



**UC CENTER**  
SACRAMENTO



## “Innovative Technologies to Expand California’s Water Supply”

August 1<sup>st</sup>, 2018 (Wednesday)

In collaboration with Lawrence Berkeley National Laboratory

As droughts intensify and snowpacks diminish, California will need creative solutions to provide enhanced water supplies for urban use and agriculture. This presentation will focus on emerging big ideas to expand California's water supplies, from groundwater recharge, to low-cost desalination and energy efficient purification. This luncheon discussion will feature short presentations from three scientists.

**Moderator: Peter Fiske** is the Director of the Water-Energy Resilience Research Institute (WERRI) at Berkeley Lab. WERRI conducts basic and applied research across a range of critical water-energy topics. He received his PhD from Stanford University and an MBA from the Haas School of Business at UC Berkeley.

**Chinmayee Subban** is a Research Scientist at Berkeley Lab. She works directly with growers from Central Valley and Coastal California to determine optimum water treatment strategies that supply safe water at an affordable price. Chinmayee is interested in developing materials-based technologies to improve water quality. She received her PhD in Chemistry from Cornell University.

**Peter Nico** leads the Resilient Energy, Water and Infrastructure Program Domain in the Earth and Environmental Sciences Area of Berkeley Lab. His research addresses questions related to groundwater resources and quality and new groundwater management strategies. He received his PhD in Agricultural and Environmental Chemistry from UC Davis.

**Dan Miller** is a Staff Scientist in the Chemical Sciences Division at Berkeley Lab. His research interest is in understanding the properties of water purification membranes governing their ability to efficiently separate water from salt, organics, and other contaminants. Dan received his PhD in Chemical Engineering from the University of Texas at Austin, where he developed techniques to reduce pore clogging and improve the operational efficiency of water purification membranes.

Wednesday  
August 1<sup>st</sup>, 2018  
12:00-1:00pm

UC Center Sacramento  
1130 K Street Room LL2  
Sacramento, CA 95814

*For questions contact Brooke Miller-Jacobs at (916) 445-5161 or [bmmillerjacobs@ucdavis.edu](mailto:bmmillerjacobs@ucdavis.edu)*

Register by July 30<sup>th</sup> at:  
[uacs.ucdavis.edu/events](https://uacs.ucdavis.edu/events)