



# NORTH AMERICAN REGIONAL MEETING

## Microplastics 4-Day Pacing Guide with GLOBE Hydrosphere Protocols

### Science Action Club's Cloud Quest Educator Leadership Training

Location: Lake Merritt Boathouse, 568 Bellevue Ave. Oakland, CA 94610

Date: November 7<sup>th</sup> and 8<sup>th</sup>

Time: November 7<sup>th</sup> – 8:30 am – 4:00 pm  
November 8<sup>th</sup> – 8:30 am – 12:30 pm

Facilitators: Tracy Ostrom – UC Berkeley  
Rachael Van Schoik – Science Action Club, California Academy of Sciences

### Agenda November 7<sup>th</sup>

- 8:30 am – 9:00 am Introductions/Agenda Review
- 9:00 am – 10:00 am Pacing Guide Day 1 – Sink or Swim – Plastics in Our Environment
- 10:00 am – 10:45 am Pacing Guide Day 2 – What are Microplastics?
- 10:45 am – 11:00 am Break
- 11:00 am – 12:30 pm Collect Water Samples and Perform Hydrosphere Protocols: pH, temperature, transparency, N, D.O., Alkalinity, Salinity
- 12:30 pm – 1:15 pm Lunch (Underwater ROV Demonstration or Red Tide Guest Speaker)
- 1:15 pm – 3:00 pm Pacing Guide Day 3 Microplastics Lab and Break
- 3:00 pm – 4:00 pm Pacing Guide Day 4 – Putting it all together: Nature Notes or Learning Poster

### Agenda November 8<sup>th</sup>

- 8:30 am – 9:30 am Welcome, Icebreaker, Science Action Club's online training Wows & Wonders
- 9:30 am - 10:30 am Cloud Quest activity preparation & demos
- 10:30 am – 10:45 am Break
- 10:45 am – 11:00 am The STEM Teaching Toolbox for facilitation
- 11:00 am – 12:00 pm Citizen Science practice with GLOBE Clouds Protocol using SAC's Sky Survey
- 12:00 pm – 12:30 pm Reflection and closing

