SOLANO COUNTY REGIS

Meeting Agenda

Solano
Regional GIS
Consortium

Location: Virtual Microsoft Teams Meeting

Date: March 15, 2023
Time: 9:00am ~ 10:00am
Facilitator: Buffy Conrad

1. Introductions (5 mins)

2. Approval of February 15, 2023 meeting minutes, and New Business (10 mins)
   a. Open floor

3. Discussion (35 mins)
   a. Brian Bowers Lightning Talk, "ArcGIS and Jupyter Notebooks"
   b. Update on ArcGIS Pro Training (Daniel)
   c. LIDAR and Aerial imagery update (Daniel)
   d. Candidates for Executive Committee of REGIS election (Open Discussion)

4. Executive Team (5 mins)

5. Action Items (5 min)

Principal Organization Contact:

Eric Wilhelm	Benicia		Stewart Bruce	Solano County
Jordan Santos	Dixon		Kathrina Gregana	STA
Jasmin Acuna	Fairfield		Rowland Roberts	Suisun City
Nellie Dimalanta	FSSD		Dan Mattheis	Travis AFB
Wynter Vaughn	Rio Vista		Curt Corbett	Vacaville
Jeff Barich	SCWA		Alex Lacson	Vallejo
Bao Nguyen	SID		Mariah Henderson	VFWD

Solano County ReGIS Meeting

Meeting Minutes – February 15, 2023

Jasmin called to order the regular meeting at 9:03 am via MS Teams.

I. Introductions

The following persons were present: Jasmin Acuna, Jorge Goicochea, Stew Bruce, Daniel Machado, Buffy Conrad, Rachel Bu, Brian Bowers, Alex Lacson, Jordan Santos, Sean Justice, Alex Lacson, Curt Corbett, Bao Nguyen, Jeff Barich, Daniel Fortson, Travis Kroger, Jason Valde, Brian Bowers, Eric Wilhelm, John Kearns,

The group welcomed new attendees to the meeting: Eric Wilhelm - City of Benicia GIS Coordinator; Rachel Bu - Solano County GIS Analyst, Jason Valde - .

II. Approval of Meeting Minutes and New Business

A. January Meeting Minutes – No comments nor questions, moved to approval by Jasmin.

B. URISA conference on March 13-15

C. City of Fairfield - Jasmin
   1. Developing GIS Strategic Master Plan; GIS Parks Asset Inventory/Assessment to augment Parks Master Plan
   2. Public Works hiring new GIS Analyst
   3. Open Data Hub (expected Summer 23)

D. City of Vallejo -
   1. Upcoming open recruitment for new GIS Analyst
   2. AMI Project underway - replacing meters citywide

E. City of Benicia
   1. Eric Wilhelm, GIS Coordinator- plans for review and redesign of GIS Program

III. Discussion:

A. Lidar Workgroup – Daniel
   1. Finalizing contract for 2017/2018 QL2 countywide lidar/point cloud product
   2. QL1 90% flown- 905 sq miles- 90 day processing time; service agreement for derivative product availability; funding
   3. Aerial covers 2023 Urban Core (every city, sphere of influence, higher density areas). Confirming QC checks
   4. (Stew) Daniel received USGS 3DEP grant ($74,000) (USGS will do QC and make available on their viewer)
   5. County will fund contour creation
   6. All LiDAR/Contous are public- Recommend review of State of Washington LiDAR
   7. New State GIO incoming

B. Desktop Training – Daniel
   1. Contract waiting for signature
   2. Exceeded capacity of class – additional class to be added
   3. Look at adding Intermediate class including use of Solano County Apps
   4. Email Daniel with interest

C. ArcGIS Internship Program– Stew
   1. Any interest in developing a more formal internship program in the county?
   2. Outreach to community college/career technical program; ties with IT apprenticeship
   3. Possible funding/grant through workforce development board
   4. Email Stew with interest

D. BCS Addressing Tool- Daniel
   1. Solano County has purchased and maintains access to BCS the Addressor- a multijurisdictional tool to maintain address and street centerline data;
   2. Piloting user roles with "flag" capabilities to develop countywide network with error tracking and logging; Rhena will be testing with Fairfield data; possible Vacaville effort next; Benicia centerline available for review

E. Lightning Talk- Stew: "Data Elements for Understanding Housing and Homeless Issues"
   1. Data Sources - existing data, news, local agencies, agendas/minutes from board/council meetings, aerial imagery, new data collection
   2. Homeless locations - Available services and resources? Planning Departments - Housing Data Elements/ADU's (Accessory Dwelling Units). The County does not have an app or data for ADU and is asking how cities manage this data.
   3. HSS – Health and Social Services heavily involved with homeless programs.
   4. What can ReGIS do? Staff (Rachel assigned to county assessment), stakeholders, technology, information, maintenance, etc. Anyone interested in helping with this project to contact Stew.
   5. Jasmin is looking for a post office contact to help with answering questions about address data. Stew recommended having a one-on-one meeting with a postmaster may help.
   6. A group with the city of FF meets monthly, will forward info to Rachel. Stew also has a contact who is very active with homeless issues and will forward info to Rachel.

F. Executive Team: Elections
   1. ReGIS holds elections biennially; 2017, 2019 and 2021 with the next election scheduled in April 2023 and installation at the May 19 meeting.
   2. One of the long-term goals is for ReGIS to have a more formal and structured organization, with fees allocated to events, establish by-laws, etc. Our current "ad hoc" group has a good foundation with strong membership, consistent attendance and lively discussions. Let's make it better 😊
   3. No expertise is needed for these positions but the enthusiasm to helping ReGIS with its goals and possess general knowledge of GIS.
   4. Nominations in March, election in April, May installation.

5. Roles: Chair, Vice-Chair, Secretary
6. Earn GISP key points for leadership.

IV.   Additional topics

- Fairfield Martin Hill water tank north east of Hwy 80 - no GIS data existed for utilities, Dish Network was working in the area and almost damaged critical Telecom infrastructure for police and the main water supply line. PW & ITGIS had to go out in the field and GPS these utilities.
- Aerial Imagery Zoom Question- based on usable scale. Sanborn is sending hard drives in the next few weeks - each agency will have a copy provided and it is recommended to utilize this data for detailed scale.
- Six-year Sanborn Contract: 3" pixel resolution aerial imagery, new oblique imagery every year:
  o 2023 & 2024: Urban Core- includes cities, sphere of influence, higher density unincorporated area.
  o 2025: Entire county (every 3 years), 2026 & 2027: Urban Core. LiDAR- this year
  o Shared cost agreement invoicing
  o Sanborn/ESRI widget access under development: add oblique pop up to web app
  o EagleView Connect Explorer scheduled to be deprecated August 2023
  o Sanborn updating their viewer, working on the slope tool, widgets feedback encouraged
  o Advised not to rely on measurements based on horizonal accuracy of imagery; use WMTS service tiles for higher accuracy measurements, or GPS for best accuracy.

V.   Adjournment
Next meeting March 15, 2023 - Buffy will be facilitator.
Brian volunteered to do a lightning talk.
Jasmin closed the meeting at 10:10am.