

Solano County ReGIS

Meeting Agenda



Location: Virtual Microsoft Teams Meeting

Date: June 21, 2023

Time: 9:00am ~ 10:00am PST

Facilitator: Buffy Conrad

1. Introductions (5 mins)
 - a. New hires
2. Approval of May 17 meeting minutes, and New Business (10 mins)
 - a. Save the Date- GIS Day! November 9, 2023, CEC Conference Room
 - Requesting volunteers for Planning, Presentations, set up/clean up
 - b. Open floor
3. Discussion (35 mins)
 - a. Stew update on CGIA
 - b. Training updates/Summary of feedback – Daniel
 - c. Solano County GIS Resource list - Daniel
 - d. Update on OES- Daniel
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 – May 17, 2023

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

I. Introductions

The following persons were present: Buffy Conrad, Rowland Roberts, Curt Corbett, Rhena Berning, Bao Nguyen, Daniel Machado, Travis Kroger, Jasmin Acuna, Eric Wilhelm, Sean Justice, Stew Bruce, Wynter Vaughn, Brian Bowers, John Kearns. Rosaly Zambrana, Aaron Norman, Saven Roybal, Jeff Barich, Nate Murphy

II. Approval of Meeting Minutes and New Business

- A. April Meeting Minutes – No comments nor questions, moved to approval by Buffy, seconded by Daniel.
- B. New Business
 - 1. Daniel- Intro to ArcGIS Pro Training
 - a. Daniel will send out survey- curious about first impressions
 - b. Wynter- one of the best classes, thorough, great pace, instructor/assistant, applied lessons in real time
 - c. Roland- liked examples of county data
 - d. Travis- agreed, worthwhile training
 - e. Bao- downside- VM freezing up; wonderful instructor

III. Discussion

A. Lightning Talk – Rhena Berning

1. Street Network Analysis

- a. Is a spatial analytic method to look at road networks, both current and potential markets through supply, demand and accessibility
- b. Six types: Route, Service Area, Closest facility, Origin-Destination Cost Matrix, Vehicle Routing Problem, Location-Allocation
- c. Suisun Fire Protection district project example. Where is the best area for a new station? example using street network analysis: Proposed 2 potential locations based on response time, gaps in service
- d. Noted this can be performed in ESRI (uses credits) or QGIS
- e. Questions: Brian- To calculate fastest time do linear evens need speed attribute to estimate time? Rhena – depend is you are using street centerline or ESRI(living atlas) db. Can prioritize road class. Living atlas offers time of day, traffic, custom impedances/human behavior.
- f. Question: Stew- could you use Network Analyst instead of AGOL credits? Rhena yes but at the time chose Living Atlas. Credits usage not much unless you are using large areas of data.
- g. (Daniel—Rhena used 16 credits)

- B. Coordinating recurring training opportunity in cooperative format – Daniel
 - 1. Start convo about setting up cooperative purchasing efforts- Bring REGIS together to leverage more cooperative agreements \$600-1000K /yr per agency- county contributes remainder. 2024/25 fiscal year budget
 - 2. Sanborn Products, Lidar services, 3 DEP, dedicated training, derivative products (LULC, Density Analysis)
 - 3. Roland/Suisun, Jasmin/Fairfield interested/in agreement
 - 4. Start with training
 - 5. Rosaly/Vallejo would like a memo or more literature
 - 6. Who/how many will benefit?
 - 7. Wynter- does the limit on # of students effect guidance/support during course?
 - 8. Daniel will update questions on structure, cost, # of seats, etc. To be continued.
- C. Update on Aerial Imagery and Lidar products - Sanborn and NV5 – Daniel
 - 1. Sanborn working on 2023 planimetric updates
 - 2. Everyone should now have hard drives with 2022 data
 - 3. Adding 6" leaf on Hexagon aerial imagery to Solano county Portal and make available. Does anyone else need an account? Daniel is regional admin.
 - 4. Oblique Analyst 2023 imagery available. Public has parcels and centerlines. Internal includes assessee info. Daniel, Rhena, Buffy are admin.
 - 5. Contract with ENVI5 Quantum Spatial- purchased QL2 data 2017, QL1 2018. Contracted to merge and create derivatives: Lidar point cloud, bare earth DEM , slope, hillshade, DSM, etc. and publish services free to public
 - 6.
- D. OES - Daniel
 - 1. Creating Resource environment - links to PG&E - Daniel –
 - a. Creating shared list of resources for Solano based on:
 - b. Access to PGE access maps, first responder services Eric- vision is to have resources available
 - c. Brian/Fairfield PW- relevant to emergency response around water resources. Q? format? is this a list/ portal? Does this include zonehaven?
 - d. Zonehaven- sharing and integration with community. Access to evacuation layers? Ongoing conversation
 - 2. Training Opportunity – Daniel (point of contact for Solano GIS to work with OES)
 - a. Section training- free- info for GIS staff that may be called to provide data to OES
 - b. Jasmin- OES classes are recommended
- E. Other topics- next meeting June 21, 2023
 - 1. Brian- Availability of imagery for Lopes Road Benicia water main break?
 - a. Stew: access to imagery that was flown but not yet processed in March (pre incident). Satellite imagery, Drone (Buffy- access to drone services?) sherriff has access to drones, get FAA license, shared equipment/services, concern around Travis. Daniel: google earth, living atlas, fema.
 - 2. Wynter-Thanks for the training. Daniel looking forward to more training opportunities

IV. Adjournment

Next meeting Wednesday June 21, 9:00am - Buffy will be facilitator.
Lightning talk volunteers requested