

San Diego Regional GIS Council Meeting Minutes

Wednesday October 10th, 2018

Chula Vista Civic Center

GEO NEWS

USGS Update – Drew Decker

- New US Topo maps for California
 - Multi-layer digital 1:24,000 scale product, similar in appearance to original topo maps
 - As of October 2018, all 2798 quadrangles for CA have new maps generated
 - Contain many of the same layers as historic maps, including: contour lines, hydrography, roads, boundaries, structures, geographic names, some land covers, and certain trails
 - New US topo maps contain aerial photo layer supplied by USDA NAIP
 - Maps can be downloaded as Geospatial PDF documents via [USGS National Map Download](#) and [USGS Store](#)
- NHD Markup Application
 - New web-based mapping communication tool that allows users to suggest edits or “markups” to the NHD, WBD, and NHDPlus HR
 - Requires a gmail account and use with the Chrome browser
 - Suggested edits reviewed by USGS and NHD state steward (CA Dept of Water Resources) before they are approved for incorporation into datasets/products
 - Review and status changes handled through Markup Reviewer tool, an ArcGIS add-in available to NHD/WBD stewards and editors

SanGIS Update – Tod Chee

- Next Gen 911
 - Michael Baker provided draft plan (currently under review)
 - One month to review plan then begin work
 - Roads and Address Points to be in compliance
 - Goal: publish two sets of road and address layers
 - 1) Public consumption and 2) NG911 compliant
 - Eventually phase out old layers
 - Address Points being moved onto structures
 - Begin with City of SD and contracted areas
 - Contracting with County fire to get theirs done first
 - Move to rest of County as time permits
- Assessor Maintained Parcels
 - County Assessor is currently in final stages
 - Currently working with SanGIS to determine operational workflow

- SanGIS and RDW will still provide data
- RFP for new IT contractor
 - Seeking someone in the IT field who works with small or medium sized companies
 - Accepting bids until end of October 2018

SANDAG Update – Becca Grover on behalf of Pat Landrum

- Census activities
 - LUCA – complete
 - SANDAG received reimbursement from CA Dept of Finance for serving as liaison for four jurisdictions
 - 100% participation by member agencies
 - PSAP (Participant Statistical Areas Program)
 - Kicking off as soon as final guidance is released
 - SANDAG lead agency in this effort, will be reaching out to jurisdictions related to updates to Census Tracts, Block Groups, and Census Designated Places geographies
 - Census Complete Count Committee
 - SANDAG leadership met with officials from Census Bureau, CA Census 2020, and local leaders to discuss SANDAG’s role in this effort
 - Goal of Complete Count initiative is to ensure outreach is performed in hard-to-count areas within the region
- Regional GIS Data Warehouse migration – complete
 - Total overhaul of Parcel Lookup Tool and consolidation of Geographic Boundary Viewer
 - Parcel Lookup Tool now includes expanded number of geographic layers, parcel feature and table export tools
 - Phase 2 enhancements (work already initiated) include: print tools, additional layers, updated imagery tools, and access to 2017 oblique imagery
- Migration/Consolidation of public-facing GIS REST services
 - Completed by December 2018
 - Will be reaching out to the community with updates
 - New server will be secure (HTTPS/SSL), so all services will be available in Portal and AGOL
 - Underutilized services will be eliminated, as well as some redundant services that were created as one-off’s to support specific applications and tools

WORKING GROUP UPDATES

CalGIS Update – Drew Decker

- Conference held October 9-12th, 2018, at Convention Center in Palm Springs, CA

- This year CalGIS was combined with GIS-Pro (annual URISA conference) so higher presence of URISA folks and those from outside CA
- One-day workshop on NHD Applications co-hosted by a team of CA DWR, USGS, and CSU's Chico and Northridge
- Other workshops included: addressing, GISP certification, open source GIS, and UAS mapping
- Keynote speaker was Jack Dangermond
- Updates on CGIA awards and a report of the GIS Corps
- Presentation sessions covered several program tracks: GIS Leadership, Smart Communities, GIS and Natural Resources, GIS for Emergency Response, GIS for HHS, Future GIS, Geospatial Tech Innovations
- See website: <https://www.urisa.org/gis-pro>

GIS Manager's Working Group – Eric Culp

- Take-aways from the Esri User Conference
 - Significant discussion about ArcGIS Pro: status, pros/cons, adoptions, etc.
 - Discussed new Utility Network
 - Multiple attendees mentioned how much they liked the Operations Dashboard
 - Discussed System Recovery options for ArcGIS Enterprise, Portal and the Data Store with follow-ups
- Future Topics – several topics for the next meeting were discussed, including:
 - ArcGIS Pro: testing through common workflows
 - Reported back that parcel update workflow works very well in Pro
 - On-Premise vs. Cloud – advantages, considerations, pluses and minuses, etc.
 - Workflows for data updates – how do various agencies build cross-departmental workflows to make sure GIS data stays up-to-date?
 - Keep institutional knowledge when someone leaves or retires
 - Would like to see managers take a workflow that you would do in Desktop and try it in Pro
 - Find out which workflows are supported and which are not

Geocode Working Group – *On hold until after SanGIS completes NG911 efforts*

2019/2020 REGIONAL IMAGERY CONSORTIUM

Tod Chee, SanGIS

- Continuing discussion from last meeting
- Do we like current model of custom flights every 2-3 years, or do we want a subscription type service such as Nearmap or Digital Globe?
 - Current model:
 - Pros: Process familiarity, potentially lower cost, entire County covered

- Cons: Irregular billing cycle, poor update frequency
- Subscription:
 - Pros: Annualized billing, frequent updates
 - Cons: Potentially higher cost, does not cover entire County
- Nearmap
 - Twice a year flights minimum urban area high resolution
 - Can do one-off flyovers as needed
 - Can fly entire County at extra cost
 - Obliques available
 - Reasonable cost, but still more than we pay now
 - Yearly invoice to anyone who wants to buy into a subscription
 - Group buy-in could be more affordable than branching off individually
 - Contract would be maintained at SanGIS
 - Ok with providing local copies
- Digital Globe
 - 30-50cm
 - Updates every 1-2 months urban, 3-5 months rural
- City of El Cajon – comments:
 - Police Dept always asking for new imagery, twice a year flights would be great
 - City of San Marcos agrees: frequent requests for newer imagery
 - Good option for fire, first responders
 - Like to have physical copies
 - Like to have topo lines and contours, DEM
 - City of Oceanside agrees: beneficial if contours are included with deliverable
 - City of San Marcos agrees: frequently requested dataset, especially for development projects
 - Tod: contour and elevation data won't go away, but not sure yet how often it will be updated
- Licensing and archive access considerations
 - Tod: you can get all previous imagery
 - Licensing: we aren't sure yet
 - City of Escondido is using Nearmap
 - Access to all archives since 2014
 - Licensing: up to you if you want to give access to public or not
 - Can access past imagery even if you cancel your subscription?
 - By downloading it, yes
- Subscription might be easier to budget for every year
- As long as physical copies are available in addition to online access, subscription might be good
- Custom flyovers charge by square mile
- SDRGC group is interested in pursuing imagery as a service
- SanGIS will reach out to the participants in the last consortium to solicit business requirements before moving forward
- SanGIS will send out Survey123 or Survey Monkey to group to get feedback on our preferences moving forward

OPEN DISCUSSION

- Fire season
 - Question from SDG&E: any standardized map for fire incident boundaries?
 - OES publishes these as service: [public emergency map](#) is visualization of the "public_features" layer [here](#)
 - SanMAPS is closed AGOL group for sharing information that is not approved for public release
 - For emergency management purposes only; includes data with other restrictions or that may be in review, like changing fire perimeter information from SCOUT
 - WebEOC's mapping component visualizes the combination of the public emergency map and SanMAPS
 - Contact [Robert Barreras](#) for more information
 - Marie Kennedy: County OES doing active GIS support training
- Question from Abe Coughlin (City of Escondido): how often do Sheriffs update their municipal boundaries, annexes, etc.?
 - Marie: beats layer updated then provided back to SanGIS
 - Tod: SanGIS maintains 2 layers:
 - 1) Assessor municipal boundaries: JUR_MUNICIPAL_ASR
 - 2) JUR_MUNICIPAL which includes more recent annexations that haven't been recorded by Assessor's office yet
 - Updated based on communications from LAFCO
 - Includes annexations that have taken place after December 1st on a given year - cutoff date for Assessor's office
 - Eric Culp: historical data of these is retained by County
- Question from Alex Sainz (City of San Marcos): NG911 question - how will local agencies be brought into the process?
 - First responder feedback:
 - Schema change on the layers to be NG911 compliant
 - Spatial adjustment of data and other data quality considerations
 - Establish workflow for getting compliant data from jurisdictions

NEXT MEETING

Wednesday January 16th, 2019

9:00 AM – 11:00 AM

City of Vista

200 Civic Center Dr – 2nd Floor, Community Room #201

Vista, CA 92084