



THE 5 GYRES INSTITUTE AND NYSMEA PRESENT:

OCEANS OF PLASTIC: FROM SCIENCE TO SOLUTIONS

Webinar on plastic pollution and solutions for middle through high school classrooms

FEATURING

Dr. Marcus Eriksen, Dr. Chelsea Rochman, and Dr. Sam Mason
May 29th, 10:30 am PST/1:30 pm EST

How much plastic pollution is in the world's oceans and lakes? How does plastic pollution affect marine ecosystems and human health? And most importantly, what can we do about it?

WHEN

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HOW DO I PARTICIPATE?

Each classroom receives one login "seat". The best way to participate is through a SmartBoard or computer and projector with speakers. On the board, your students will be able to see the scientists and their slide presentations, and hear them through the speakers. You will be able to enter your students' questions for the scientists via a moderated chat function.

REGISTER

Oceans of Plastic <http://bit.ly/1kTpts7>

Registration is free - but please RSVP as space is limited to 50 classrooms



DR. CHELSEA ROCHMAN

Chelsea Rochman is a postdoctoral researcher in the Aquatic Health Program at UC Davis. She researches the sources and sinks of plastic debris into aquatic habitats and the effects of this material on wildlife. Specifically, she is interested in the cocktail of contaminants that are associated with plastic debris and how it may be toxic to animals upon ingestion. She hopes to continue doing research on this topic in parallel to educating others about this pressing environmental issue in order to mitigate the contamination and pollution.



DR. MARCUS ERIKSEN

Marcus Eriksen is the Director of Research and co-founder of the 5 Gyres Institute. He received his Ph.D. in Science Education from University of Southern California in 2003, months before embarking on a 2000-mile, 5-month journey down the Mississippi River on a homemade raft. His experience on the river led to a career studying the ecological impacts of plastic marine pollution, which has included expeditions sailing 50,000 miles through all 5 subtropical gyres to discover new garbage patches of plastic pollution in the Southern Hemisphere.



DR. SHERRI "SAM" MASON

Sherri "Sam" Mason graduated cum laude from the University of Texas at Austin before completing her doctorate in Chemistry at the University of Montana as a NASA Earth System Science scholar. She is currently an Associate Professor in the Department of Chemistry and Biochemistry at SUNY Fredonia. Though her background is in atmospheric chemical kinetics and the impact of combustion emissions on local-to-regional atmospheres, her research group is now poised at the forefront of research on plastic pollution within freshwater ecosystems with a focus on the Great Lakes.