

# CONFRONTING RISING SEAS AND COASTAL EROSION



**TUESDAY, OCTOBER 8TH, 2024, 8AM-4:30PM!**

## SESSION SCHEDULE:

8:00 - 8:45AM	Registration, Exhibits, Continental Breakfast
8:45 - 9:00 AM	Keynote Address <i>Nathan Robbins, Maine Department of Environmental Protection, Augusta, ME</i>
9:00 - 9:15 AM	SOS Saco Bay – A Coastal Update <i>David Plavin, Vice President, SOS Saco Bay, Saco, ME</i>
9:15 - 10:00 AM	A Fireside Chat: Working With Nature- Living Shorelines & Our Future <i>-Jonathan Gawrys, Sumco Eco-Contracting, LLC, Peabody, MA</i> <i>-Robert Anderson, Maine Coastal Protection, LLC, North Yarmouth, ME</i> <i>-Peter M. Hanrahan, CPESC, Hanrahan Environmental, LLC, Topsham, ME</i> <i>-Peter Slovinsky, Maine Department of Agriculture, Conservation &amp; Energy, Augusta ME</i>
10:00 AM	Students Depart for Student Track
10:00 - 10:30 AM	Break and Exhibits
10:30 - 11:00 AM	Private Piers and Public Trust: The Winners & Losers of Sea Level Rise Planning <i>Alison McKellar, Town of Camden, Camden, ME</i>

**AND MORE!! SEE THE BACK FOR MORE ACTIVITIES!**

## LOCATION

**Ferry Beach Retreat & Conference Center- Rowland Hall**  
14 Boardwalk Drive, Saco, Maine  
*Parking Along Boardwalk Drive, 21 Ferry Park Ave, and 96 Seaside Ave*

## REGISTRATION

**\$90.00** General Admission  
**\$75.00** Government/Non-Profit Admission  
**\$25.00** Student Admission

*Registration includes food, refreshments, all breaks and conference materials.*

## STUDENT TRACK

10:00 - 10:30 AM  
**The Living Shoreline Project at UNE and Turning Your College Experience into a Resume Builder**  
*Pam Morgan, Ph. D., University of New England, Biddeford, ME*

10:30 - 11:00 AM  
**Exploring the Multifaceted Dynamics of Phragmites Invasion in Scarborough Marsh through Student-Driven Research**  
*Joseph Staples, Pd. D., University of Southern Maine, Portland, ME*

**REGISTER ONLINE AT: [ferrybeach.org/sos](https://ferrybeach.org/sos)**

# SESSION SCHEDULE CONTINUED...

11:00 - 11:30 AM The Power of Storytelling and Story Listening in Building Sustainable Solutions for Maine's Coast  
*Holly Parker, Pd.D., Bowdoin College, Brunswick, ME*

11:30 - 12:00 PM Organic Growth in Engineering Design Guidance for Nature-based Services  
*Maura Boswell, Ph. D., PE, Geosyntec Consultants, Bedford, NH*

12:00 PM Group #1 Departs for lunch and poster presentations

12:00 - 12:30 PM Under the Surface: Investigating the Toxic Impact of Microplastics  
*Mariel Geiger, Maine Chapter-Surfrider Foundation, Norway, ME*

12:30 PM Group #2 Departs for lunch and poster presentations

1:00 - 1:30 PM Using Nature-Based Solutions in Climate Adaptation  
*Jeremy Bell, The Nature Conservancy, Brunswick, ME*

1:30 PM Students Rejoin Main Track

Rotating Field Stations on the Beach:  
1. Marine Mattress and Marine Gabion Technology  
*Richard Prejs, Maccaferri, Inc., Manasquan, NJ*

1:30 - 2:30 PM 2. Sand, Beach Grass Nurseries & Boardwalks: All Things Dune Related  
*Cathy Stackpole, Ferry Beach Retreat and Conference Center, Saco, ME*

3. Tools and Techniques for Coastal Protection  
*Jonathan Gawrys, Sumco Eco-Contracting, LLC, Peabody, MA*

2:30 - 3:30 PM Round Table Discussions in the Dining Hall

1. Travis Russell, Everett J. Prescott, Inc., Gardiner, ME (Living Shoreline Products)
2. Alison McKellar, Town of Camden, Camden, ME (Community Resilience)
3. Peter M. Hanrahan, CPESC, Hanrahan Environmental, LLC, Topsham, ME (Wave Attenuation)
4. Mariel Geiger, Maine Surfrider Foundation, Norway, ME (The Microplastics Problem)
5. Melanie Nash, SMPDC, Saco, ME (Regional Coastal Resilience)
6. Bethany Woodworth, Ph. D., UNE, Biddeford, ME (Environmental Careers)
7. Kevin Roche & David Plavin, SOS Saco Bay, Saco, ME (Taking Action at the Local Level)
8. Hannah Baranes, Ph. D., Gulf of Maine Research Institute, Portland, ME (Sea Level Rise)
9. Kelsey Johnson, Saco Watershed Collaborative, Biddeford, ME (Watershed Based Conservation)
10. Lori Gramlich, Maine State House of Representatives, Old Orchard Beach, ME (Legislative Issues)

3:30 - 4:00 PM Confronting Climate Change Impacts in the Coastal Environment  
*Peter M. Hanrahan, CPESC, Hanrahan Environmental, LLC, Topsham, ME*

4:00 - 4:30 PM Wrap Up Session/Questions & Answers

4:30 PM Adjourn

**ATTENDEES WHO COMPLETE THE COURSE WILL EARN SIX (6.0) PROFESSIONAL DEVELOPMENT HOURS.**

## STUDENT TRACK CONTINUED...

11:00 - 11:30 AM  
**Salt Marsh Restoration and Invasive Species Control at Wildlife Refuge the Rachel Carson National Wildlife Refuge**  
*Rachel Stearns, Rachel Carson National Wildlife Refuge, Wells, ME*

11:30 - 12:00 PM  
**Carbon Benefits Associated with Tidal Marsh Restoration**  
*Beverly Johnson, Ph. D., Bates College, Lewiston, ME*

12:00 - 12:30 PM  
**Field Exercise: Fly a Drone to Monitor Erosion at Camp Ellis Beach**  
*Will Kochtitzky, Ph. D., University of New England, Biddeford, ME*

12:30 - 1:30 PM  
**Student Lunch Break and poster presentations**

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