

San Diego Regional GIS Council
Meeting Minutes
July 9, 2014

1. WELCOME AND INTRODUCTIONS

- i. Grace Chung, SDRGC President, welcomed everyone.
 - 1) Thanked Malcolm Meikle, San Diego Unified Port District, for hosting and providing refreshments.
 - 2) Everyone in attendance introduced themselves.
- ii. Please see attachment for list of attendees. This meeting was hosted by the San Diego Unified Port District at the Port of San Diego Administration Building.

2. GEONEWS

- a) **CA GIS UPDATE** – Grace Chung reported:
 - i. It had been a while since the California GIS Council met. At the CalGIS Conference in Monterey a couple of months ago, many people expressed a strong desire to revitalize the Council. A group of coordinators met and had several conference calls. The first action item they took was to hold the election. Last week an announcement was made. The California GIS Council now has an elected Chair and Vice Chair. The Chair is Mark Greninger, from LA County, and the vice chair is Jeff Kapellas, from the State Water Resources Control Board. The new chair and vice chair will hold the first meeting at the Marriot Marina Hotel on Wed July 16 from 4pm to 6pm. Grace will forward the agenda once she receives it.
- b) **USGS** – Drew Decker reported:
 - i. USGS will be at the ESRI User Conference next week and will have a booth. If you need information about agency products or have any questions please be sure to stop by the booth. Our booth will be in the Federal exhibits area.
 - ii. USGS is continuing its call for **Volunteered Geographic Information** (VGI) in California and other states. Please see press release, <http://www.usgs.gov/newsroom/article.asp?ID=3620> . This concerns the need for information on the locations of certain structures that can be submitted by the public to USGS through *The National Map Corps*.
 - iii. USGS has a document on “Geospatial Data and Mapping Websites,” see, <http://education.usgs.gov/lessons/geospatialwebsites.html> . It lists many web-based resources for data information and downloads. The PDF of this document is also located on the documents tab of the SDRGC webpage.
 - iv. The **National Land Cover Database** (NLCD) is new and improved. A new version of the national Landsat-based land cover database was just released. This is based on Landsat data obtained in 2011 and is an update to earlier versions based on 2001 and 2006 imagery. The dataset is known as NLCD 2011. Information on the new NLCD data can be found at <http://imsdemo.cr.usgs.gov/webappcontent/mrlc/nlcd2011.php> .

- v. NOAA and USGS have updated the **US Interagency Elevation Inventory (USIEI)**, which contains information about available high resolution elevation datasets nationwide. No new datasets found for the San Diego area but we should have something to add in next year's inventory through the regional imagery acquisition project. Please see the link to USIEI, <http://www.csc.noaa.gov/inventory/#>.
 - vi. 2014 CA 1-meter 4-band **National Agriculture Imagery Program (NAIP)** flights are underway. As compressed county mosaics are generated, they will be available for download through the NRCS Data Gateway site, <http://datagateway.nrcs.usda.gov/>
- c) **SANGIS UPDATE** – Brad Lind reported:
- i. Consistent Boundaries Project:

SanGIS is working with the County Assessor's Office, SANDAG, and other regional agencies to provide more consistent boundaries along the Pacific coastline. In many places along the Pacific Coast, the SanGIS parcel layer does not coincide with the County Assessor Tax Rate Areas (TRA) and municipal boundary layers. There are instances where the parcels do not extend out to the County boundary and other areas where parcels go beyond that.

SanGIS, SANDAG, and the Assessor's Office are working on making all parcel and boundary layers along the coastline consistent. As needed, existing parcels along the coast will be adjusted to match the TRA layer or the County will adjust the TRA to meet the agreed upon parcel limits. In some cases new government land parcels will be added between existing land-side parcels and the coastline. Added polygons will be coded as un-parceled government lands.

At the same time, SanGIS and the County Assessor's Office will be including most man-made piers, jetties, and breakwaters in the parcel, TRA, and municipal boundary layers. Currently the County Assessor includes piers but SanGIS removes them from the parcel layers. Both agencies are following previous management direction. SanGIS and the County should be consistent and the SanGIS Technical Advisory Board has directed that these items be included in the parcel boundary.

As a part of this project, SanGIS and the County will be closing off the mouth of San Diego Bay at Ballast Point (the entrance to the bay) rather than the current line that runs East from the shore of Point Loma and then Northeast towards Sunset Park in Coronado.

These changes are in progress and will be posted to the regional data warehouse as they are completed. SanGIS is working towards completing all changes to the coastline parcels by mid- to late-July so that they will be available in the data warehouse updates in August.

Links to the .pdf's that show the examples of the boundary changes at the mouth of San Diego Bay and Oceanside Harbor are located on the documents tab of the SDRGC webpage.
- d) **SANDAG UPDATE** – Pat Landrum reported:
- i. SANDAG will be releasing an RFP soon for the SPACECORE project. This project will upgrade and modernize the LandCore database and editing tools in order to support SANDAG's next generation of land use, forecasting and transportation models.

- ii. Development of the Regional Transportation Plan/Sustainable Communities Strategy (SD Forward – The Regional Plan) is underway, and the GIS team is gearing up for the high volume of analysis and mapping to support the plan and supporting programmatic EIR.
- iii. SANDAG has developed the Border Map Atlas, which maps data representing several thematic categories along the southern California border region. The atlas will be released in September.

3. WORKING GROUP UPDATE

- a) **Metadata Working Group** – John Hofmockel, SANDAG, reported:
 - i. An email notification will be sent when the documents for metadata requirements are posted, for example, the Metadata Handbook and Quick Reference Guide.
 - ii. Developing a Publication Stylesheet. The goal is to produce a standard layout in PDF format. The PDFs are for the Regional GIS Data Warehouse shapefile downloads page. The stylesheet can also be used to display metadata in ArcCatalog.
 - iii. Future plans are to develop metadata procedures for Web Services.
 - iv. The recommendation is for each agency to develop their own metadata template to include point of contact, address, email, phone number, etc....
- b) **Imagery Working Group** – Pat Landrum, SANDAG and Drew Decker, USGS, reported:
 - i. Cooperative agreements for the North County and South County groups have been completed.
 - ii. USGS Joint Funding Agreement for North County is complete.
 - iii. Joint Funding Agreement for South County is in progress.
 - iv. The SDLECC will be participating but their funding will not be available until October of this year.
 - v. Pat reported that it appears both the Navy and Marine Corps will be participating at some level, with a determination regarding the availability of elevation data and/or upgraded imagery over certain military facilities TBD.
 - vi. Proposed final specifications on the 4-inch resolution imagery are expected to be circulated to the partnership team soon for review/comment. It is expected that data collection flights will be initiated in September which would indicate the project is about three months behind schedule – due primarily to getting funding agreements in place. It is unlikely that deliverables will be available by December, 2014.
- c) **GIS Server Working Group** – Pat Landrum, SANDAG, reported:
 - i. Working on adding select services to the regional data warehouse. These services will include those datasets that are in high demand based on download tracking statistics.
 - ii. Testing has been performed to ensure that there are no conflicts with the monthly data updates on the public facing SANDAG/SanGIS server.
 - iii. Initial plans are to include links to services within the existing data warehouse web pages, with future activities focused on modernizing the data warehouse and creating more of an open data portal.

4. BREAK

5. INTRODUCING “GEOSPATIAL SAN DIEGO” – Robert Kraft, Liaison to SPAWAR

i. Geospatial San Diego

This is a networking group for people with careers and interests in the geospatial industry. Robert explained how this group is successfully running in the LA area and how they are trying to replicate this in San Diego. The focus of this networking group is to bring together geospatial professionals from all corners of this community in fun, social settings to share information, help build relationships, and strengthen the social fabric of our San Diego geospatial community. They post weekly to LinkedIn and have an event planned for Monday at the UC2014.

His powerpoint that introduces “Geospatial San Diego” which includes the webpage address and QR code is located on the documents tab of the SDRGC webpage.

6. SAN DIEGO UNIFIED PORT DISTRICT GIS – Malcolm Meikle, SDUPD

i. Presentation of the San Diego Unified Port District’s development of their Enterprise GIS system.

Malcolm gave a quick history of the Port of San Diego and showed which departments use GIS and how it has developed over the years at the Port. He gave a brief demonstration explaining their development processes and future plans. His presentation is located on the documents tab of the SDRGC webpage.

7. USGS VOLUNTEERED GEOGRAPHIC INFORMATION – Drew Decker, USGS

i. U.S. Geologic Survey is sponsoring a program allowing volunteer data editors to help update ten common structure features seen on USGS topographic maps. These include government buildings and schools and volunteers use the Open Street Map interface to modify or add features. The revised data go through a review process and help create authoritative data for The National Map. See more information and website link under the GEONEWS (2.b.ii) of these minutes.

8. OPEN DISCUSSION

i. SDRGC showcase booth at UC 2014 to include space to display poster entries and a 42” screen for web application entries. Contact Harry Johnson, SDSU for any questions.

9. NEXT MEETING

i. Wednesday, October 8, 2014 – 9:00am to 11:00am at City of El Cajon, Police Department Community Room, 100 Civic Center Way, El Cajon, CA 92020.

SDRGC Attendance July 9, 2014

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