SDRGC Meeting Minutes – January 8, 2014

1. INTRODUCTIONS

Welcome by Bob Blackwelder, acting SDRGC President.

For a list of attendees, please see attachment. This meeting was hosted by the City of Chula Vista in the Council Chambers.

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2. GEONEWS

USGS – Drew Decker

- USGS is supporting a call for Volunteered Geographic Information (VGI) in all states for certain **structures** point data. This concerns the need for information on the locations of ten different structure types that can be submitted by the public to USGS through *The National Map* Corps. Anyone interested in contributing edits to structures is encouraged to join. Data contributions will be checked and added to the national database. Structures in the database will also be used in future US Topo map updates. Further details can be found here:
  http://nationalmap.gov/TheNationalMapCorps/index.html

- National Hydrography Dataset (NHD) stewardship is ongoing in CA. Projects are underway with two NHD partners (CSU – Northridge and Los Angeles County Department of Public Works). SanGIS is the local steward for San Diego County. USGS are planning a new NHD Applications training session that we may be able to offer online within a month or two.

- USGS is producing more educational and training sessions online. Recent offerings have included Volunteered Geographic Information and the EarthExplorer website. These will be offered again along with training on other related agency data and resources. Future announcements will go through the SDRGC listserv and other CA lists.

- USGS is also working on its 3D Elevation Program initiative. Details are pending but will provide information on potential resources for elevation data (i.e. new lidar). The fact sheet entitled "The 3D Elevation Program" has further details on the goals of the program.
  http://pubs.usgs.gov/fs/2012/3089/

- USGS has a document on "Geospatial Data and Mapping Websites" that debuted last summer. It lists many web-based resources for data information and downloads. Copies of the handout were brought to the SDRGC meeting, plus it can be found online here:
  http://education.usgs.gov/lessons/geospatialwebsites.html

SANGIS Update - Brad Lind

- Last year SanGIS pushed to for better road naming conventions. Following this theme they will be adding a new field with a full address so that users no longer have to build the address by joining

several fields. The existing address fields will remain for legacy purposes. There will also be a new address layer with the full address. Over 750,000 points will be placed at the location such as structures as opposed to the centroid. There will be a code for placement type. US National Grid point to be included as well.

- SanGIS is requesting boundaries for neighborhoods, districts, zoning, and law beats. SanGIS can and would like to host this data.

- Over the next year SanGIS will be doing a comprehensive metadata review of over 500 layers. The goal is to be synchronized with SANDAG and local municipalities. Publication of the metadata will be revised as well to increase usability.

SANDAG Update – Pat Landrum

- A renewed effort is being made to update to FGDC metadata standards. Metadata standards should be streamlined from file to server to web. Timeline for this activity is within the next 6 months. A regional metadata committee may be formed for the sake of consistency. We are not looking to create a new standard.

- SANDAG is looking at the usage statistics of all the data available on its website to see which files are being downloaded the most frequently. These datasets which are popular will be published as services alongside the regular data download.

- SANDAG is creating a inventory list of state and regional portals/services available. The intent is to see how we compare and can improve along with general knowledge of existing datasets. Send Pat Landrum an email if you are interested in seeing the list and/or participating.

- ArcGIS Online and Story Maps are in the process of being created and should be up soon. They will be interactive and show where projects are happening around the region.

- On Wednesday January 29th SANDAG will host a workshop for Census Transportation Planning Projects Training. The Census Transportation Planning Products (CTPP) Training is designed for anyone who is required to work on long range planning, congestion management, travel forecast, and air quality analysis. See link for details:
  http://www.sandag.org/index.asp?conferenceid=319&fuseaction=conferences.detail

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3. **CITY OF CHULA VISTA: UTILIZING QUERY LAYERS TO MAP FIELD WORK –** Bob Blackwelder (City of Chula Vista)

A new work order module at the City of Chula Vista has allowed them to expand their web based GIS Viewer's functionality. The module allows public works staff to see field work currently occurring. In order to display the field work projects all the records needed to be converted into a point feature type. Some of the records had existing xy coordinates that could be mapped but other points for segments and polygons needed to become point types. Using SQL statements and ESRI query layers the staff

created midpoint and centroid data while using union functions to compile different types together. With all the field work now in point form it displays nicely on a web viewer for all public works staff to see the status work in the field. The data replicates daily so as to always have fresh information. Once the query layers process was established by the GIS and IT staff the program has been largely hands off and has proven quite popular with staff workers.

> Q: Have you tried a view of the query rather than loading the query in ArcMap for better performance?
> A: That would probably help. We will try it.

For more information contact Bob Blackwelder at bblackwelder@chulavistaca.gov

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4. SAN DIEGO REGIONAL PUBLIC SAFETY GIS PROJECT – Jeff Ledbetter (J.R. Kimball) and Alex Sainz (City of Chula Vista)

Jeff Ledbetter presented an overview of the San Diego Regional Public Safety Geodatabase objectives, stakeholders, aims and governance. The prime objective is to have public safety data that is interoperable over many jurisdictions, disciplines and platforms. The geodatabase is for sharing data between first responders, emergency managers and communication centers. This serves tasks such as dispatch, emergency routing and next generation 911, regional mapbook, target hazard plans, the Wildland Urban Interface Fire Emergency Response Plans and more. So far the project has installed a centralized server in Chula Vista with ESRI Enterprise. The next steps are to create cloud redundancy with web map services while developing system security.   The project is funded by UASI until the end of 2014 but United Disaster Council is working to transition the project under its own program.

> Q: How big of an area does this project encompass?
> A: This is for the entire San Diego County.
>
> Q: Are there web services available?
> A: Yes, they are rough right now but we can notify you when they are available. Please email me and I can contact you later.

Alex Sainz showcased the new structures pre plan map standard for San Diego Fire Department. The new maps have symbology agreed upon by 50+ fire departments. The plans are clickable and touchscreen with a upper ribbon for easy navigation. The maps also have a QR code so that they are shareable as well. So far the maps have proven to be very popular with the fire personnel as well as other first responders. About 2,000 maps have been converted from simple pencil drawings to the new interactive style which is about of half of the total number of plans.

For more information contact Jeff Ledbetter at jledbetter@sdrtp.com or Alex Sainz at asainz@chulavistaca.gov

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5. 2014 AERIAL IMAGERY ACQUISTION PARTNERSHIP UPDATE – Pat Landrum (SANDAG)

At this point in time we have funds for a 1' resolution imagery purchase and are working on 4" resolution for buy up. Also to be worked out is lidar with 2' contours in the urban area and 6" imagery for military lands. Right now we are still in a preliminary plan and taking into consideration special needs that groups need. We will then work with USGS for refined cost estimates. Another imagery specific meeting will be held once we know more details. The 1' imagery will be flown for sure and will be in the public domain. The flight will tentatively be done in May and be delivered towards the end of the year.

> Q: Is there any talk of doing the flight during a leaf off period?
> A: Yes, if there is a consensus we can do that. It may need to wait until the next cycle because we have the money ready to go for this flight already.

For more information contact Pat Landrum at pat.landrum@sandag.org

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6. SDRGC ELECTION RESULTS – Deniz Ozakcay

- Thank you to all who accepted a nomination this election cycle and to everyone who voted. The next SDRGC board members will be Grace Chung as Chairperson, Brad Lind as Vice Chairperson, Colleen Larsen as Secretary and Harry Johnson as Webmaster.

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7. OPEN DISCUSSION

- ArcGIS 10.2.1 update is now available for download from your Customer Care Portal. What's new at 10.2.1 is covered here: http://resources.arcgis.com/en/help/main/10.2/#/What_s_new_in_ArcGIS_10_2_1/016w0000005v000000/

- ArcGIS Online updates from December are covered in this blog post: http://www.esri.com/software/arcgis/arcgisonline/whats-new

- CalGIS 2014 will be taking place in Monterey this April 14-16. Esri will be having a story maps competition on site so bring your story map ideas to the conference. Jack Dangermond will be a featured speaker this year.

- The City of San Diego has hired Scott Daeschner as the GIS program manager.

NEXT MEETING

The next SDRGC meeting will tentatively be held on **April 9th.** If you have a suggestion for possible agenda items please contact Brad Lind at blind@sangis.org.

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