SDRGC Meeting Minutes – July 7, 2010

1. INTRODUCTIONS
Welcome by Pat Landrum, SDRGC Chair. For a list of attendees, please see attachment.
Hosted in the Community Room of the Encinitas library by Wendy Flynn and David Van
Pelt, City of Encinitas.

2. GEONEWS
CGIA – Drew Decker (for Paul Hardwick, who was not in attendance)
- Announced new CGIA Chair, Dave Hansen, from US Bureau of Reclamation
- Plans for update of CGIA Straetgic Plan.
- Tracey Hughes from UCSD Libraries wins the 2010 CGIA 'Excellence in Education
  Award' for on-line resource guide (www.delicious.com/gis_resources).

Homeland Security Update –
No update. Paul Hardwick will provide update at the next SDRGC meeting.

NGDA.ORG (archived data library) – Tracey Hughes
- Met with grant person
- Finalizing presentation to Board

USGS – Drew Decker
- Orange, Kern, Ventura, and San Bernardino counties imagery data will be available
  in the public domain in the next 6 months.
- Planning 'urban core' (coast to mountains, built-up areas) imagery for next year (after
  October 1) for Los Angeles, Riverside, San Bernardino, and San Diego counties.
  This will be a 1-ft base product.
- Working on acquiring LiDAR for Salton Sea.
- NHD coverage – SANGIS is processing edits and it is going well.
- National Map Viewer – Data is slowly moving over.

SANGIS Update – Brad Lind
- Spatial data warehouse is being replaced – acquired new hardware. In planning
  stages. Replacing firewall. Deleting old logins from FTP site. (Let Brad know if
  you want to keep your login.)
- Completed major cleanup on ParcelID and APN match.
- Nearly finished adding roads to Indian lands in San Diego County. Should be done
  by end of July.

SANDAG Update – Steve Hossack
- In final stretches of SANDAG/SANGIS MOA. Reviewing language with legal team.
- SDREGIN presented idea of governance plan.

- On-line regional Parks application is a success. Good feedback from agencies. Made over 150 corrections.
- Just completed landuse layer for 2010.
- Census 2010 – nothing to report. SANDAG will provide update at the next meeting.
- Pat Landrum stated that CALTRANS will be the steward of the statewide roadway network, which is one of the minimum essentially datasets identified by State GIO. In San Diego region, SANGIS roads will be used. Local data will be rolled up into this statewide roadway network. Also, CALTRANS may be asked to steward Geodetic Control data as well.

3. PRESENTATION – CITY OF ENCINITAS LEGAL BOUNDARY LAYER
David Van Pelt, GIS Project Manager, City of Encinitas

David did a presentation on Encinitas' landbase rebuild project. Landbase is now at subfoot accuracy which is a good foundation to build encumbrances upon. Also, this project has greatly improved quality of plat maps submitted to the City. Next steps – web tool development for staff. Please see SDRGC website for a link to the Powerpoint presentation. Attendees had many questions, which are listed below:

Q: What is the accuracy scale that was used?
A: Accuracy is dependent on the date the survey was done. Older maps have lower accuracy.

Q: Will more accurate landbase force Encinitas to acquire more spatially accurate imagery?
A: Imagery shifts around slightly with differing flights. Now landbase is more spatially accurate than the imagery. This will pose an interesting dilemma, and may just have to be accepted as is.

Q: Is there a threshold for spatial adjustment to control?
A: Yes, maintaining legitimate gaps and overlaps.

Q: What distance/bearing do you use if there are two different ones for the same line?
A: The more recent one.

Q: Is the fabric hard to use for staff?
A: Yes, that is why next steps are to develop web tools to make it easier for staff to work with it. Web tools will be built in ArcGIS 10.

Q: Anything missing?
A: Yes, deed lots are flagged as 'from deed' only. These will be 'fit in' but won't be as accurate.

Q: Mean High Tide line?
A: This was captured if it was on the plat maps. Plan to update based on erosion.

Q: Can you reproduce from record data how lot would look?
A: Yes.

Q: What is total project cost, or per parcel cost?
A: Not known at the time – would need to add everything up to give an accurate estimate.

Q: How is the spatially accuracy of the infrastructure data in relation to the new landbase?
A: Water, sewer, and storm drain data have been GPS'ed and COGO'ed in accurately.

Q: What was the driving force behind this project?
A: Staff complaining about spatial inaccuracy of data; Other layers (sewer, water, storm) were more accurate; and need accurate landbase for pending new permitting system.

4. PRESENTATION – GEOSPATIAL METADATA TOOL
Steve Hossack, SANDAG

Steve demo'ed the metadata tool (http://metadata.sandag.org) built by SDREGIN, and based on FGDC standards. Follwing are some of the tool's features:
• Must login. Need an account.
• Shows you your 'published' and 'unpublished' layers.
• Layers of security can be added – who can view.
• Can add metadata information manually, or can import existing metadata from ArcCatalog from exported XML format (FGDC – CSDGM (XML))
• When you are ready to 'publish' – it will return an error if you need to add or fix anything. Shows 'required' fields.
• SANGIS provides a good document on how to maintain metadata through ArcCatalog.

Questions from attendees:

Q: What's the backend? What did it take to get it going?
A: SQL Server, MS DOT NET. Took SANDAG programmer less than two hours to get it up and running.

Q: Should there be a workflow, schedule, and contacts in place?
A: Paul Hardwick is working on this.

Q: Will this local metadata feed up in to a State metadata catalog?
A: Not currently. Silo'ed status is a drawback. If State metadata catalog could "find" local metadata through search function, that would be helpful.

Q: Can metadata be separated out by agency?
A: Not yet. (Suggestion to add 'responsible agency' to search and sort capability)

Q: Who can edit the metadata?
A: Only the person who logged in originally and created or posted the metadata.

Q: Who developed it?
A: GeoDecisions, specifically for SDREGIN. It was a byproduct of the SDREGIN Strategic Plan.

Comment: As one big list, it is not too useful. Search standards should be put in place and agreed upon in the region.   Steve agreed that it needed work to make it really usable.

5. ESRI UC HOST BOOTH – Pat Landrum
- Will be located in same place – outside of Sail Area
- 30 maps have been submitted.
- Poster judging by URISA on Monday.
- Awards Ceremony, Tuesday, 12 noon at the Host Booth.
- **And the 2010 winners are…**
- Most Educational About GIS: Tricia Toomey, Homeland Security Regional Technical Center
- Most Technologically Integrated: Robert Flamenbaum, SDG&E
- Most Analytical: Martie Clemons and Doug Bilse, City of Carlsbad
- Most Artistic: Grace Chung, SANDAG
- Best Cartography: Beth Jarosz and Rachel Rider, SANDAG
- Grand Showcase Award Winner: Danny Veeh, SANDAG

6. OPEN DISCUSSION

☑ Pat Landrum indicated that Dan Hildebrand, City of Escondido, is the point of contact for the planned update of the region's GIS Survey. The last one was done 5 years ago. This new survey will look at server technology, mobile, etc. and will probably be developed using Survey Monkey.   A subcommittee is being formed, and the survey should be ready to take by the next SDRGC meeting.

7. NEXT MEETING
The next SDRGC meeting will be held on October 13, 2010. If you have any ideas for possible agenda items please contact Grace Chung: cchu@sandag.org

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