contours have been published to the Regional Data Warehouse. Due to the size of the data set and certain limitations on shape files, it was necessary to publish the

contours as multiple file geodatabases (FGDB). Each FGDB is less than 2 GB of data. These are available in the data warehouse now.

- iii. SanGIS has completed a comparison of the SanGIS road network and the Regional Public Safety GIS (RPSG) network. There are some discrepancies but overall the two networks match pretty well. SanGIS and RPSG are taking steps to get the two road layers in sync.
 - iv. SanGIS encourages local jurisdictions to contact SanGIS if they would like to start a project to upgrade lots, parcels, roads, and addresses in the jurisdiction. SanGIS recently completed a project with Oceanside that allowed that city to stop maintaining a separate parcel layer.
 - v. The SanGIS-SANDAG data warehouse and interactive map will be offline starting on Friday, January 15, 2016 due to power system maintenance at SANDAG. The online services should be back on line by Saturday night.
- c) **SANDAG UPDATE** – Grace Chung reported for Pat Landrum, SANDAG:
- i. SANDAG recently completed an interactive story map, <http://transnetmap.sandag.org/>. This story map is a showcase of TransNet funded projects including more than 650 highway, transit, bike and pedestrian, habitat conservation, local street repairs, and grant projects and programs.
 - ii. FEMA completed LiDAR acquisition for the central portion of the region. Data is currently being processed. SANDAG applied for a 3DEP-BAA grant to collect LiDAR data for the remaining eastern portion of the region.

3. WORKING GROUP UPDATE

- a) **Imagery Working Group** – Brad Lind, SanGIS, reported:
- i. Brad thanked everyone for returning their questionnaires on funding and products. The results show that the majority of jurisdictions and agencies are interested in the 9" rural/4" urban 3-band products without oblique imagery. Only 18.5% indicated a preference for the 12" rural/4" urban 4-band imagery through USGS.
 - ii. Certain jurisdictions have declined to participate in the 2016 collection but others have joined in. Based on the added areas the estimated costs for the 9"/3" resolution are: Worst case = \$224/sq mi; Best case = \$166/sq mi; Likely case = \$193/sq mi. The original estimate was at \$194/sq mi.
 - iii. Next steps are to confirm the costs with Pictometry and to get firm funding commitments from participants.
- b) **GIS Server Working Group** – Grace Chung reported for Jason McNeil, San Diego MTS:
- i. San Diego Spatial Web Working Group website - <http://groupspaces.com/SDGIS/>.
 - a. All members are welcome to join/sign up for the group. This forum is a sub/working group of the SDRGC (San Diego Regional GIS Council). The mission is to bring together enthusiasts, users, and developers interested in the technical and the social aspects of developing spatial integrated services and applications.

4. BREAK

5. NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) OVERVIEW - ROBERT 'SPACE' KRAFT, NGA LIAISON OFFICER TO THE SPACE AND NAVAL WARFARE SYSTEMS CENTER (SPAWAR)

Robert presented an overview of the mission of the National Geospatial-Intelligence Agency.

6. EPOCH CHANGES AND GIS - DANA CACCAMISE, PACIFIC SOUTHWEST REGIONAL ADVISOR (CA, NV), NOAA'S NATIONAL GEODETIC SURVEY (NGS)

Dana presented an overview of what an epoch change is, the challenges an epoch change presents for GIS professionals, and how the NGS is addressing the issues involved.

7. ELECTION OF NEW SDRGC OFFICERS - Grace Chung, SDRGC President, Sr. GIS Analyst, SANDAG

Grace announced the results of the recent election for new 2016 SDRGC officers. Congratulations to the New Board:

- Chair: Brad Lind, SanGIS
- Vice Chair: Marie Kennedy, LECC
- Secretary: Alex Sainz, City of San Marco
- Webmaster: Harry Johnson, SDSU

8. OPEN DISCUSSION

- i. Suzanne Walther, PhD, new GIS USD assistant professor in fluvial geomorphology and GIS, <http://www.sandiego.edu/cas/envi-ocean/>, introduced herself and asked that agencies contact her if they would like to share data for student use, have projects that her second semester (project-based course) students could work on, or have internships available that she can advertise to USD students. Suzanne's email: swalther@sandiego.edu
- ii. Ari Isaak with Evari GIS consulting mentioned the SDGIS Amazon cloud.
- iii. Announcement for the upcoming CalGIS 2016-22nd Annual California GIS Conference, <http://www.urisa.org/education-events/calgis-conference/>
 - a. Dates: May 10-12, 2016, Anaheim, CA.

9. NEXT MEETING

- i. Wednesday, April 13, 2016 – 9:00am to 11:00am at the City of Coronado Council Chambers, 1825 Strand Way, Coronado, CA 92118

SDRGC Attendance January 13, 2016

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