



All are welcome

Saturday, June 10, 2017

USDA Laboratory
800 Buchanan Street
Albany, CA 94710

Time

10:30 a.m.-11:00 a.m.
Snacks and coffee

11:00 a.m.
Discussion and lunch

Registration

Please register (including lunch or for talk only) by email to office@calacs.org or by phone 510.351.9922. If mailing a check in advance, please make payable to: "California Section ACS" and send to Cal Section Office, 2950 Merced Street #225, San Leandro, CA 94577, postmarked no later than June 5, 2017.

Cost

Technical discussion is free
\$15 lunch (\$7 for students and the unemployed)



Science to Inform and Advance Environmental Protections

About the Speaker



Dr. Rebecca Sutton, Ph.D.
Senior Scientist,
San Francisco Estuary Institute

Dr. Rebecca Sutton joined SFEI-ASC in 2013 as a senior scientist for the Regional Monitoring Program for Water Quality in San Francisco (Bay RMP). Dr. Sutton leads the RMP's Emerging Contaminants Workgroup and a team of scientists investigating contaminants of emerging concern and microplastic in the San Francisco Bay and other regions of California. She also manages SFEI-ASC's Green Chemistry focus area, providing information to inform policies designed to prevent pollution through reduced use of toxic chemicals. Dr. Sutton has been appointed to California's Green Ribbon Science Panel to aid in the implementation of the state's Safer Consumer Products Regulations.

Dr. Sutton received her BS in environmental resource science from the University of California, Davis and her PhD in environmental chemistry from the University of California, Berkeley. Her dissertation

explored molecular-scale interactions affecting contaminant fate and transport as well as soil carbon storage to mitigate climate change. Before joining SFEI-ASC, Dr. Sutton was a senior scientist with research and advocacy nonprofit Environmental Working Group, where she conducted research on chemicals of concern in air, water, soil, consumer goods and people.

Abstract

Policymakers need solid scientific evidence to make informed decisions that protect people and wildlife from harmful chemicals. Data are particularly lacking for contaminants of emerging concern (CECs), chemicals that are not regulated or monitored and that have the potential to enter the environment and cause human or ecological adverse impacts.

A global leader in this field, the Regional Monitoring Program for Water Quality in San Francisco Bay (RMP) seeks to identify emerging contaminants before they rise to levels that cause harm to the Bay. Assessing the risks that emerging contaminants pose to wildlife and surrounding communities requires information about the levels of these chemicals in the Bay, how they move and persist, and how toxic they are. The RMP's decade-long effort to identify CECs has produced a high-quality body of knowledge on Bay contamination, making this one of the most thoroughly monitored aquatic ecosystems in the world. This information has allowed policymakers to develop sophisticated approaches to solving emerging water quality issues.

Dr. Sutton will present recent examples of monitoring studies that inform policy, including research on flame retardants, pesticides and microplastic.

Directions

From I-80 W:

Take the Albany Exit, and make a left turn onto Cleveland Avenue at the stop sign. Parallel the railroad tracks, and stay on that road until the end, when you must turn left and drive past a USDA gate (on your right). You will reach a signal stop at Pierce and Buchanan; prepare to stop. Stay in the right lane because you will make a right turn very soon into the USDA Driveway, where you will be met by a USDA representative for entrance to parking.

From I-80 E:

Take the Albany Exit, and exit toward the right at the top of the off-ramp. You will now be on Buchanan Street. Drive toward the signal stop at Pierce and Buchanan; prepare to stop. Stay in the right lane because you will make a right turn very soon into the USDA Driveway, where you will be met by a USDA representative for entrance to parking.

A couple links to driving directions and public transit options can be found on: <https://www.ars.usda.gov/pacific-west-area/albany-ca/wrrc/>