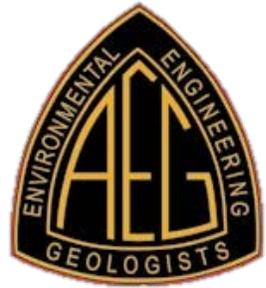


February 2018



## Joint GRA/AEG Meeting Announcement

AEG Sacramento Section



### 2018 DAVID KEITH TODD DISTINGUISHED LECTURER Tuesday, February 13, 2018



**Speaker:** Jeffrey Mount, Ph.D.

Senior Fellow - Public Policy Institute of California Water Policy Center  
Professor Emeritus - Department of Earth and Planetary Sciences at  
University of California Davis

**Topic:** “The Consequences of Groundwater Sustainability in California”

**Location:** California State University Sacramento – Alumni Center  
6000 J Street, Sacramento, CA 95819 [Link to map](#)

**Parking:** A parking pass is required 24/7. A pass can be purchased for \$6 at the multiple kiosk machines in the parking lot. Parking may also be purchased using the PayByPhone app (CSUS parking code = 5115).

**Meeting Sponsors:**



**Buffet Dinner:** Taco bar with beef & chicken options, rice, beans & tortillas. A no-host beer and wine bar will be available.

**Agenda:**

5:30–6:30pm – Social hour

6:30–7:30pm – Announcements & Dinner

7:30–8:30pm – Speaker

GRA is unable to assure food and room for you without an RSVP. Please register early!

**Meeting Cost:**

Early-Bird Members: \$35 (ends 2/6/18)

Early-Bird Non-Members: \$40 (ends 2/6/18)

Early-Bird Students: \$5 (ends 2/6/18)

\$3 surcharge added to the cost for registrations after noon on Tuesday, February 6<sup>th</sup> or walk-ins.

RSVP at <https://www.grac.org/events/170/>  
or email: [rodneyafricke@gmail.com](mailto:rodneyafricke@gmail.com)

# **“The Consequences of Groundwater Sustainability in California”**

**Tuesday, February 13, 2018 (2018 David Keith Todd Distinguished Lecturer)**  
**presented by: Jeffrey Mount, Ph.D.**

In 2014 California enacted the Sustainable Groundwater Management Act (SGMA) to address impacts associated groundwater pumping. This act mandates that areas that depend upon groundwater achieve sustainability by 2040. To meet the requirements of this act there will need to be a net reduction in groundwater overdraft of more than 2 million acre-feet per year. The social, economic and environmental consequences—intended or otherwise—of this change in water policy are vast. Opportunities to augment supplies are limited, although new storage, conveyance and groundwater recharge will help. In areas connected to the state’s water supply systems—particularly the federal Central Valley Project and the State Water Project—there will be increased pressure to transfer water. This will impact on-going efforts to address water supply reliability and ecosystem issues in the Sacramento-San Joaquin Delta. However, sustainability will be achieved principally through reductions in demand. In the San Joaquin Valley—the region accounting for most overdraft—this will involve permanent or temporary fallowing of hundreds of thousands of acres of farmland, with consequences for the farm economy in the valley and rural communities dependent upon farm labor. There will also be wide ranging environmental consequences. How land is fallowed, including the quality of soils, will affect air quality, water quality and terrestrial habitat. Demand reduction will also increase conflicts over the use of surface water to support aquatic habitat and wetlands as well as groundwater-dependent ecosystems. California needs to take a comprehensive look at what it is going to take to achieve groundwater sustainability and develop pathways that minimize or mitigate unwanted effects.

## **About our Speaker:**

**Dr. Jeffrey Mount** is a Senior Fellow with the Public Policy Institute of California Water Policy Center. He is the Founding Director of the UC Davis Center for Watershed Sciences and Professor Emeritus in the Department of Earth and Planetary Sciences. While at UC Davis he held the Roy Shlemon Chair in Applied Geosciences and UC President’s Chair in Undergraduate Education. During his long career Dr. Mount has published widely on the science and management of rivers, including his award-winning book, *California Rivers and Streams* (UC Press). He is co-author of the recent synthesis *Managing California’s Water: From Conflict to Reconciliation* (Public Policy Institute of California). His work at the Public Policy Institute of California focuses on bringing together multidisciplinary teams of researchers to develop novel solutions to water problems, particularly in California.

## **About Enviro-Tech:**

Enviro-Tech Services Company just surpassed its 30<sup>th</sup> year in business. Enviro Tech is a certified small business enterprise. We have the distinction of being one of the first “Full Service” supply companies for purchasing and renting environmental equipment. We are a streamlined operation with experienced staff that is qualified to provide an exceptional level of service. The company is structured with the understanding to swiftly respond to the needs of the working field professional. We feature same day deliveries, staff with years of industry experience, and analytical services from Silver State Analytical.

## **About Silver State Analytical Laboratories:**

Silver State Analytical Laboratories, Inc. is a full-service analytical and microbiological testing laboratory dedicated to providing you with unsurpassed customer service while assisting you with real world solutions. We encourage our clients to see Silver State as an extension of their own staff. While we support you, we are eminently dedicated to your organizational mission. We promise to do everything possible to meet your service needs in a high quality, timely, and cost-effective manner. Our customers choose to let Silver State Analytical do what we do best in analytical testing, microbiology, environmental testing consulting, field services, and environmental / scientific supply so that our clients are free to do what they do best. Together we are your partners for success.