



1930 Society Field Trips

Announcing field science
experiences available exclusively
to members of **Woods Hole
Oceanographic Institution's
1930 Society.**

As a member of the 1930 Society,
you are invited to take part
in these unique opportunities
to conduct science fieldwork
alongside Institution researchers.

*Detailed invitations with
registration information
will be sent to you six weeks
prior to each gathering.*

JUNE 15, 2012, 2:00-4:00 P.M.

Beach Profiling

Surf Drive Beach, Falmouth

Beaches and dunes are in constant motion, continually changing shape and shifting position in response to winds, waves, tides, relative sea level, and human activities. The most significant changes occur seasonally and following storms. Beach profiling is one way to obtain information about these changes. Guests will join researcher Greg Berman for a hands-on opportunity to compare several methods for obtaining beach profiles, and discuss each method's advantages and disadvantages.

Maximum participants: 25

JULY 17, 2012, 1:00-3:00 P.M.

Seafloor Sampling Laboratory

McLean Lab, Quissett Campus

Woods Hole Oceanographic Institution's Seafloor Sampling Facility contains more than 14,000 archived marine geological samples (cores) that have been carefully recovered from the seabed. These samples tell the story of Earth's history and are used by researchers around the world to better understand past planetary conditions and perhaps someday predict future ones. Senior Research Specialist Jim Broda will discuss a newly-developed sampling system and participants will have an opportunity to see first-hand how samples are analyzed. You'll be amazed at what these samples tell us!

Maximum participants: 25

AUGUST 8, 2012, 1:00-4:30 P.M. *(rain date August 9, 1:00-4:30 p.m.)*

Coring in the Buzzards Bay Mud Patch

Gain exclusive at-sea experience with Ocean and Climate Change Institute Director Bill Curry aboard the Research Vessel *Tioga*. We will deploy a multicore system equipped with a video camera to sample sediments in Buzzards Bay. The samples will be preserved in the Seafloor Sampling Facility for subsequent water analysis of the metal neodymium, a tracer of past water masses in the ocean.

Maximum participants: 23

SEPTEMBER 6, 2012, NOON – 1:30 P.M.

Luncheon with Dr. Susan K. Avery

Join Woods Hole Oceanographic's President and Director Dr. Susan K. Avery for lunch and informal conversation about oceanography and what it teaches us about our world.