

SDRGC Meeting Notes: January 2018

January 10, 2018, 09:00-11:00

Hosted by City of San Marcos

1 Civic Center Dr, San Marcos, CA 92069

USGS GEONEWS:

USGS Contact Information:

- Drew Decker
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USGS 3D ELEVATION PROGRAM (3DEP) UPDATE

- 3D Elevation Program under way to support generation of new elevation data across the country.
 - Lidar recently completed for East San Diego County
 - Align with data collection for West San Diego County (2014) and Central San Diego County (FEMA, 2015)
- New Lidar for Los Angeles County, January 2018
- USGS released the next 3DEP Broad Agency Announcement (BAA) for elevation funding. BAA funds assist with collection of new Lidar data
 - More information: nationalmap.usgs.gov/3dep

OTHER LIDAR PROJECTS

- FEMA Lidar Collection
 - Funding awarded for 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 Twenty-nine 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

OTHER USGS NOTES

- USGS planning to generate new topographic maps for California (2018).
 - Name: US Topo
 - Third cycle/edition for 2018: First and second cycles in 2012 and 2015
 - Map content
 - Contours
 - Hydrography
 - Transportation
 - Aerial imagery
 - New features for 2018 edition: Wetlands and selected Trails
 - Projected availability for (FREE) download: August/September 2018
 - File format updated to Geospatial PDF
 - Formerly GeoPDF

SANGIS GEONEWS

SanGIS Contact Information

- Brad Lind
- Email: blind@sangis.org

City of San Diego Contact Information

- Scott Daeschner
- Email: sdaeschner@sandiego.gov

GENERAL SANGIS NEWS

- Address Data
 - SanGIS working on removing certain address attributes from parcel and lot layers for the past several months
 - Data files currently added based on SanGIS address point data.
 - Preliminary requirements complete (parcel and lot layers). Expected completion date: March 2018
 - Data removal in two stages:
 - Remove data with attribute fields intact
 - Remove attribute fields
 - Moving forward, parcel/lot layers will only show address information based on Assessor's Master Property Record (MPR).
- Jurisdiction Boundary Updates
 - SanGIS, LAFCO, County Assessor's Office has developed a plan to update municipal boundaries as annexations and detachments are recorded. This is a significant

improvement from current annual update interval used for the County Assessor's Tax Rate Area updates.

- County Assessor's Office will continue to maintain tax-based boundary data
- SanGIS: Updates will be published as changes are recorded by LAFCO.
- SanGIS/LAFCO/County Assessor data will be reconciled annually.
- Jurisdictions are encouraged to communicate with SanGIS regarding pending annexations/detachments to ensure the process is working properly.

SANDAG GEONEWS

SANDAG Contact Information

- Pat Landrum
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LIDAR ACQUISITION FOR EAST COUNTY

- Project Status:
 - Project complete, deliverables received
 - DEM, contours will be available as services
 - Coordinate with SanGIS to make data available via Regional Data Warehouse
- DEM Data to National Map Viewer
 - Data downloadable on a tile-by-tile basis
- LAS Data available from SanGIS upon request
 - Nominal fee to cover cost of labor, external hard drive.

BUILDING OUTLINES PROJECT

- Latest SanGIS flat parcel file provided to vendor (Pictometry).
 - Parcel file will be the basis for creating building outlines
 - Deliverable date: Late Spring/Summer 2018

SCHOOLS PROJECT

- Updated Schools point layer nearly complete (SANDAG)
- Schools polygon layer: ARJIS
 - New process initiated to better meet the needs of law enforcement/first responders

BIKE ROUTES

- Updates scheduled for regional bike map and web mapping application (iCommute website)
- Active Transportation Planning (Josh Clark) leading data outreach effort to local jurisdictions.
- Data Update Lead: Rebecca Grover (SANDAG)

REGIONAL TRANSPORTATION PLAN (SD FORWARD)

- Regional Transportation Plan updates in progress (SANDAG)
 - Includes long-range forecast and transportation model to support regional plan development
 - GIS Team will be supporting data deployment, analysis, and mapping over the next 18 months

SANDAG: TECHNICAL SERVICES REORGANIZATION

- SANDAG Technical Services has been reorganized.
 - GIS falls under Data Solutions Group
 - Data Solutions Group responsibilities: Acquisition, transformation, management and delivery of all data that supports Technical Services products and services.

WORKING GROUP UPDATES

IMAGERY WORKING GROUP – SCOTT DAESCHNER, SANGIS

- 2017 imagery delivery complete
- If your agency did not receive notification of available deliverables, please contact Louise Wedley, SanGIS Data Librarian to arrange for delivery.
- SanGIS requests that all agencies review the data and communicate any issues discovered with the deliverables.

GEOCODE WORKING GROUP – PAT LANDRUM, SANDAG

- Future meeting will be scheduled to discuss results of Geocode Working Group survey.
- Phase 1: SANDAG/SanGIS Parcel Lookup Tool/Geographic Boundary Viewer
 - Upgrade/migration/consolidation nearly complete
 - New application will be released in approximately 30 days (February 2018)
 - Parcel feature/table export capabilities + parcel report function.

GIS MANAGER'S WORKING GROUP

- Lead: Eric Culp (City of Chula Vista)
- First (1st) Meeting
 - February 27, 2018, 13:00-15:00 PST
 - County Operations Center
 - 5510 Overland Avenue, San Diego, CA
 - Room 271
 - CR located off 2nd floor lobby at top of stairs per meeting notification
 - Agenda coming soon.

STUDENT SHOWCASE WORKING GROUP

- Brad Lind agreed to get this new group started and will call for participants in an initial formation meeting. Interested parties can contact Brad Lind at SanGIS (blind@sangis.org)

NEXT GEN 9-1-1 WORKING GROUP

- Brad Lind reported that SanGIS is moving forward with the development of NG911-compliant road and address point layers. Standards review and training completed. Interested parties may contact Brad Lind at SanGIS (blind@sangis.org)

PRESENTATION: ENTERPRISE GIS FOR CITY OPERATIONS

PRESENTED BY: CITY OF SAN MARCOS, ALEX SAINZ

- Share experience and knowledge with local agencies regarding upgrade to ArcGIS Enterprise 10.5.1
- Major Topics Covered
 - Phase 1: Upgrade and Migration
 - ESRI Professional Services
 - Upgrade major components
 - Migrate ArcGIS Server site
 - Phase 2: Maps and Applications
 - Configure and deploy ArcGIS updates on updated network infrastructure
 - Update internal applications
 - Phase 3: Future Vision
 - Modernization of GIS platform: Desktop (Pro), web, mobile
 - ArcGIS Enterprise in the organization
- PowerPoint slides available on SDRGC website.

OTHER UPDATES

SDRGC ELECTION RESULTS

- Chairperson: Ross Martin, County of San Diego
- Vice Chairperson: Alex Sainz, City of San Marcos
- Secretary: Rebecca Grover, SANDAG
- Webmaster: Harry Johnson, San Diego State University

PALOMAR COLLEGE UAS PROGRAM

- Melisa Caric Lee, Compass Rose GIS
- Compass Rose GIS, City of San Marcos, and Palomar College have established a partnership for a UAS pilot program.
- Imagery, Digital Elevation Model (DEM), and infrared (IR) data have already been collected for various sites.
- Program participants will follow-up for data review, discuss process improvements, next steps.

ESRI: ARCGIS PRO WORKSHOP (PROPOSED)

- Harry Moore IV (Esri, Solutions Engineer) has offered to provide an ArcGIS Pro workshop for GIS professionals in local government agencies.
- Workshop information will be provided to the group once details are finalized
- The membership appeared to have significant interest in this item, especially as Esri moves away from ArcMap

NEXT MEETING: APRIL 2018

Date: Wednesday April 11, 2018

Time: 9:00 – 11:00

Venue: Padre Dam Municipal Water District
9300 Fanita Parkway
Santee, CA 92071

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