

## Thursday, May 2nd | Short Courses

### Risk Communication

Julie Lincoln and Marcia Rubin, CA Department of Toxic Substances Control  
9:00 a.m. to 4:00 p.m. | Training Room 1 West

### Connecting with Your Audience: Tools for Effective Science Communication

Ben Young Landis, Creative Externalities  
9:00 a.m. to 4:00 p.m. | Training Room 1 East

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*NorCal SETAC is a dynamic community that provides local networking opportunities for students and professionals working in the fields of environmental toxicology and chemistry.*

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28th Annual Meeting of  
the Northern California  
Regional Chapter of the

## Society of Environmental Toxicology And Chemistry



## After the Storm: Identifying Impacts and Making Discoveries

May 2-3, 2019  
California EPA Building  
1001 I Street, Sacramento

@NorCalSETAC  
#NorCalSETAC19  
#AfterTheStorm

Detailed Program:



## Friday, May 3rd | Conference

All events in Cal EPA Byron Sher Auditorium (2nd floor) unless otherwise noted.

**8:00 a.m. Registration Opens and Morning Coffee Service**

**9:00 a.m. Welcoming Address**

**9:15 a.m. Opening Plenary with Meredith Williams PhD**  
Acting Director, CA Dept. of Toxic Substances Control (DTSC)

**9:55 a.m. Opening Plenary with Kelly Moran PhD**  
President, TDC Environmental

**10:35 a.m. Break and Poster Session**

**11:05 a.m. PLATFORM SESSION 1**

Identifying estrogenic compounds with High Resolution LC/MS effects-directed analysis in California sewage sludge. **Gabriella P. Black**, UC Davis.

Rapid, sensitive and selective detection of deadly amatoxins by antibody-based bioanalytical methods. **Candace S. Bever**, ARS-USDA, Albany, CA.

**11:45 a.m. LUNCH BREAK and Student-Mentor Lunch**

**1:15 p.m. PLATFORM SESSION 2**

Quantitative analysis of PFASs in aqueous film forming foam bound to serum albumin protein. **Wenting Li**, W. Li, T. Young, H. Bischel, UC Davis.

Santa Rosa's Experience with Benzene in the Wake of the Tubbs Fire. **Stefan Cajina**, PE, CA State Water Resources Control Board

Toxicology and Risk Assessment at DTSC: making California a better place. **Claudio Sorrentino**, CA Department of Toxic Substances Control

**2:15 p.m. BREAK and Afternoon Coffee Service**

**2:30 p.m. PLATFORM SESSION 3**

A Leach Rate Cap on Copper Antifouling Paints in California: A Regulatory Case Study. **Aniela Burant**, X. Zhang, N. Singhasemanon, Surface Water Protection Program, California Department of Pesticide Regulation, Sacramento, CA

An assessment of woodchip bioreactor performance for pesticide removal from agricultural tile drainage. **Olivia M. Wright**, M.E. Hattaway, T.M. Young, H.N. Bischel, UC Davis.

Development of a data visualization tool for pesticides and water quality. **Lisa Hunt**, American Rivers, Berkeley, CA.

**3:30 p.m. Poster Session**

1. Assessing Food Preparation and Storage as Sources of *Ceriodaphnia dubia* Culture Quality and Chronic Test Variability. **K.N. Prosser** et al, Pacific EcoRisk, Fairfield, CA.

2. Effect of *Ceriodaphnia dubia* Culture Hardness on Laboratory Control Test Performance. **S.L. Clark and A. M. Briden**, Pacific EcoRisk, Fairfield, CA.

3. Effects of Organism Age on *Ceriodaphnia dubia* Acute Sensitivity to Zinc in Lab Water. **S.V. Vasquez** et al. Pacific EcoRisk, Fairfield, CA.

4. Development of a behavioral test for toxicity assessments in Delta Smelt larvae. **P.C. Mundy** et al., UC Davis.

5. Toxicological assessments of Salinas Valley agricultural runoff. **S. Stinson**, et al. UC Davis

6. Passive Sampling of Surface Waters in Northern California using Chemcatcher® for Agricultural and Urban Use Pesticides. **C.J. Sanders** et al., USGS California Water Science Center.

7. Water Quality Monitoring at a Delta Integrator Site. **M. Stillway** et al., UC Davis

8. Pyrethroid concentrations toxic to *Hyalella azteca* in an urban creek diluted to non-toxic levels by municipal wastewater discharge. **C.A. Irvine** et al., Robertson-Bryan, Elk Grove, CA.

9. Evaluating potential acute and chronic effects of pesticide mixtures on invertebrates in streams from five U.S. regions. **L.H. Nowell** et al., USGS National Water Quality Program.

10. Fipronil immunoassay: from conception to broad application. **N. Vasylieva** et al., UC Davis.

11. Challenges in Effective Resource Management and Solutions through Quality Assurance. **R. Pisor** et al., CA Department of Water Resources.

12. Household Pesticide and Heavy Metal Measurement in Knights Landing and Capay Valley, California. **J. Kelty** et al. UC Davis.

13. Risk Assessments at Closed Small Arms Shooting Ranges Need to Consider Lead in Soil and in Lead Bullet and Shot Sources. **J.L. Spearow**, et al., CA DTSC.

14. Applying a cumulative risk framework to drinking water assessment: a California case study. **T. Stoiber** et al., Environmental Working Group, San Francisco, CA.

15. Assessing Lethal & Sublethal Effects of California Wildfire Ash on *Hyalella Azteca*. **Hadeel Bader**, et al., UC Davis

**4:15 p.m. Members Meeting, Student Awards, and Reception**