San Diego Regional GIS Council Meeting Minutes
Wednesday January 16th, 2019
Vista Civic Center

GEO NEWS

USGS Update – Drew Decker
- National Hydrography Dataset (NHD)
  - Has been updated for various hydrologic units across California
  - California Department of Water Resources (DWR) is coordinating the work and is the CA NHD Steward
  - New "Markup Application" introduced to assist users in easily suggesting updates or fixes to NHD content
    - More details available at top of NHD Tools page here, including a link to an instructional video for the app
    - Users can suggest changes and DWR will review them and make the actual edits
    - Users will need a gmail account to utilize this app
- New digital topographic maps for California – US Topo
  - Third cycle of maps after editions in 2012 and 2015
  - Multiple data layers included such as contour lines, hydrography, transportation, and background aerial imagery
  - Assembled in late 2018 and now available for download as Geospatial PDF documents via USGS National Map Download and USGS Store
- NAIP imagery
  - Was collected by Farm Service Agency for CA in late summer 2018
  - Four band near infrared, 60cm spatial resolution
  - Data should be available in early 2019 from NRCS Data Gateway site
  - Previous coverage from 2016 available from NRCS Data Gateway and USGS National Map data sites
- USGS producing new how-to videos on using and accessing National Map data
  - Lessons vary in length and will focus on a certain dataset or website application
  - Videos are listed here, more are being added
- 3D Elevation Program (3DEP)
  - Continues to support new high-resolution elevation data development nationwide
  - Plans to release new Broad Agency Announcement soliciting proposals for data development later in 2018, details here
  - Study being conducted on elevation data applications, data products, and benefits, as well as needs for bathymetric data including inland, nearshore, and offshore data

SanGIS Update – Tod Chee

- Next Gen 911/NENA Compliance
    - Contract with Michael Baker International coming to close
    - Provided SanGIS with recommended steps toward compliance
    - Plan is to provide two Road layers, one legacy and one compliant
- Address Point Correction
    - Contracted with City of San Diego Fire and Rescue
    - Hiring staff to manually adjust remaining address point locations, currently being on-boarded
    - Looking to consolidate data with other municipalities to create a regional layer for the RDW
- City of San Diego Public Utilities Department
    - SanGIS will be assisting the City of San Diego with a labor intensive project digitizing and attributing utility layers
    - Need additional interns to help work on this through 2020; will be sending internship announcements to local colleges
        - If you know anyone or have recommendations, let Tod know
- City of San Diego LiDAR
    - City of SD is interested in pursuing LiDAR this year, independently of the Imagery Consortium
    - Any groups or municipalities interested in purchasing LiDAR should contact Scott Daeschner

SANDAG Update – Pat Landrum

- SANDAG hired Hasan Ikhrata as new Executive Director
    - Mr. Ikhrata is the former director of Southern California Association of Governments (SCAG)
    - Brings new vision to the agency; airport hub/connectivity project a key priority
    - Keen on moving forward with big data & analytics initiatives
- Building outlines
    - Actively integrating building outlines with land-use dataset
    - ESRI developed toolset
        - Staff are fine tuning the details and working with ESRI
    - SANDAG will be executing a task order with consultant to update building outlines
    - Will incorporate new buildings data into the land inventory system and integrate with employment data
- Regional Bike Map data update
    - Hard copy map will not be updated this year, but interactive online map will be refreshed with new data
    - Outreach to jurisdictions in early 2019 for bike data edits and updates
    - Goal is to update the online map by Bike Month in May

WORKING GROUP UPDATES

CalGIS Update – Ross Martin

- Recorded and listened to meeting, but no notes compiled yet

GIS Manager's Working Group – Eric Culp

- No meeting since last time
- Next meeting tentatively scheduled for February 2019

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

RISK ASSESSMENT OF DATA IN ENTERPRISE GIS OPERATIONS - RADEGO

County of San Diego GIS

- Link to presentation on SDRGC website
- Questions:
    - Can use this assessment as leverage to get funding?
        - Yes – that is exactly the utility for this
        - Program piloted at County until it is more refined
    - How did you decide which layers to include?
        - County assessed everything that they're responsible for on SanGIS list
    - How do you assess for accuracy? Where do you start?
        - Start with most problematic datasets first
        - Test for statistical significance
    - What is the score for the trails layer?
        - Not at a point to be able to publish scores for layers yet
    - Is the next step to develop some type of dashboard for this effort?
        - First step was to get this process set up and working; would be ideal to make it a useful tool for others at some point

2019/2020 REGIONAL IMAGERY CONSORTIUM

Tod Chee, SanGIS and Ross Martin, County of San Diego

- Still considering heading toward subscription based service
- Starting to put together quotes (assuming similar business requirements)
    - Need to determine how SanGIS will manage a regional pricing model for municipalities that wish to buy in
    - Goal is to operationalize the expense and enable ability to budget for these services
- Still working with vendors to determine best delivery method for subscription service
- The more customization we need from a service, the longer it will take

- Some internal discussions need to be had before moving forward
- Next steps are to put together package quotes and product availability
  - Goal is to have quotes available for the group by April 2019 SDRGC meeting and get feedback

ARCGIS PRO: MIGRATION, SUCCESSES, AND LESSONS LEARNED

Scott Rothberg, San Elijo Lagoon Conservancy

- Link to presentation on SDRGC website
- Not a lot of people are using Pro in this group yet
- Old versus new layout
  - Darts theme very helpful
  - People get confused by new capabilities and have trouble adjusting
- View based tabs and toolbars
  - Adjusting to toolbar capabilities
  - Managing labels and symbology much better in Pro but learning curve is higher
  - Communication across organizations is important to understand how everyone is doing their workflows in Pro
- Accessing the Portal
  - Another step that was introduced, is helpful
- ArcCatalog is still a mainstay
  - Hardest product to let go of until transition is complete
- Sharing maps and data
  - A major weakness in transitioning to Pro
  - Restrictions on sharing capabilities between Pro and ArcMap
  - Best solution is to export info to a web map
- Educating your personnel
  - Resistance to change coming from employees
  - Encourage people to use ESRI's online education tools
  - Managers should lead efforts to educate staff
- Questions:
  - Recommend starting over with new folder for existing projects?
    - Set paths in existing MXDs to new clean files
    - Import map in Pro
      - Be mindful of multiple data frames importing as individual maps
  - What was your approach for educating personnel?
    - Self educating, and then teaching others
    - Attending UC sessions and encouraging staff to attend
    - Encouraging use of ESRI online trainings
    - Taking charge of training and educating
  - Are we still thinking about having a regional Pro training?
    - ESRI will follow up and take action
    - Some have already hosted their own workshops
    - Traveling roadshow for Pro - get info from ESRI

- Challenge with not being able to publish to servers directly from Pro - will this be addressed by ESRI?
    - Something to consider before jumping into a transition to Pro

OPEN DISCUSSION

- Announcement from Ross Martin regarding Climate Action Plan
    - Tree canopy dataset
    - Will be available for download on SanGIS site soon
- Announcement from Rob Chohan: Call for papers on open data
    - Event in April in Mission Bay
- Geospatial San Diego will host its next Happy Hour event on March 13th
- Those who are going to the ESRI Developer Summit should take note of anything worth sharing with the group for next meeting

NEXT MEETING

Wednesday April 10th, 2019
9:00 AM – 11:00 AM
County of San Diego Operations Center
5520 Overland Dr
San Diego, CA 92123

SDRGC Attendance January 16, 2019

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