

SDRGC Meeting Notes: October 2017

October 11, 2017, 9:00 am - 11:00 am
Hosted by City of Carlsbad Safety Training Center
5750 Orion Street, Carlsbad, CA 92010

USGS GEONEWS:

USGS Contact Information:

- Drew Decker
- Email: ddecker@usgs.gov
- Phone: 619-225-6430

USGS 3D ELEVATION PROGRAM (3DEP) UPDATE

- Lidar in production for San Diego County
 - Align with Lidar for West San Diego County (2014)
 - Align with Lidar for Central San Diego County (FEMA, 2015)
 - Final deliverables in progress
 - Expected data deliver by end-of-year (2017)
- Lidar delivery for Los Angeles County delivered to USGS
 - Minor corrections required, expected turnaround time approximately one (1) month
 - Updated delivery date: November 2017
- Lidar project in Northern California
 - Southwest Mendocino County in progress
- 3DEP Broad Agency Announcement (BAA) for elevation funding.
 - Funding goal is to assist with new Lidar data collection.
 - Detailed information: nationalmap.usgs.gov/3dep
 - Proposals due no later than October 20, 2017 for priority review and award of funds if selected.
 - BAA is open for the entire fiscal year (FY1718) and proposals are welcome anytime

OTHER LIDAR PROJECTS

- FEMA Lidar Collection
 - 8 areas of interest in Arizona and California
 - Nearest project to San Diego County is Salinas Watershed in Monterey and San Luis Obispo Counties.
- Mojave Desert
 - Started in August 2017
 - Science Application for Risk Reduction (SAFRR) funding for two sites:
 - Pinto Mountain Fault Zone
 - Region between Fort Irwin and Twentynine Palms

- Goals/data use: seismic studies and other applications
- Northwest Joshua Tree National Park, small portion of Los Angeles County
 - Project area goal/data use: landslide risk assessment
 - Project extent: 1575 square miles
 - Data: Quality Level 1

CALGIS GEONEWS

- Phil Beilin: new CalGIS Council President
 - New president seeking ideas on what a successful agency/state collaborations would look like to show that the effort would provide a valuable service.
- Emergency Response Roundtable
 - Status updates from various agencies of their emergency response efforts and projects.
 - USGS SAFRR (Science Application for Risk Reduction) project called the “Haywired Scenario”. Primary question of interest for the project:
 - What does a 7.8 magnitude earthquake look like in an urbanized area and how business continuity and lifeline support is handled?
 - www.haywired.us for more info
- NHD Working Group update, Jane Schafer-Kramer
 - CalGIS website has more info regarding NHD workgroup reports.
- Department of Water Resources (DWR)
 - CalWater Dataset v2.2.1 is the *last version to be published*
 - DWR will only update California Watershed Boundaries Dataset (CWBD) moving forward.
 - Equivalent to WBD found on the National Map.
 - Announcement letter on California GIS Council website under NHD Workgroup section.

SANGIS GEONEWS

SanGIS Contact Information

- Brad Lind
- Email: blind@sangis.org

San Diego Contact Information

- Scott Daeschner
- Email: sdaeschner@sandiego.gov

GENERAL SANGIS NEWS

- Best of California Award, Best IT Collaboration Among Organizations presented to SanGIS, City of San Diego, County of San Diego – September 12, 2017
- San Diego County Assessor’s Office:

- Tax Rate Area updates complete
- District and Municipal boundary layers have been published
 - Jurisdictional overlay values updated on a number of layers
- SanGIS, County Assessor's Office, LAFCO working to provide updated municipal boundary layer on a more regular basis to reflect approved changes recorded throughout the year.
- FY2018 Emergency Data Drives now available.
 - Contact Brad or Louise at SanGIS to acquire the data for your agency.

SANDAG GEONEWS

SANDAG Contact Information

- Pat Landrum
- Email: pat.landrum@sandag.org
- Phone: (619) 595-5602

LIDAR ACQUISITION FOR EAST COUNTY

- Project Status:
 - Estimated data delivery: November 2017
 - Consultant currently working on derivative products (2' contours, DEMs)
 - Contour data will be downloadable for agencies – time frame TBD
 - Contour interval (FEMA): 5 feet
 - Contour interval (regional): 2 feet
 - Downloadable contours will be exportable to AutoCAD format via map service from SANDAG
- LiDAR point cloud data provided to imagery project consultant to assist with orthorectification of 9" imagery for eastern portion of the region.
- Building footprints/outlines
 - Building outlines from LiDAR are being generated as a pilot portion of the project
 - Estimated delivery date: Spring 2018
- Tract-level unit counts will be available to local jurisdictions from SANDAG.
- Elevation model available at regional scale
 - 2500x2500 foot tiles
 - DEM resolution: 2.5 feet

REGIONAL BIKE MAP UPDATE

- SANDAG updates planned for early 2018
- Outreach to local jurisdictions to begin late 2017
- SANDAG will request GIS data, or updates can be made via interactive web map

CENSUS 2020 LUCA PROCESS

Census 2020 Local Update of Census Addresses Operation (LUCA)

- Training Workshop held November 2, 2017 at SANDAG
- SANDAG outreach to local agencies regarding LUCA coordination and assistance in mid-November 2017.

Deadline for participating agencies to register for the LUCA program is December 15, 2017.

- LUCA materials traditionally mailed to highest elected official in a jurisdiction area (i.e. Mayor)
- Registration is per government entity (for example, city or county)
 - Walter Schwarm (Primary): walter.schwarm@dof.ca.gov
 - Nancy Gemigani (Secondary): nancy.gemigani@dof.ca.gov
- Online: www.dof.ca.gov/Forecasting/Demographics/2020_Census/
- Phone: (916) 323-4086

California Department of Finance offering financial incentives for local jurisdictions to participate in the 2020 US Census LUCA program. See deadline and contact information for Walter Schwarm and Nancy Gemigani from California Department of Finance.

GUPS: Geographic Update Partnership Software (available from US Census Bureau)

Software solution available from US Census for users/jurisdictions who do not have GIS or prefer to use the provided software solution for this process.

Follow-up with Pat Landrum at SANDAG for more information about the LUCA program.

WORKING GROUP UPDATES

IMAGERY WORKING GROUP – SCOTT DAESCHNER, SANGIS

- 2017 Regional Imagery Project
 - Status: In Progress
 - Final delivery delayed to December 2017
 - Funding: Project more than 99% funded up to this point. Great collaborative effort from all participating agencies.
 - Data collection complete, Pictometry working on ortho-rectification.
 - SANDAG and USGS have arranged to provide Lidar for the eastern third of the county to ensure rectification is done using the most current and best available data.
 - SANDAG: Pat Landrum (pat.landrum@sandag.org)
 - USGS: Drew Decker (ddecker@usgs.gov)
 - Pictometry: Imagery delivery delayed by approximately 2 months due to delays in completing flights.
 - Estimated delivery date: December 2017

- Incremental deliveries offered by Pictometry to make critical data available as soon as possible.
- Pictometry coordinating with SanGIS to make 4" imagery available as soon as possible.
 - Delivery date TBD
- SanGIS has requested that imagery be made available via Connect platform as soon as possible.
- Project is 99.8% funded. Great collaboration by participating agencies to coordinate purchase orders and payments for this regional project.

GEOCODE WORKING GROUP – DAWN MARTIN, ARJIS

- Survey results from working group members are being compiled.
 - Pat Landrum to schedule follow-up meeting to develop action items based on survey results.
 - Top priority from survey respondents: address points
 - Low priority from survey respondents: parcels
- Not much uniformity at a regional level – over 50% using custom geocoding tools
- Improvements needed for geocoding multi-family addresses and multi-address parcels
- Follow-up meeting scheduled for November 2017
- Contact Dawn Martin or Pat Landrum for more information

GIS MANAGER'S WORKING GROUP (PROPOSED)

- Eric Culp (City of Chula Vista) has offered to take the lead for this group. Proposed goals listed below:
 - Share experiences on common issues
 - How does GIS provide value to organizations within the region?
 - Funding and staffing issues.
- Follow-up at January 2018 RGC meeting.

PRESENTATION: NEXT GEN 9-1-1 ROUNDTABLE

PRESENTED BY: SANGIS, NORTH COUNTY DISPATCH JPA

NEXTGEN 9-1-1 INITIATIVES AT SANGIS

- SanGIS understands its responsibility in creating and maintaining the GIS layers that will be required to implement NextGen 911. In fact, SanGIS has been working with the City and County and other emergency response agencies to develop a plan to build National Emergency Number Association (NENA)-compliant datasets that will meet the NextGen 911 needs.
- SanGIS has outlined a plan to develop the critical NextGen 911 datasets for road centerlines and addresses and, possibly, places. SanGIS has determined that the current data layers cannot be "retrofitted" to meet NENA standards therefore SanGIS will be creating and maintaining new

NENA-compliant datasets in parallel with the current layers until such time as all users and applications can be moved to the new layers.

- In general, SanGIS' plan is as follows:
 - Create a new Road Name Table using National Emergency Number Association (NENA)-compliant fields and data checked for completeness and correctness. This is currently in progress and SanGIS is looking at possibly using an outside vendor to verify the data.
 - Create NENA-compliant schemas for road centerlines and addresses.
 - Copy current data from available sources to NENA-compliant layers. SanGIS is relying on all jurisdictions to provide current road and address information if it differs from SanGIS.
 - Verify data layers and develop workflow process for data updates and maintenance.
- SanGIS, San Diego County Sheriff's Office (SDSO) working to analyze existing Emergency Service Number (ESN) layer relative to fire agencies, municipal boundaries, law beats, etc. to prepare for creating new PSAP layers. SanGIS has had discussions with interested agencies to discuss funding and coordination.

NORTH COUNTY DISPATCH JPA

- North County Dispatch JPA discussion on emergency GIS data in Communication Centers with Suzann Lenninger and Jennifer Libby-Jones. North County Dispatch JPA can be contacted at (858) 756-3006.

OTHER UPDATES

SDLECC: REGIONAL TASK FORCE FOR THE HOMELESS

- Point of Contact: Marie Kennedy (marie.kennedy@sd-lecc.org)
- Regional Task Force for the Homeless (RFTH) is part of National Alliance to End Homelessness
- Point-in-Time Count (PITC) for regional homeless population
 - Data collection is 100% volunteer-based
 - Based on US Census Tract
 - Data QA up to 97% accuracy
- Historical Data
 - 2015, 2016, 2017 data available for public agencies
- Counts have historically been done for funding purposes
 - Relatively recent effort – robust historical statistics not available
- Data processing: 6-8 hours of digitizing once data has been collected. Data collection usually on paper.
- Example use-case: data needed to improve first-responder safety (fire, law enforcement)

MISCELLANEOUS NOTES

- Future Climate Change Modeling (Ross Martin, County of San Diego)
 - Temperature, rainfall, humidity, etc.
 - Follow-up with Scripps for possible data starting point

- Atkins Engineering: some community-level work may be under way in this area
- Next-Gen 9-1-1 Workflow Training/Workshop (Jeff Ledbetter, Michael Baker International)
 - Target audience: GIS professionals supporting 9-1-1 requirements within their organization
 - See announcement from SoCal URISA for details
 - Point of Contact: Jeff Ledbetter (jeff.ledbetter@mbakerintl.com)
- Spatial Web Working Group
 - SANDAG has offered to lead this group
 - WebGIS and application development news
 - Possible merge with crowd-source working group (Abe Coughlin, City of Escondido)

NEXT MEETING: JANUARY 2018

Date: Wednesday January 10, 2018

Time: 9:00 – 11:00

Venue: City of San Marcos Council Chambers

1 Civic Center Dr

San Marcos, CA 92069

SDRGC Attendance October 11, 2017

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