

SCIENCE & SOLUTIONS for MICROPLASTICS POLLUTION

October 2nd, 2019 • 9 am to 4 pm at the **David Brower Center** • 2150 Allston Way, Berkeley CA
Registration starts at 8 am | Social hour 4 to 6 pm

OPENING

9:00 Welcome and Introduction

Warner Chabot, Executive Director, San Francisco Estuary Institute

9:15 INTRODUCTORY KEYNOTE

Big Picture from the Ocean Protection Council

*Mark Gold, Deputy Resources Secretary for Coast and Oceans
and Executive Director, Ocean Protection Council*

**9:35 Potential impacts of microplastics on marine, freshwater, and terrestrial organisms:
What we know and what we need to know to better assess risk**

GUEST EXPERT • *Susanne Brander, Oregon State University at Corvallis*

SESSION 1 • New Findings from the San Francisco Bay Microplastics Project

9:55 Science Panel: What's the Big Picture on these Tiny Contaminants?

- **Study Objectives** - *Meg Sedlak, SFEI*
- **Microplastics in Bay and Ocean Waters** - *Carolynn Box, 5 Gyres*
- **Microplastics in Sediment and Fish** - *Diana Lin, SFEI*
- **Microplastics in Wastewater and Stormwater** - *Alicia Gilbreath, SFEI*

DISCUSSION • **Moderated by** *Rebecca Sutton, SFEI*
with Technical Expert Xia Zhu, University of Toronto

10:50 BREAK

11:10 From Land to Sea: Models to Trace the Movement of Microplastics in the Bay and Ocean
Rusty Holleman, University of California at Davis

11:25 The Future of Microplastic Science
Chelsea Rochman, University of Toronto

11:45 Next Steps for Science and Monitoring in the San Francisco Bay and California
*Rebecca Sutton, SFEI, and Shelly Moore, Southern California Coastal Water Research
Project (SCCWRP)*

FOCUS ON SOLUTIONS

1:00 Introduction

Airrion Copeland, Executive Director, 5 Gyres

1:05 AFTERNOON KEYNOTE

The Big Picture from CalEPA

Jared Blumenfeld, Secretary for Environmental Protection, CalEPA

SESSION 2 • Bay Area Solutions to Reduce Microplastics Pollution

1:20 Youth Stakeholders and the Importance of our Influence and Diversity

Cambria Bartlett and Damian Montesinos, Heirs to our Oceans

1:25 Data Driven Solutions for Microplastics Pollution in San Francisco Bay

Carolynn Box and Anna Cummins, 5 Gyres

1:45 Policy Panel: Local Actions to Drive Change

- *Miriam Gordon, Upstream*
- *Jen Jackson, Department of the Environment, San Francisco*
- *Martin Bourque, Berkeley Ecology Center*
- *Chris Sommers, EOA*
- *Sherry Lippiatt, National Oceanic Atmospheric Administration*

DISCUSSION • Moderated by Jen Jackson

SESSION 3 • Rising to the Challenge, Microfibers and More

2:45 What does Design Change Look like for Textile Industry?

GUEST EXPERT • *Krystle Moody Wood, Materevolve, LLC.*

3:05 Case Study on Effectiveness of Filtration that Could be Applied in Bay Area

Lisa Erdle, University of Toronto

3:25 BIG Trends in MICROplastics Legislation in California

Nick Lapis, Californians Against Waste

3:45 Highlights from the Plastic Pollution Movement: Bay Area and Beyond

Marcus Eriksen, 5 Gyres

4:00 ADJOURN TO SOCIAL HOUR (Foyer)

SFEI San Francisco Estuary Institute



5GYRES

The San Francisco Bay Microplastics Project is a partnership between the San Francisco Estuary Institute, the 5 Gyres Institute, and the Rochman Lab at the University of Toronto.



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