

Microplastics and the Coastal Environment – FTIR, Raman and GC-MS analysis techniques



Attend this free Lunch & Learn Seminar to learn about microplastics

- Hear about the latest research into microplastics in the New England coastal environment and beyond
- Learn how FTIR, Raman and GC-MS are used to characterize microplastics
- Network with experts in the field

Tuesday August 13, 2019

10:30 a.m. – 1:00 p.m.

Woods Hole Oceanographic Institute

LOCATION - Clark 507

*360 Woods Hole Road
WOODS HOLE, MA 02543*

For more information and to register, please contact

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Agenda

10:30 am –10:40 am	Welcome and introduction	
10:40 am – 11:15 am	New Innovations and applications for FTIR and Raman spectroscopy for microplastic identification	Joe Dorsheimer – Thermo Fisher
11:15 am - 12:00 pm	From Microplankton to Megafauna: The application of FTIR to document microplastics in a range of species and their environments A brief look at the use of a FTIR spectrometer with ATR accessory on microplastics obtained from seal scat, zooplankton samples, Great Shearwater stomach contents, and North Atlantic right whale stomach contents.	Christy Hudak, Center for Coastal Studies, Provincetown, MA
12:00 pm - 1:00 pm	Lunch	
12:00 pm - 1:00 pm	Concurrent with Lunch - Analysis of microplastics and plastics using GC/MS	Gareth Dobson – Thermo Fisher
1:00 pm – 1:15 pm	Wrap-up and end of seminar	All

