

Program Manager Report

March 11, 2019

Administrative Updates:

- Continued coordination with Mary Fahey, Colusa Groundwater Authority (CGA), and others as needed to organize and direct joint tasks and upcoming activities.
- **California Fair Political Practices Commission (FPPC) Statement of Economic Interests (Form 700s)- 2018/2019 Forms are due April 2, 2019.** Please complete the Form 700 and send the signed original to Lisa Hunter. Forms can be found at the FPPC website at: <http://www.fppc.ca.gov/Form700.html> or contact Lisa Hunter to request a paper copy.
- The FPPC provided notification that the Conflict of Interest Code was approved by the FPPC on February 15, 2019, which becomes effective March 17, 2019.
- Continuing to distribute SGMA Fact Sheet, Subbasin Fact Sheet, and email distribution list sign-up sheet during grower permit renewals.
- Emailed Directors the I-GIS demo report.
 - I-GIS Workshop scheduled for March 29, 10am-4pm at the Glenn County Department of Agriculture (location may change if needed)- flyer attached
- DWR approved the Basin Boundary Modifications on February 11, 2019.
 - All proposed modifications in this region were approved.
 - Results can be found at: <https://water.ca.gov/Programs/Groundwater-Management/Basin-Boundary-Modifications>
- Upcoming: Bylaws- Working with Executive Committee/Legal Counsel to update Article 7.1 concerning signatures on checks to agree with the County's protocol.
- Upcoming: Complete tasks associated with the 2018 Government Compensation in California Report to the State Controller's Office.
- Upcoming: SGMA Program April 5 at Rolling Hills Casino, Corning with a local agencies panel including the GGA.

Project Updates:

- Colusa Subbasin GSP Development Proposition 1 Grant (CGA contracting agency)
 - The first invoice and progress report were submitted and approved by DWR.
 - GGA invoiced CGA for project costs associated with the HCM/Water Budget Project for reimbursement (\$13,058.50).
- HCM/Water Budget Project Update
 - Continuing bi-weekly meetings with M. Fahey, B. Clark, L. Hunter on project updates.
 - Team still waiting for release of C2VSim from DWR which is expected in 2nd quarter of 2019.
 - Moving forward with water budget information developed previously for projects in Glenn and Colusa Counties to review with individual water suppliers.
 - Preparation for refinements that may be necessary in C2VSim.

- Upcoming: Schedule a joint CGA/GGA TAC meeting to discuss the project, schedule, and tasks.
- Technical Support Services (TSS) Project (Monitoring well installation in Arbuckle) (CGA is DWR's point of contact)
 - DWR has conducted a site visit to the proposed well site.
 - It was determined the site was not feasible.
 - New site locations are being explored.
 - CGA will continue coordinating with DWR and update GGA staff on progress.
 - This does not preclude the Colusa Subbasin from requesting additional technical support, which could include additional monitoring sites in the GGA portion of the subbasin.
 - It is anticipated the TAC will review and make a recommendation on any proposed monitoring sites in the GGA area.
- Facilitation Support Services (CGA lead)
 - Continuing coordination with CCP and CGA on the draft Stakeholder Communication Engagement Plan.
 - Contract ends March 31.
 - An extension will be requested in order to have facilitation support for public outreach meetings.
 - Met with CGA/GGA/CCP staff on February 20.
 - L. Hunter and M. Fahey will provide input, continue to work toward filling in tables included in the report, and coordinate review with committees.
 - Stakeholder Engagement Committee will receive a copy and provide input in March.
- CGA/GGA MOU
 - V. Kincaid has been instrumental in developing the draft MOU.
 - Following GGA Executive Committee comments, the draft MOU was forwarded to M. Fahey requesting the CGA Executive Committee review and provide comments.
 - The CGA Executive Committee met February 28, 2019, but did not have time to discuss the MOU.
 - Another CGA Executive Committee meeting will be scheduled soon to discuss the MOU.
 - It is likely that a Joint Executive Committee meeting will take place to discuss the MOU in late March/April.
 - Following CGA and GGA Executive Committee reviews, the draft will be brought to both Boards for review, comment, and consideration of approval.
- Long-Term Funding
 - Conference call on February 26 with V. Kincaid, L. Sloan, M. Fahey at the request of the CGA regarding process clarifications.
 - Long term funding check in meeting on February 27 with the Funding Ad Hoc Committee, V. Kincaid, Provost & Pritchard team.
 - Funding Ad Hoc Committee met March 4.
 - A report on progress will be given under a separate agenda item.

Free DMS & HCM Workshop

From DMS to HCM, Step by Step

Date March 29 2019 @ 10 a.m– 4pm. (PT)

Lunch included

RSVP March 15 to cam@i-gis.dk

Location

Glenn County Department of Agriculture

Join this free DMS and HCM workshop in the GeoSuite- and GeoScene3D- software and get a comprehensive introduction to how online data management systems and hydrogeological modeling can be made easy.

10 am-12: DMS Demo

We will work with local data provided by Glenn county and go through the processes on properly populating the cloud based DMS and construct a 3D HCM.

- Introduction by the Consulate General of Denmark
- Populate the DMS with local data
- Import geophysical survey
- Import data into GeoScene3D
- Draw cross-sections
- Interpret cross-sections
- Interpolate layers and surfaces
- Upload result to DMS
- Create project

- Draw on Cloud based data
- View data, draw cross-sections
- Interpret data

12-1 pm Lunch (included)

1-4 pm HCM modeling workshop

-(Bring own laptop, pre Install GeoScene3D by following link

<https://www.geoscene3d.com/Download>

- Navigate in model
- Construct a 3D Hydrogeological Conceptual Model (HCM) in GeoScene3D
- Construct infiltration-, aquifer-, and aquitard - maps
- Upload model to DMS

Background

I-GIS is an innovative geo-environmental focused Danish IT company that provides private and public organizations with high quality services and software solutions. This includes the web based relational DMS platform named Geocloud and the 3D geological modelling package GeoScene3D for Hydrogeologic conceptual model (HCM) construction.

As highly specialized experts in GIS, IT and Geoscience, we employ approximately 50% geoscientists and 50% developers and are an experienced partner for both R&D partnerships and product development projects.

Terms of reference

Since 2008 I-GIS has been a stable supplier of software solutions for the national Danish groundwater mapping campaign and is currently being applied by the USGS, Swedish Geological Survey (SGU), and Nebraska Geological Survey (NGS) as their main solutions for HCM modeling. Furthermore, three GSAs; Butte County, Indian Wells Water District and San Luis Obispo respectively, are implementing the GeoSuite as part of the Stanford Groundwater Architectural Project (GAP).

MoU

In September 2017 the State of California and Denmark signed a memorandum of understanding (MoU) on water to promote increasing knowledge sharing and collaboration on areas of mutual interest.

I-GIS is a member of the Danish Water Technology Alliance (WTA) which is a strategic collaboration that involves Denmark sharing knowledge with the US – knowledge gained through decades of experience within the areas of water and wastewater treatment technology, energy management, torrential rainstorm operations and related issues.

GeoSuite, the product

GeoSuite is a web based georeferenced relational data management system (DMS) developed especially for California, to facilitate hydrogeological conceptual modeling, GSP construction, and other DMS data management needs. The DMS frames capabilities required by the SGMA. This includes the ability to create, host, share, interpret, report, and much more. The GeoSuite is carefully developed and designed to ensure a streamlined work process and to give the user a full specter of tools required for any GSP. GeoSuite is based on 20 years of sustainable groundwater management in Denmark and has been carefully re-designed according to requirements in the California SGMA making it ready to implement by any GSA or County

GeoScene3D, the product

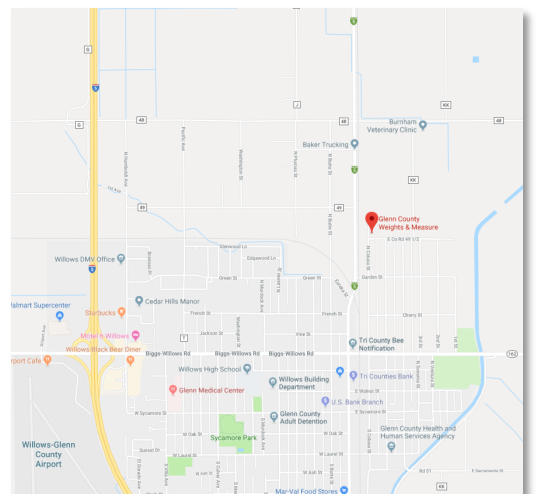
GeoScene3D is a 3D geological modelling package for visualizing geoscience data and building geological models for distribution to specialists and stakeholders. The software is designed for geoscientists in both public and private organizations, working on engineering geology, groundwater, soil contamination or other tasks that involve compilation, interpretation or visualization of spatial data. GeoScene3D simplifies integration of a wide range of geoscience data. Common applications often include water well descriptions, geophysical profile data, chemistry results, terrain surface models, imagery, and buried geological-surface grids. Tools are available for manual or semi-automated interpretation and correlation of point data, for the generation of geological-surface grids through advance interpolation techniques, and for export of surface grids for further processing in other software (e.g., FEFLOW, MODFLOW). GeoScene3D also allows geological models to be easily built using both community- and user-defined workflows.

Directions

Glenn County Department of Agriculture

Glenn County Weights & Measure

720 N Colusa St, Willows, CA 95988, USA



Long Term Funding Activities

March 11, 2019

- Meetings
 - Conference call on February 26 with V. Kincaid, L. Sloan, M. Fahey at the request of the CGA regarding process clarifications
 - Long term funding check in meeting on February 27 with the Funding Ad Hoc Committee, V. Kincaid, Provost & Pritchard team
 - Funding Ad Hoc Committee met March 4
 - Funding Ad Hoc Committee meeting scheduled for March 13
- Parcel boundaries/GIS
 - Received GIS files, ownership information
 - Parcels within the City of Orland and City of Willows will be excluded from the funding process.
 - County representatives will provide concurrence on City boundaries
 - Parcels on the boundary will be flagged to determine acreage within the GGA prior to protest hearing
 - Incorporating basin boundary modifications (along the Sacramento River)
- Public Information Workshop
 - Scheduled for March 21 at 6:00 pm at the Glenn Success Square Conference Center, Orland
 - Target audience- parcel owners that may be charged a fee
 - **Board member involvement needed- please plan to attend**
 - Developing agenda/topics/speakers (see below)
- Informational Public Workshop Mailer
 - Reviewed, revised, and finalized
 - Printed and mailed March 8
 - Parcel owners within the GGA boundary, excluding parcels within the City of Orland and City of Willows
 - Mailing also serves as a test run for Protest Hearing mailing
- Workshop presentation, agenda, speakers
 - John Viegas welcome and introduction
 - Dave Ceppos lead presentation
 - Questions and answers after the presentation
 - Q&A by comment card for efficiency, if time allows, additional verbal Q&A/open discussion after
 - Directors are needed to help pass out, collect, and help formulate/transcribe questions as needed
 - Provost & Pritchard team developing draft presentation for Funding Ad Hoc Committee review and input

- Budget (5 year projected)
 - Provost & Pritchard provided a template
 - Funding Ad Hoc Committee working on a draft
 - Using the GSP development schedule/budget in the grant application for guidance
 - This will be used to develop draft fees to present at the public information workshop
- Policy Clarification from February 11, 2019 meeting
 - See except of policy discussion regarding Potential GGA Billing and provide guidance as needed:

If the 218 process succeeds, the GGA will have the authority to send out bills directly to landowners in its service area. This may be required for parcels that are not included in the County tax rolls. The County also noted that exempt parcels, or those owned by government agencies, typically do not appear on the roll that is received from the Assessor's Office, and therefore, Finance Department is not able to generate a tax bill for those parcels. If the Authority wishes to collect fees from these parcels, it would need to bill those parcels separately.

Additionally, the Board should consider direct billing options if proposed fee is not included in this year's tax roll.
- Other outreach opportunities
 - Press Release- Dave Ceppos to help develop
 - Open house
 - Community meetings
 - County Fair booth
 - Other ideas

Public Workshop

Sustainable Groundwater Management Act and Proposed Funding

Hosted by the Glenn Groundwater Authority

YOUR Local Groundwater Management Agency

March 21, 2019 at 6:00 pm, Glenn Success Square Conference Center, 131 E. Walker St., Orland, CA 95963

Workshop topics include:

Sustainable Groundwater Management Act (SGMA)

- ✓ SGMA Requirements
- ✓ Deadlines and Milestones
- ✓ Local control vs. State Intervention
- ✓ Groundwater Basins/Subbasins
- ✓ Groundwater Sustainability Agencies
- ✓ Groundwater Sustainability Plan development and implementation

The Glenn Groundwater Authority (GGA)

- ✓ Agency responsible for SGMA planning and implementation in Glenn County portion of the Colusa subbasin
- ✓ Board of Directors with membership from local cities, irrigation districts and the County
- ✓ Coordinates with the Colusa Groundwater Authority and neighboring agencies
- ✓ Long-term funding

Glenn Groundwater Authority
PO Box 351
Willows, CA 95988

Process Required for GGA Operations Fee or Charge:



Your Input is Needed:

SGMA is a complex new state law requiring management of groundwater. This workshop is an opportunity to learn about SGMA, the funding process and proposed assessment. **Questions and input are encouraged.** If you are unable to attend and want to be notified of other opportunities to provide input, please contact Mallory Serrao (mserrao@ppeng.com; 916-918-2002).

For more information regarding GGA: www.countyofglenn.net/dept/agriculture/water-resources/glenn-groundwater-authority

Additional SGMA information available at:

- ✓ Department of Water Resources: <https://water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management>
- ✓ State Water Resources Control Board: https://www.waterboards.ca.gov/water_issues/programs/gmp/sgma.html

GGA Prop 218 – Majority Protest Tentative Schedule

Completed By	Scope of Work
January 31, 2019 Complete	<ul style="list-style-type: none"> Execute contract Project kickoff meeting
February 28, 2019	<ul style="list-style-type: none"> Gather initial data and review, develop mailing list Prepare for initial public information meeting Finalize information meeting mailer
By March 6, 2019	<ul style="list-style-type: none"> Mail notices for information meeting
March 15, 2019	<ul style="list-style-type: none"> Draft GGA budget Develop assessment structure and preliminary rates, key findings and figures for Fee Study
By March 22, 2019	<ul style="list-style-type: none"> Conduct information meeting
April 1, 2019	<ul style="list-style-type: none"> Review fee study findings with GSA Make findings public at a GSA Board meeting
April 15, 2019	<ul style="list-style-type: none"> Finalize GGA budget
May 1, 2019	<ul style="list-style-type: none"> Finalize assessment roll Complete Fee Study Prepare protest packages
By May 15, 2019 May 20 is 45 days	<ul style="list-style-type: none"> Mail protest packages Prepare for official public hearing
July 5, 2019	<ul style="list-style-type: none"> Conduct official public hearing
August 9, 2019	<ul style="list-style-type: none"> Certify protest results Provide final packet to County Finance Dept
Sept/Oct 2019	<ul style="list-style-type: none"> Tax bills sent out