San Diego Regional GIS Council
Meeting Minutes
July 8, 2015

1. **WELCOME AND INTRODUCTIONS**

    i. Grace Chung, SDRGC President, welcomed everyone and thanked the County for hosting and providing refreshments. She reported that at the CalGIS meeting in June, 2015, Robert Shanaberger, Caltrans District 11, won the 2015 CGIA Exemplary Systems award.

    ii. Please see attachment for list of attendees. This meeting was held at the County Operations Center, Planning Council Chambers.

2. **GEONEWS**

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

    i. New US Topo maps are now complete for all of California and can be downloaded from the USGS Store and National Map Viewer sites.

    ii. USGS has held a collection of public meetings for the 3D Elevation Program (3DEP). The meetings are in preparation for a Broad Agency Announcement (BAA) release on July 17, 2015 for LIDAR and IFSAR elevation funding. This is the second round of funding for LIDAR through the 3D Elevation Program. There will be a couple of national webinars on submitting proposals through the BAA on July 23 and 28. Carol Ostergren, liaison for northern California, and I will be sending out notices across our states both for the webinars and the BAA announcement.

    a. Below is the announcement that was sent:

    USGS Broad Agency Announcement for 3D Elevation Program FY15 National Webinars-Instructions for BAA Proposal Submissions

    On July 23 at 12:00 PM ET and July 28 at 2:00 PM ET, national public webinars will be conducted to provide instructions to the broader community on preparing proposals for submission to the USGS FY15 Broad Agency Announcement (BAA) for 3D Elevation Program (3DEP). The BAA will be posted to both the FedBizOpps (fbo.gov) and grants.gov websites in mid-July. These webinars will be recorded, so those unable to attend can listen to the instructions at their convenience. Links to register (and find the recording when posted) are available on the 3DEP Geospatial Platform Sharing Site (https://www.geoplatform.gov/elevation/3DEP/PublicMeetings).

    Those who were unable to attend the national BAA process overview public webinars in April are encouraged to view the video recording to become familiar with the basics of the BAA process. The recording is available on the 3DEP Geospatial Platform Sharing Site (https://www.geoplatform.gov/elevation/3DEP/PublicMeetings).

    iii. New NHD will be in work for the Lower Colorado River in CA and AZ. We will also be working further with Los Angeles County on integrating their storm drain network into NHD. A recent development may be providing significant state funds toward NHD updates across CA; this is still a work in progress.

iv. USGS is also working on our Hydrography Requirements and Benefits Study (HRBS) which is an assessment of hydrography data needs and benefits. We are receiving input from federal and state agencies, with a smaller group of local, academic, private, nonprofit, and tribal groups. This will help us design improved products and services for hydrography. This study is much like the National Enhanced Elevation Assessment (NEEA) that USGS did back in 2011. Those results led to 3DEP and the LIDAR BAA process now underway.

v. We have received the 2014 Los Angeles County imagery. It is a one foot countywide dataset and it is currently under review by our imagery group. Hopefully it will be cleared for distribution before long. We have also received new one foot imagery for the Orange County and Riverside/San Bernardino urban areas. Drew thought it was online but was unable to find it to report on it at this meeting.

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

b) **DoD Update** – Robert Kraft

i. Robert was unable to attend this meeting. Nothing to report.

c) **SANGIS UPDATE** – Brad Lind reported:

i. Regional Data Warehouse

a. Issues with the SanGIS/SANDAG Regional GIS Data Warehouse have been resolved and the new access method is in place. Users are encouraged to register and contact SanGIS or SANDAG if they run into problems. Now that the new site data warehouse is in place, SanGIS will be shutting down the special FTP site used to transmit parcel data to the local jurisdictions. Current users will be notified before the "LocalCity" FTP site is closed down.

ii. Transit routes and Stops

a. SanGIS has worked with SANDAG and HHSA to create more current transit routes and stops data for San Diego County. The new layers are in the data warehouse. The new data is derived directly from the General Transit Feed Exchange data and will be updated on a quarterly basis. SANDAG has also provided the routes and stops as a REST service. Users are encouraged to visit the SANDAG GIS webpage for links to the service (and other services available).

iii. Data Quality Updates

a. Local jurisdictions are encouraged to contact SanGIS if there are specific data quality upgrade projects that would like to see done in their areas. SanGIS has already worked with a number of Cities to improve the road, parcel, and address data and would like to work with other jurisdictions as well. Contact Brad Lind if there are any projects you'd like to discuss.

d) **SANDAG UPDATE** – Pat Landrum reported:

i. SPACECORE Project

a. Land inventory system project, looking to add more attributes to the database schema and expanding into northern Baja, CA.

ii. LOSSAN Rail Corridor Story Map awarded at the Esri UC Storytelling with Maps Contest.

iii. Senior Analyst Position vacancy.

3. **WORKING GROUP UPDATE**

   a) **Imagery Working Group** – Pat Landrum and Brad Lind reported:

      i. Work is beginning on organizing a 2016 calendar year imagery collection project. A core working group has been meeting and preliminary investigations show that the 2016 project could include:

- 9" or 12" resolution base imagery for the entire County.
- 4" resolution imagery in urban areas.
- Possible upgrade to oblique imagery.
- Estimated pricing at this time is about $205/sq. mile for 4" resolution imagery and about $500/sq. mile for oblique imagery.
- The working group is interested in knowing what agencies are interested in a 2016 project and are recommending that all agencies include imagery collection costs in their FY2016 and FY2017 budgets.
- Brad will send out invitations for the 2016 Aerial Imagery Collection Project kickoff meeting.

      ii. 2014 imagery data will be available on the USGS National Map Viewer, SANDAG published services, and via hard drive from SanGIS (for the cost of reproduction).

      iii. MrSID compressed imagery is included with the 2014 product deliverables.

      iv. LIDAR is being handled as a separate project for 2016 with the goal to have Quality Level 2 LIDAR and a seamless DEM for all of San Diego County. Question would be how do we fund - possibly use federal, state and local funding.

      v. SeaSketch viewer (Drew Decker assisted in demo)

- SeaSketch is an online NOAA tool being used for people to share their elevation areas of interest with regard to the 3DEP program. SeaSketch can be seen here, http://seasket.ch/hwpR3E-MxO and details on providing project area of interest details for SeaSketch can be found here, https://www.geoplatform.gov/elevation/3DEP/View3DEPAOI
- Pat discussed this viewer in regards to future LIDAR for the San Diego region.

   b) **GIS Server Working Group** – Pat Landrum reported:

      i. Looking for steward for the group. Next meeting scheduled for October, 2015.

4. **BREAK**

5. **SDSU-SAN DIEGO BIG DATA HACKATHON - DR. MING-HSIANG (MING) TSOU, SAN DIEGO STATE UNIVERSITY**

   SDSU is hosting a "Big Data for San Diego" Hackathon event that brings together educators, students, programmers, journalists, public officials, local government and the wider San Diego community to examine an important civic issue with actionable results. The goal of this event is to build a collaborative community for the future development of Open Government and Open Data Initiative for San Diego. Dr. Tsou presented the Hackathon event, occurring this October, and asked the Council members for suggestions about available data and resources. He is looking for ideas especially for the new challenges in regards to water conservation, disaster response and crime monitoring.

The Hackathon Introduction Flyer and MS Word document about the event are on the SDRGC documents tab. Dr. Tsou asked if you would like to make any suggestions to please email him, mtsou@mail.sdsu.edu, using Track Changes in the MS Word document. More information and to register for this event see, http://bigdataforsandiego.github.io/

6. **COUNTY OF SAN DIEGO KNOWLEDGE INTEGRATION PROGRAM (KIP)- BIANKA RUBIO, HEALTH AND HUMAN SERVICES AGENCY, COUNTY OF SAN DIEGO**

Bianka discussed how their geographic information system (GIS) enabled the interpreting of geographical and spatial data for finding effective location of service centers. Their Knowledge Integration Program (KIP) is a database sharing project that supports a holistic view of their customer's profiles. By integrating GIS with KIP, they are presented with a more complete individualized solution to serving their population's needs, enabling them to connect with their customers with services quickly and efficiently.

7. **OPEN DISCUSSION**

Harry discussed the upcoming ESRI User Conference, July 20-24, 2015, and reminded everyone they had one more week to submit maps for the San Diego GeoShowcase. SoCal URISA will judge and present awards to the winners of the various categories that Tuesday, July 21st in front of booth.

8. **NEXT MEETING**

i. Wednesday, October 7, 2015 – 9:00am to 11:00am at Padre Dam Municipal Water District, Board Room, 9300 Fanita Parkway, Santee, CA 92071

SDRGC Attendance July 8, 2015

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