

# San Diego Regional GIS Council Meeting Minutes

Wednesday July 25th, 2018

San Diego County Operations Center

## GEO NEWS

### USGS Update – Drew Decker

- National Hydrography Dataset (NHD)
  - Being updated for a number of hydrologic units across the state
  - NHDPlus high resolution
    - Seamless network of stream reaches, elevation-based catchment areas, flow surfaces, value-added attributes
    - Expected completion for CA is end of 2018
- New digital topo maps for CA for 2018 – US Topo
  - Contour lines, hydrography, transportation, background imagery, trails (new this year)
  - Free and available for download by end of year
- NAIP imagery
  - Will be collected by Farm Service Agency for CA this year
  - Four band near infrared, 60cm resolution
  - Previous coverage from 2016 available on [Cal-Atlas website](#), NRCS Data Gateway, and USGS National Map data sites
- How-to videos on using and accessing National Map data
  - Videos listed on [website](#), with more being added
- 3D Elevation Program (3DEP)
  - 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

### SanGIS Update – Tod Chee

- 6 week transition from Brad's leaving
- Assessor maintained parcels
  - How to absorb data as they deliver it
- Next Gen 911
  - Discussions with Michael Baker
  - 911 compliant roads and address layers
  - Two or three month timeline
  - Will continue supporting existing roads and addressing in the meantime
  - Still accepting address data from jurisdictions

## SANDAG Update – Pat Landrum

- Building outlines
  - Pictometry added about 138 building polygons that were in ROW - corrected
  - Should be posted in RDW sometime next week (as of 7/25/18)
  - Just polygons, no attribute info yet
    - Begin attribution process as we move forward
    - Will identify land uses associated with buildings
  - Will be maintained yearly as part of our annual update workflow
  - A formalized system will be developed for working with jurisdictions to get address and other info for building outlines
    - Possibility of an interactive app where jurisdictions could edit or provide feedback
  - Possibility of adding unique ID's for building outlines
- Regional 3D Basemap
  - Using elevation data collected past few years
  - Use new building outlines
- Census
  - Nearly all jurisdictions have completed LUCA process
    - A few cities asked for extensions
    - Good participation from local jurisdictions
    - If you need info on getting reimbursement for this work, contact [Darlane Hoctor-Mulmat](#) at SANDAG
    - Will be reaching out to everyone on PSAP
      - 120 day turnaround
      - Outreach coming in the Fall
- RDW
  - 15,000 registered users now
  - Primary data users are a good mix of industries
- Migration to new server
  - Final rollout in the next 1-2 weeks (as of 7/25/18)
  - Rest endpoint will change (not for RDW)
  - Additional rest services available for most used layers in RDW
- New data layer viewer
  - Geo Boundary Viewer and parcel lookup tool combo
    - Ecology data
    - MSAs, census tracts
    - New imagery (to add oblique later on)
    - Draw and measure tools
- Geocode working group on hold for now, while Next Gen 911 is going on

## WORKING GROUP UPDATES

### CalGIS Update – Ross Martin

- Statewide interest in NENA
  - LUCA May have inspired this
- Speaker from Cal OES
  - Tsunami and earthquake info in an app
- Statewide parcel database
  - Need funds to make this happen
  - This last happened in 2012, data is still out there
- CNDDDB - California Natural Diversity Database
  - Could be some utility of this database for smaller jurisdictions who can't afford something else
  - Cost is \$600 per year to access the database
  - Affirmative database only: only where research has been performed
  - SanBIOS exists for SD; serves same purpose
  - Building a portal for CNDDDB for online access
- Another OES spokesperson
  - Open data hub for fire awareness — looking at AGOL
  - Assessing fire damage
- NHD dataset updates
  - Cartographic products to come out of NHD for mapping
  - Plans to build rivers as a cartographic product
  - Full day workshop using Pro at CalGIS conference

### GIS Manager's Working Group - Eric Culp

- Meeting held on May 8th
- Abe Coughlin from the City of Escondido presented on his experiences installing/configuring ArcGIS Enterprise 10.6
- Round table discussion: Third Party Application Integration with GIS
  - City Works, Lucity, meter reading, FME, modeling, etc.
- Future topics:
  - ArcGIS Pro
  - On-Premise vs. Cloud
  - FME (Quince @ Helix)
  - Eric will send out an agenda, tentative meeting date for August

## 2019/2020 REGIONAL IMAGERY CONSORTIUM

Ross Martin, County of San Diego

- Discussion/Question: is the consortium of value to everyone?
  - Imperial Beach, Padre Dam, City of Oceanside, SDSU all in favor (among others)
    - For a small city (like Imperial Beach), trying to purchase imagery alone would be much more difficult
  - The costs have come down significantly in the past few years
  - Other vendors took up to a year to get a deliverable, not reliable quality
    - Quality control is one of the value-added benefits of the consortium
  - Small company perspective
    - Liked being able to view past imagery
    - Accuracy is great, even if not as high res as other products (NearMap)
  - Switching from USGS because they're not really an imagery business anymore
    - Communication issues, QA QC all internal
  - The consortium allows participants to choose from a buffet of imagery options (subscriptions)
  - Some prefer deliverables versus a subscription
    - Oceanside likes to have physical imagery files on their own server
  - Contractor perspective (Evari GIS)
    - Trickle down to be able to gain access to imagery
    - Subscription based imagery may not always be accessible for contractors
  - SDUSD
    - Both online viewer and deliverables are useful
  - Benefit of custom flights is that we can share imagery with the public
  - SDSU perspective
    - When you purchase imagery as a region/consortium, everyone has access
    - Ability to customize projections
    - Anyone can use; even orgs with no money to spend like SDSU
    - Ability to receive accurate and reliable imagery is appreciated
    - Product is consistent across the region
  - Level of paperwork is minimal because the consortium leaders take care of that
    - Less bureaucracy in getting the products
- Getting requests for next LiDAR acquisition
  - Should think about next process for updating elevation data West to East
- We need a new champion now that Brad has retired in order to handle the leadership duties for the consortium

## OPEN DISCUSSION: ESRI USER CONFERENCE DEBRIEF/RECAP

- Ross:
  - Transition to ArcGIS Pro is similar to transition from ArcInfo Workstation to ArcGIS Desktop
  - Some Pro migration sessions didn't cover as much as they could have

- Marie:
  - Can organize/lead an effort to have sessions on Pro migration
- Harry from ESRI:
  - Will try to meet our needs, if we tell him what we want in terms of workshops
  - ESRI employees are always happy to come down to SD

## ANNOUNCEMENTS

- GIS Certificate at USD
  - 1-day certificate program
  - Need 2-3 industry members to be there
    - Can provide funding
  - May have to be Sat/Sun
  - Contact: [Suzanne Walther](#)
- Evri GIS is hiring two management level positions
- City of Escondido
  - Web application position will be open the week of 07/30/2018
- Homeland Infrastructure Foundation-Level Data (HIFLD)
  - HIFLD Open available for all: <https://hifld-geoplatform.opendata.arcgis.com/>
  - HIFLD Secure: government use requires homeland security related application, such as infrastructure assessments, natural hazard modeling, and emergency planning
  - Good for things like disaster management
  - For more details contact [Marie Kennedy](#) or [HIFLD](#) directly

## NEXT MEETING

Wednesday October 10th, 2018  
9:00 AM – 11:00 AM  
Location: To Be Announced

## SDRGC Attendance July 25, 2018

<b>Contact</b>	<b>Organization</b>	<b>Email</b>
Baron, Kurtis	Atkins	Kurtis.Baron@atkinglobal.com
Chee, Tod	County of San Diego	Tod.Chee@sdcounty.ca.gov
Coughlin, Abe	City of Escondido	acoughlin@ci.escondido.ca.us
Daeschner, Scott	City of San Diego	sdaeschner@sandiego.gov
Flamenbaum, Robert	SDG&E	rflamenbaum@semprautilities.com
Gordon, Jennifer	Geosyntec Consultants	jgordon@geosyntec.com
Granovskaya, Yelena	Padre Dam Municipal Water District	ygranovskaya@padre.org
Grover, Rebecca	SANDAG	rebecca.grover@sandag.org
Hendrickson, Rick	Michael Baker International	rhendrickson@mbakerintl.com
Hudson, Sarah	San Diego Unified School District	shudson@sandi.net
Isaak, Ari	Evri GIS	ari@sdgis.com
Johnson, Harry	San Diego State University	harry.johnson@sdsu.edu
Kennedy, Marie	San Diego Law Enforcement Coordination	marie.kennedy@sd-lecc.org
Kent, Barbara	Caltrans	barbara_j_kent@dot.ca.gov
Landrum, Pat	SANDAG	pat.landrum@sandag.org
Larsen, Colleen	Padre Dam Municipal Water District	clarsen@padre.org
Lathrop, Steven	Navy Region Southwest	steven.j.lathrop@navy.mil
Ledbetter, Jeff	Michael Baker International	jeff.ledbetter@mbakerintl.com
Martin, Ross	County of San Diego	ross.martin@sdcounty.ca.gov
Martin, Dawn	Automated Regional Justice IS	dawn.martin@arjis.org
McSpadden, Matthew	City of Poway	mmcspadden@poway.org
Mercer, Russell	City of Imperial Beach	rmercerc@imperialbeachca.gov
Michael, Ken	Padre Dam Municipal Water District	kmichael@padre.org
Moore, Harry	ESRI	hmoore@esri.com
Noori Bushehri, Saeid	City of Oceanside	snooribushehri@ci.oceanside.ca.us
O'Donnell, Rob	City of Vista	rodonnell@cityofvista.com
Packett, Tyler	Evri GIS	tyler@sdgis.com
Pallachulla, Kiran	Hunsaker and Associates San Diego	kiran.pallachulla@gmail.com
Phillips, Ronald	Helix Environmental Planning	ron.phillips01@gmail.com
Polat, Alihan	Pratt Institute	polatalihan@hotmail.com
Powvall, Sam	La Jolla Indian Tribe	spowvall@gmail.com
Rider, Rachael	SANDAG	rachael.rider@sandag.org
Roberts, Lorie	County of San Diego	Lorie.Roberts1@gmail.com
Robles, Michael	County of San Diego OES	Michael.Robles@sdcounty.ca.gov
Rothberg, Scott	San Elijo Lagoon Conservancy	scott@sanelijo.org
Sainz, Alex	City of San Marcos	asainz@san-marcos.net
Shananerger, Robert	Caltrans	robert_shanaberger@dot.ca.gov
Terrazas, Mario	Rick Engineering Company	mterrazas@rickengineering.com
Valles, Nevin	City of La Mesa	nvalles@ci.la-mesa.ca.us
Walther, Suzanne	University of San Diego	swalther@sandiego.edu
Williams, Tim	City of El Cajon	twilliam@cityofelcajon.us