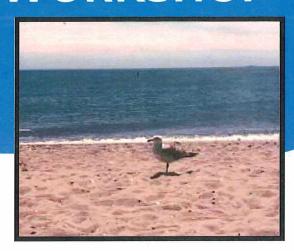
CT SANDY SHORES AND CLIMATE CHANGE WORKSHOP

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

project WET

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

CT Sandy Shores and Climate Change, Long Island Sound Mentor Teacher Professional Development September 14, 2024

Agenda and Time Frame

Time	Notes
8:30-9:00 AM	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.
	Diana Payne LISMT program, CT Sea Grant and EPA LISS (funding agency) Valerie Cournoyer, Deborah Best, Amity High School, Woodbridge, CT
9:00-10:15 AM	"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/ (Bio break during transition to Meigs Point presentation room)
10:15-11:00	CT Climate Education Hub, https://ct.subjecttoclimate.org/?s , 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.
11-noon	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,
Noon - 12:30pm	Lunch - bring your own lunch and water bottle. Combining Art and Science with Nature Journaling. Meigs Point Pavilion
12:30-2:00pm	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.
2:00- 2:30	 Climate Change Amagograph optical illusion art display Long Island Schools Network Application process, OLP, UN Decade, Diana Payne NMEA and SENEME Annual Conference Oct 5, 2024, Valerie Cournoyer, SENEME President Wrap up and distribution of field equipment. Evaluation Link will be shared with you electronically - Please submit your feedback.