

**SAVE THE DATE FOR THIS  
FREE BRIEFING**

# ***Land Subsidence in the San Joaquin Valley***

**WEDNESDAY, AUGUST 16, 2017**

**Alice Peters Auditorium (PB 191)  
University Business Center  
CSU Fresno • Fresno, CA**

Sponsored by



**WATER EDUCATION  
FOUNDATION**

*In cooperation with Center for Irrigation Technology*

***Land subsidence caused by groundwater pumping has been a problem for decades in the San Joaquin Valley, but an increased reliance on aquifers during the last decade has resulted in subsidence rates in excess of a foot per year in some parts of the region.***

***In a report released in February 2017, NASA satellite-based and aircraft-based radar mapping prepared for the Department of Water Resources shows how this subsidence is putting state and federal aqueducts and flood control structures at risk of damage. Over time, long-term subsidence has destroyed thousands of public and private groundwater well casings in the San Joaquin Valley.***

***Check-in/registration begins at 8:30 a.m. Complimentary coffee will be served.  
The program runs from 9:00 a.m. to 3:30 p.m. with a lunch break. Lunch is on your own.***

This **special FREE briefing** will highlight the array of technologies available for subsidence measurement and monitoring, including information and technical support being provided by DWR. Going forward, groundwater sustainability agencies must address managing subsidence in their management plans pursuant to the Sustainable Groundwater Management Act. The briefing will be held at the Alice Peters Auditorium (PB 191) in the University Business Center at Fresno State.

***Topics to be discussed include:***

- Update on valley groundwater conditions
- Update on SGMA program activities
- Techniques for monitoring land subsidence, including radar remote sensing, extensometers, and GPS data
- Gaps in subsidence monitoring today
- DWR technical assistance and resources for SGMA compliance

This event is for anyone interested in understanding land subsidence in the San Joaquin Valley, including local water district managers and board members, elected officials, city and county government officials, farmers, state and federal agency officials, environmentalists, attorneys, consultants, engineers, business executives, legislative aides, members of the media and the general public.

**Register at:**

<http://www.watereducation.org/foundation-event/land-subsidence-san-joaquin-valley>