

CT SANDY SHORES AND CLIMATE CHANGE WORKSHOP

HAMMONASSET STATE PARK,
MEIGS POINT PAVILION
1288 POST ROAD
MADISON, CT



SEPTEMBER 14, 2024
8:30 AM-2:30 PM

AT A GLANCE:

ACTVITIES/LESSONS FOR MIDDLE AND HIGH SCHOOL

- **Geological Sandy Shore Beach Walk with geologist, Ralph Lewis**
- **Shoreline investigations and field techniques demonstrated**
- **Erosion and Sea level Rise**
- **Climate Change impacts in CT**
- **Learn about the Climate Education Hub**

Materials and resources provided:

- **Project WET: Climate, Water, Resiliency Resource Guide**
- **Field Equipment provided, and more. See Agenda on page 2.**

Registration

Registration required along with \$10.00 fee.

Contact Valerie Cournoyer at cournoyerdv@gmail.com

confirm payment and program details

Dress for field work and the weather! Bring a packed lunch

NGSS STANDARDS WEATHER, CLIMATE, AND CLIMATE CHANGE

HS-ESS2-5

HS-ESS2-2

HS-ESS3-5

OCEAN LITERACY PRINCIPLES

OCEAN LITERACY #2- OCEAN SHAPES THE FEATURES OF THE EARTH

OCEAN LITERACY #3- OCEAN IS A MAJOR INFLUENCE ON WEATHER AND CLIMATE



project WET
WATER EDUCATION TODAY

Agenda and Time Frame

Time	Notes
8:30-9:00 AM	<p>Meet and Greet at the Meigs Point Pavilion, snacks provided Orientation to the day and introductions, coastal topics and field methods. Ice breaker: Water cycle game.</p> <p>Diana Payne LISMT program, CT Sea Grant and EPA LISS (funding agency) Valerie Cournoyer, Deborah Best , Amity High School, Woodbridge, CT</p>
9:00-10:15 AM	<p>“CT Sandy Shores and Climate Change” author Ralph Lewis, Long Island Sound Resource Center/ UCONN. Geology walk. Participants will get a copy of this book! https://seagrant.uconn.edu/2023/08/25/connecticuts-sandy-shores-an-introduction-to-the-geology-ecology-plants-and-animals/</p> <p>(Bio break during transition to Meigs Point presentation room)</p>
10:15-11:00	<p>CT Climate Education Hub, https://ct.subjecttoclimate.org/?\$, Presentation Room at Meigs Point Nature Center. An overview of the education resources on the HUB will be done by Jim Clifford. Observe Nature Center exhibits.</p>
11-noon	<p>Overview of Amity High School’s field study program at Hammonasset. Field testing methods including seine net demo, turbidity testing using a Secchi disk/Secchi tube, sand sieves, hunt for sand/mole crabs, seaweed press and plankton samples. Meigs Point Pavilion and shoreline. Valerie Cournoyer and Deborah Best,</p>
Noon - 12:30pm	<p>Lunch - bring your own lunch and water bottle. Combining Art and Science with Nature Journaling. Meigs Point Pavilion</p>
12:30-2:00pm	<p>Sue Quincy from DEEP/Kellogg Nature Center,Project Wet overview, “Ocean Rising” and other activities from the Climate, Water and Resilience resource, Meigs Point Pavilion.</p>
2:00- 2:30	<p>Climate Change Amagograph optical illusion art display</p> <ul style="list-style-type: none"> ● Long Island Schools Network Application process, OLP, UN Decade, Diana Payne ● NMEA and SENEME Annual Conference Oct 5, 2024, Valerie Cournoyer, SENEME President <p>Wrap up and distribution of field equipment. Evaluation Link will be shared with you electronically - Please submit your feedback.</p>