Agenda Item: 7 Meeting Date: February 27, 2025 Page 1

AGU Conference

American Geophysical Union
December 9 -13, 2024 Washington DC



A CALIFORNIA STATE AGENCY

Agenda Item: 7 Meeting Date: February 27, 2025 Page 2

Themes and Highlights from AGU



Session GC32C: Collaboratories for Equitable and Resilient Futures

Session B21B,B22C,B23D: Coastal Wetland Carbon



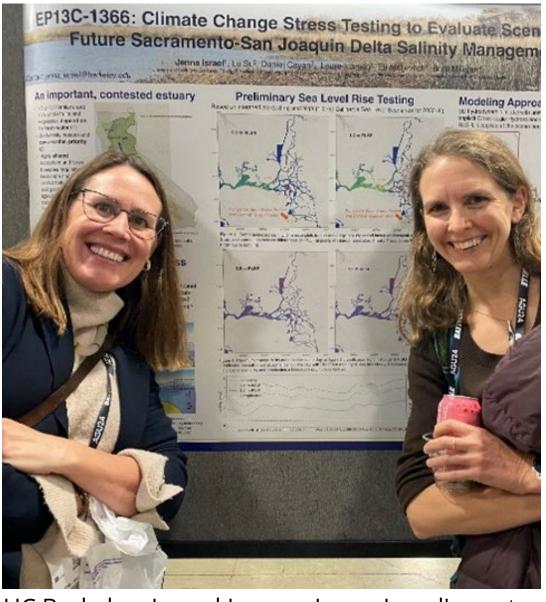
Union Town Hall: U.S. Greenhouse Gas Center https://earth.gov/ghgcenter

Agenda Item: 7 Meeting Date: February 27, 2025 Page 3

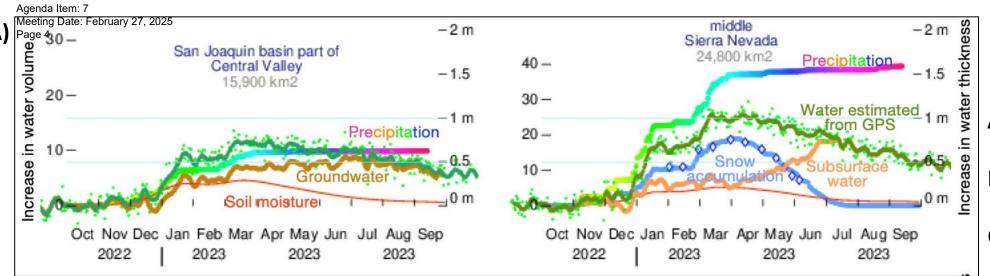
Familiar Faces



USGS CAWSC: Michelle Stern, Diana Zamora-Reyes

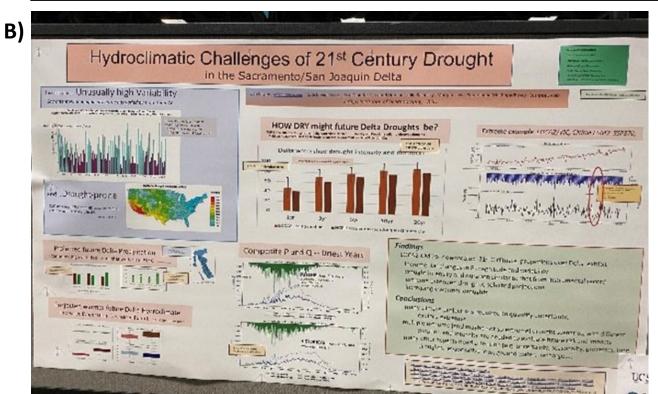


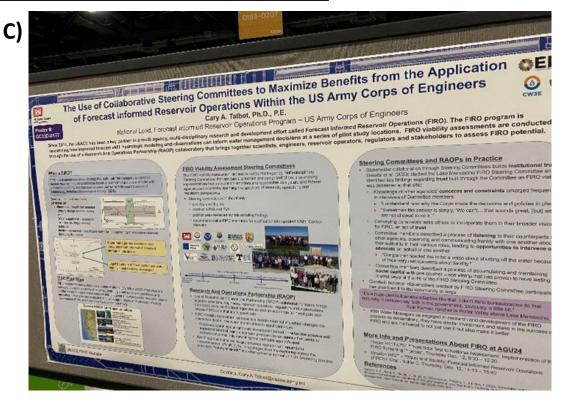
UC Berkeley: Laurel Larsen, Jenna Israel's poster

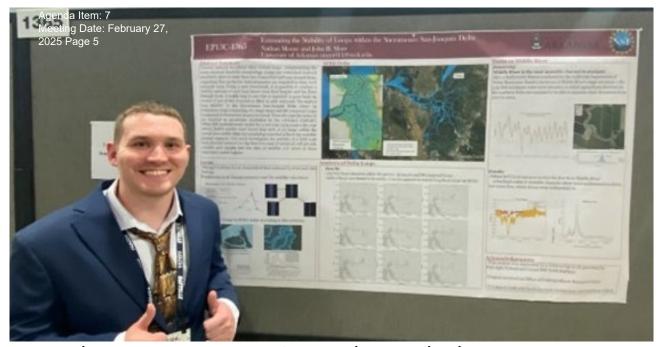


Atmospheric Rivers: The Big Soak 2023

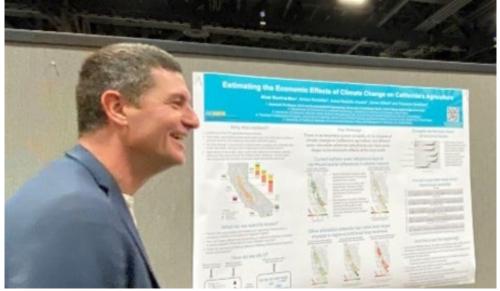
- A) Monitoring
- D. Argus, NASA JPL
- **B) Predicting**
- D. Cayan, Scripps I.
- c) Managing
- C. Talbot, USACE



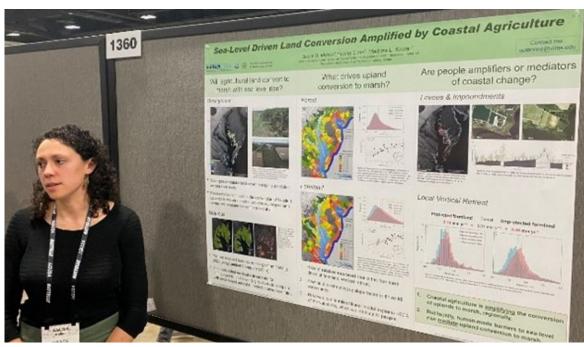




U. Arkansas: Trent Fortier, Delta Hydrology Loops



UCLA: Alvar Escriva-Bou, San Joaquin Valley



VIMS: Grace Molino, Chesapeake Coastal Agriculture

The Delta: Not Invisible Not Alone

Agenda Item: 7 Meeting Date: February 27, 2025 Page 6

Agenda Item: 7 Meeting Date: February 27, 2025 Page 7

Golden Mussels



DELTA STEWARDSHIP COUNCIL

Agenda Item: 7
Meeting Date: February 27, 2025

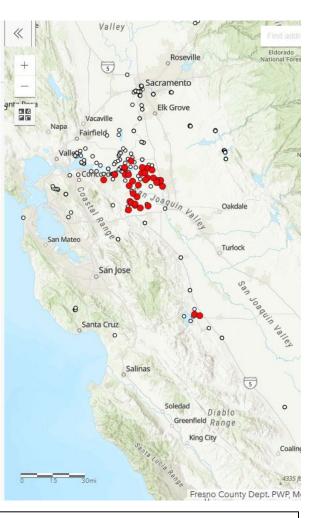
Page 8

Golden Mussels





Golden mussels in pipe at hydroelectric plant in Brazil (Science.org 2021)



CDFW Map:

Red = Golden Mussel detected

White = surveyed, no Golden Mussel detected

- New invader to Delta
- Potential impacts:
 - Impacts to food web via filter feeding
 - Clogging water infrastructure
 - Encrusting watercraft and docks

CDFW has convened Interagency Golden Mussel Task Force:

- Developing Rapid Response Plan
- Emergency regulations passed in December
- No effective control, focused on containment
- Education and outreach



Golden mussel outreach to boaters

For more information:

wildlife.ca.gov/Conservation/Invasives/Species/Golden-Mussel

Thank you

Connect with us



Scan the QR code to subscribe to our email announcements



Deltacouncil.ca.gov



@DeltaCouncil



@deltastewardshipcouncil



Delta Stewardship Council



@deltastewardshipcouncil