



2024 LSFTI – Barnegat Bay and Pine Barrens Program Schedule

Lighthouse Center

All Start Times are 8:30 AM. We will finish each day no later than 4 PM. Please bring your lunch, water, snacks, personal items (any medications you require), sunblock, insect repellent, and dress for the field activities for that day. In general, long light pants, socks, sturdy shoes (water shoes for activities that are in or near the water), boots for the marsh study, a rain jacket, a full change of clothes (just in case), and dry shoes for the drive home are recommended. A backpack, notebook, and sketch pad (if desired) are also important to have.

Directions

For Monday through Wednesday – meet at the **Lighthouse Center**; Entrance on the corner of 7th St. and, Navajo Dr, Waretown, NJ 08758

Website – www.lighthousecenternj.org

Thursday we will meet at **Pinelands Adventures** - 1005 Atsion Rd, Shamong, NJ 08088

Website - www.pinelandsadventures.org

Monday June 24

AM Program Meet and Greet – Introductions and Program Overview

Overview to the Barnegat Bay

Field Studies – investigating ecology and environmental issues

Exploring TDS in the Barnegat Bay – upper marsh to lower marsh

PM Program Plant Species Richness – Marsh to Maritime Forest

Exploring the Biodiversity of Coastal Ecosystems

Pitfall traps and invertebrate composition along a marsh to maritime forest transect

Tuesday June 25

AM Program Collect Pitfall Traps and Quantify invertebrate richness and abundance

Visit to Reclaim the Bay – Bivalve Restoration along the Barnegat Bay

PM Program Seining in the Bay – Inventory of invertebrates and vertebrates in an estuary

Water Quality Studies – assessing the health of rivers in the Barnegat Bay Watershed

Wednesday June 26

AM Program Bird Inventory protocols – Habitat, Climate Change and Birds as indicators

Population Study – Marsh Periwinkles – Primary Consumers in the Estuary

PM Program Forest Ecology and Conservation – Assessing the composition and ecosystem services of a Maritime Forest

Thursday June 27 (meet at Pinelands Adventures)

Canoeing the Batsto River – Biodiversity and Ecology Study of the Pine Barrens