

NAC SETAC 27th Annual Meeting



Virtual Short Course

April 5 and May 11, 2021

Two Part Short Course on Microplastics

Part 1: Monday April 5th 10 a.m. – 12 p.m.

Part 2: May 11th 10 a.m. – 11:30 a.m.

PART 1, Monday, April 5: Introduction, Case Studies (J. Urban-Rich)

10 – 10:30	Introduction to Microplastics
10:30 – 11	Hands on Demonstration
11 – 12:00	Sampling Methods and Ecotoxicology



Dr. Juanita Urban-Rich

Associate Professor of Zooplankton Ecology, School for the Environment
Graduate Program Director for Environmental Sciences and Marine Science & Technology, University of Massachusetts, Boston

PART 2, Tuesday, May 11: Microplastics & Marine Shellfish (J.E. Ward & S. Shumway)



Dr. J. Evan Ward

Professor and
Department Head of
Marine Sciences,
University of Connecticut



Dr. Sandra Shumway

Research Professor of
Marine Sciences,
University of Connecticut

Course Description

Plastic in the environment is not a new issue, but the field of evaluating the effects of microplastics on the environment and in our food chain have grown substantially in recent years. This course aims to provide attendees with an understanding of the scientific background, environmental impact, and state of the science of microplastics along with a discussion of next steps in the field, regionally and globally. The course is designed for both the academic researcher currently working in the field and those who are looking to better understand the issue.

This course will be provided in two separate sessions. Part 1 will include an interactive component with an option of performing the demonstration alongside the speaker using a kit shipped to participants.