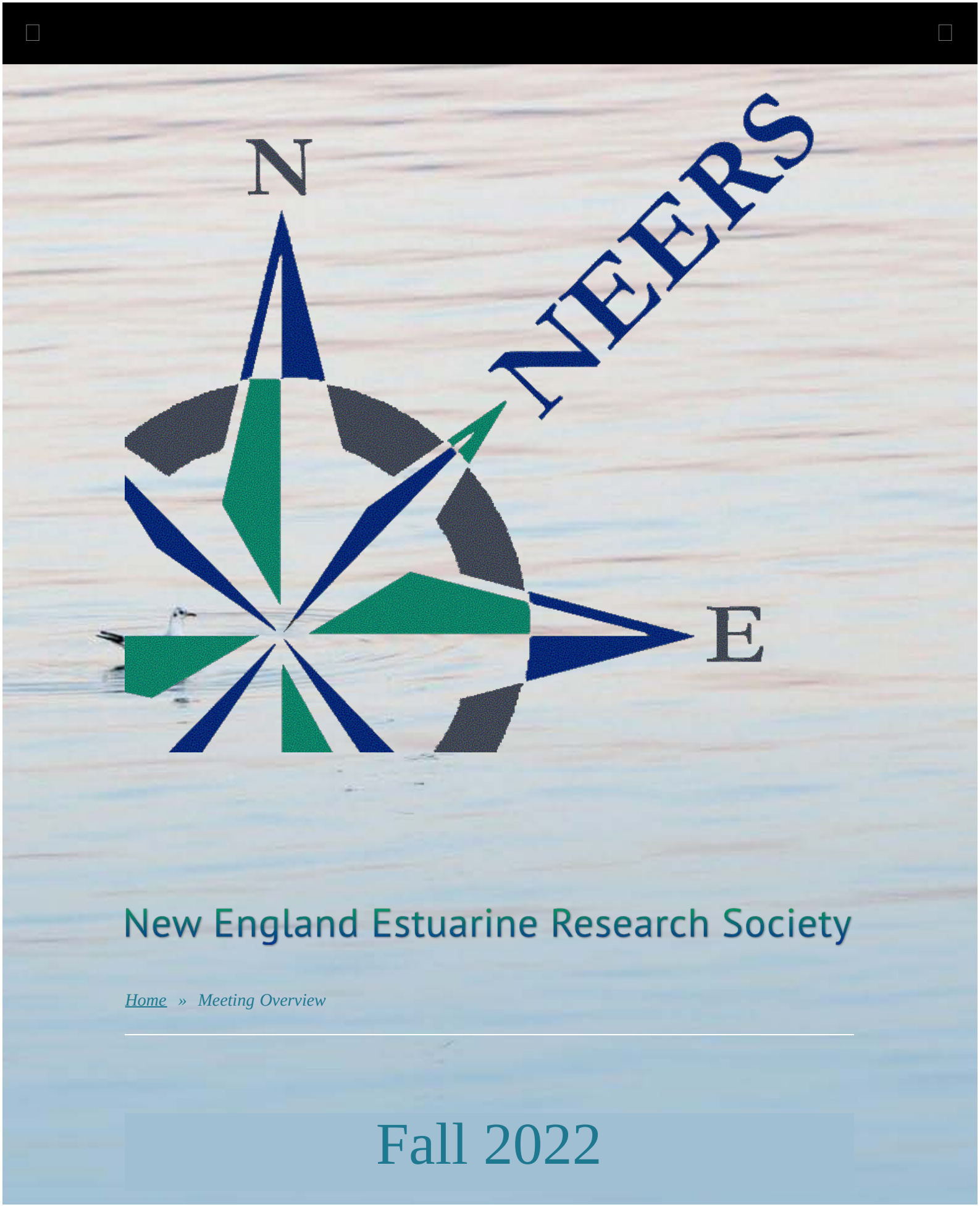

New England Estuarine Research Society

Fall 2022

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November 17-19, 2022

Graduate Providence Hotel

IMPORTANT DATES

September 30 - Abstract Submission Deadline
October 13 - Authors notified of abstract acceptance
October 21 - Deadline to reserve hotel room using NEERS' special rate, *and* Student Travel Award Applications due *(Students: Please pay for registration. If selected for a Travel Award, you will be notified during the meeting and reimbursed).*
October 27 - Early Registration Deadline

Welcome from our Hosts

We are excited to host another in-person meeting back at the site of the CERF 2017, ERF 2007 and ERF 1997 meetings, Providence RI. Providence is a vibrant, walkable

city, with many excellent restaurants and lots of fun things to do (https://www.goprovidence.com/things-to-do/). A river, the "Woonie" (Woonasquatucket), runs through it. Once a symbol of urban blight, and covered by the "world's widest bridge", it is now a major asset to the state, and the home of "Waterfire". We will highlight the Woonie at the meeting, with a special symposium on Urban Estuaries and a field trip. This meeting will be offered in a hybrid format, giving those who cannot attend in person an opportunity to attend virtually, but you wont want to miss out on the chance to network your friends and colleagues, and enjoy all that Providence has to offer!

Local Commitee

- Veronica Berounsky, University of Rhode Island
- Michael Potter, University of Rhode Island
- Riley Secor, University of Rhode Island
- Walter Berry, US EPA (Retired)
- Autumn Oczkowski, USA EPA, Narragansett, RI
- Cathy Wigand, US EPA, Narragansetts, RI

Special Symposium
Urban Estuaries: Social and Natural Histories, Past, Present and Future

Thursday, November 17
12:30 - 5:00 pm

Special Symposium

Silent Auction

Check out all the great items & experiences available through this year's Silent Auction! The funds raised will help offset the cost of future meetings, especially for students and members who may not always have the financial resources available to attend. Click the button below to visit our silent

auction website!

Link to Silent Auction Coming Soon!

COVID Information

NEERS is committed to COVID safety at our meetings, and we will follow all CDC guidelines and meet the requirements of our host for the upcoming meeting.

All in-person participants must be vaccinated. Masks will be optional but recommended. The use of rapid self-tests for all on the first day of the event is strongly encouraged.

Meeting Support

Platinum Supporters

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Gold Supporters

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COASTAL INSTITUTE

Narragansett Bay Research Reserve

Silver Supporters

Sea Grant Rhode Island

Boston Malacological Club Founded 1910

Meeting Details

Special Symposium

Guidelines for Abstracts and Papers

Meeting Awards (Travel, Presentation)

Meals & Social Events

Registration Overview

Field Trips

Program & Abstracts

Final Program

Last Updated: 11/15/22 at 3:00 pm

Abstracts

Printed copies of the program and book of abstracts will be available at the meeting, one per attendee.

Links to Forms

Check out the "Guidelines for Abstracts and Papers" page BEFORE submitting your abstract and preparing your paper!

Abstract submission form and/or registration form are not currently available.

Contacts for Questions

MEETING-RELATED QUESTIONS

Cathy Wigand, USEPA

ABSTRACTS OR OTHER PROGRAM CONCERNS

N. Tay Evans, MassDEP or Autumn Oczkowski, US EPA

REGISTRATION & TRAVEL AWARDS

Tristan Taber, USM

SPECIAL ACCOMMODATIONS & DIETARY RESTRICTIONS

Tristan Taber, USM

WEBSITE

Savannah Judge, Yokogawa Fluid Imaging Technologies or Jamie Vaudrey, UCONN

SEARCH NEERS WEBSITE

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N
NEERS
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New England Estuarine Research Society
NEXT MEETING

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Fall 2022

Providence, Rhode Island

This meeting will be offered in a hybrid format, giving those who cannot attend in person an opportunity to attend virtually.

Meeting Dates: **November 17-19, 2022**

Location: **Graduate Providence Hotel, 11 Dorrrance St, Providence, RI**

Meeting Overview

MISSION STATEMENT

NEERS is a non-profit organization with a wide ranging membership from scientific and educational institutions, federal, state, and municipal agencies, and nonprofit organizations. The purpose of the society is to bring together persons actively engaged in estuarine and coastal research and management for informal discussion and exchange of ideas.

NEERS meets in the spring of every year and in the fall of even years. Meetings

usually begin with a special symposium to focus upon issues of a topical or regional nature. This is followed by 1-1/2 days of regular sessions.

NEERS supports today's students in many ways, recognizing that they are tomorrow's estuarine scientists and managers.

MEMBERSHIP - GET INVOLVED!

Membership Management

- If you are already a member and need a password, please select "Forgot Password" at login.
- If your membership has not been renewed within the last two year, you may need to re-enter your contact information.

New to NEERS?

- Get connected by subscribing to our Google Groups...
- Browse through a few of our conference programs to see what we do...
- Find out more about NEERS today and delve into our history...

Check out our Member Benefits!

Join us now!

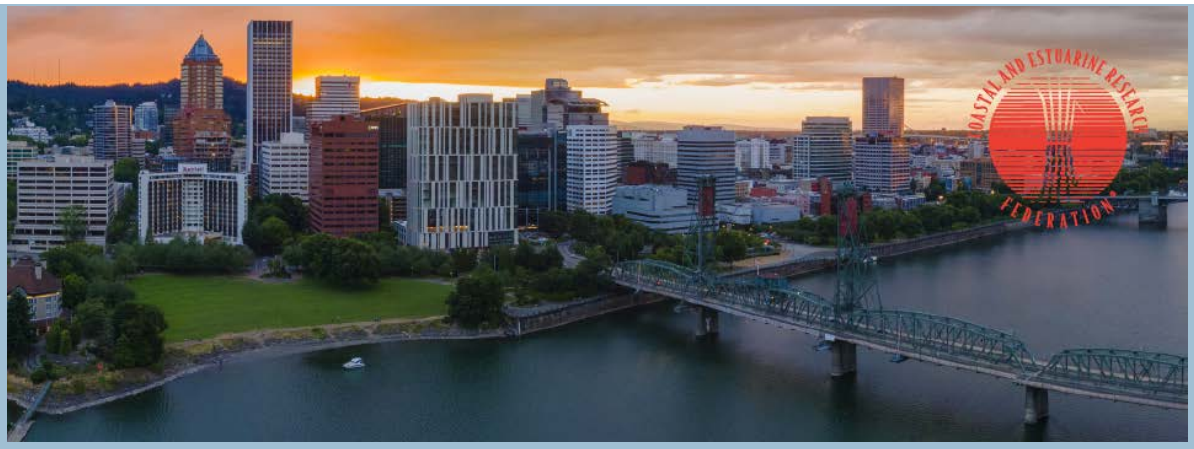
EVENT FORMS

No upcoming events

BLOG POSTS

There are no blog posts to display.

FUTURE MEETINGS



Fall 2023, Nov 12-16

We hope to see you at CERF! CERF 2023 will be held in Portland, OR.

Spring 2023

Location is under consideration. We may head up to Maine/New Hampshire or down to Connecticut/New York. Contact our President if you want to join the Meeting Planning Team.

OUR FEDERATION PARTNERS

COASTAL & ESTUARINE RESEARCH FEDERATION®

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New England Estuarine Research Society

SPECIAL SYMPOSIUM

Thursday, November 17
1:00 - 5:00 PM

Thank you to Onset for sponsoring this Special Symposium:

HOBO® Data Loggers

Urban Estuaries: Social and Natural Histories, Past, Present and Future

Welcome Remarks: Walter Berry

Background & Goals: Urban estuaries throughout history have often been degraded and taken for granted. But nowadays many of them are being cleaned up and recognized as places that provide many benefits to the people around them. Because they are usually surrounded by densely populated areas the actions of the people living on their shores have had a tremendous influence on them. In this special session we hope to explore the social history and science of an urban estuary, and show how it effects the past, present, and future of the people, plants, and animals that live in and around the estuary.

Click Here for Symposium Abstracts & Speaker Bios

Schedule & Speakers:

1:00 to 1:20 | Welcome & Introduction

- Veronica M. Berounsky, Graduate School of Oceanography, URI, Welcome to Providence
- Dean Paula S. Bontempi, Graduate School of Oceanography, URI, Welcome to NEERS
- Walter Berry, US EPA (Retired), Introduction to the Symposium

1:20 to 2:00 | "A History of Appreciating and Celebrating Rivers in Providence"

Barnaby Evans
Artistic Director
Waterfire Providence (Providence, RI)

2:00 to 2:40 | "The Only Constant is Change - Narragansett Bay as an Ecosystem in Flux"

Robinson "Wally" Fulweiler
Professor, Department of Earth & Environment
Boston University (Boston, MA)

2:40 to 3:00 | BREAK

3:00 to 3:40 | "The River as a Nexus for Engagement, Learning, and Resilience"

Alicia Lehrer
Executive Director

Woonasquatucket River Watershed Council (Providence, RI)

3:40 to 4:20 | "Overcoming Barriers to Community-Based Restoration in an Urbanized Coastal Watershed"

Mike Gerel
Executiv Director
Narragansett Bay Estuary Program (Providence, RI)

4:20 to 5:00 - Facilitated Discussion & Conclusing Remarks.

CONTACT FOR MORE INFORMATION

Walter Berry

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New England Estuarine Research Society

CALL FOR ABSTRACTS

Abstract submissions are invited on any subject related to estuaries or coastal environments. Reports of work in progress as well as work in advanced stages and reviews of relevant topics are encouraged.

Abstracts must be submitted online using the Abstract Submission form found on the Events tab at this site. A link to the form is available in this page.

All presenters must be or become a NEERS member. Information on becoming a member is included on the pre-registration form and on the **Membership** page.

LINKS TO FORMS

The abstract submission form and registration form are not available at this time.

See below for (1) how to prepare your abstract, (2) presentation guidelines, (3) poster guidelines.

Presentation Options

Standard Oral - Regale us with an oral presentation of your work. These talks will be limited to 12 minutes with an additional 3 minutes for discussion.

Short Form - This fast-paced presentation style is a chance for speakers to really focus on their main message. Each speaker has 5 minutes with additional time for questions. The format is up to you. Short Form sessions provide an opportunity to share information that might not fit into a standard oral or poster session -- the more concise speaking slots lend themselves to a more conversational and storytelling presentation style.

Poster - Poster presentations are a great way to get up close and personal with your audience. Poster presentations will be displayed throughout the meeting and dedicated time for poster viewing is built into the schedule.

Prizes

Students will compete for the Ketchum and Rankin Prizes for oral presentations or the Dean and Warren Prizes for posters (prize information). Students are automatically entered into the prize competition. Students who have won an award are ineligible to win that award again, though may still compete for a different award.

All poster presenters (students and non-students) will compete for the 3-3 Award, which includes a cash award of $33 (judged by students). The "3-3 Rule" generally states that the main point of the poster can be understood by a viewer from 3 feet away, in 3 minutes. This award was conceived to encourage scientists to convey information more clearly to other scientists and the public. Please see the Poster Guidelines section below for more information. Many thanks to the folks at SEERS for the idea and judging form.

All attendees may compete in the Poster Trivia Contest; the winner's prize is a one-year $20 membership in NEERS. Details will be provided at the poster session. Meeting attendees answer a series of trivia questions based on the poster presentations. A winner is chosen by lottery from complete and correct submissions.

Instructions for Preparing Abstracts

Please select your first, second, and third choice for presentation format. Although we will try very hard to accommodate everyone's first choice, selecting multiple options increases the likelihood of securing a spot in the program.

A confirmation page will be emailed to you upon successful submission of your abstract to the NEERS website. If you do not receive this confirmation email, please resubmit your abstract. Contact the Webmaster with recurring problems. Following the deadline for submitting abstracts, all submissions will be confirmed by the program chair and the lead author will be notified of his/her scheduled time. Contact one of the Program Chairs with questions.

1. Abstracts are to be submitted electronically. If you are having problems with the submission form, contact the Webmaster.
2. All abstracts have a 1050-character limit (about 150 words). The character limit includes spaces, and applies to the body of the abstract only; the authors and title are excluded from the character limit. Web page submissions are constrained automatically to the allotted amount of text, you will be prompted if your abstract exceed 1050 characters. You may determine your character count with your word processing program.
3. Author/Address field. Author names have last names spelled out and initials for first (and middle if appropriate) names. If there are multiple authors, list all authors first followed by all addresses in the Sample Abstract format, and place an asterisk following the last name of the presenter. If authors are from different institutions, use numbers in parentheses to associate individuals with the correct address (no numbers are necessary if all authors are from the same institution). Addresses should include the institution, town, and state -- no streets, no zip codes. Separate addresses with semicolons.
4. The presentation title must be in capital letters.
5. Special characters. Do not use your Word Processing program for special fonts such as underlining, italics, superscripts, or subscripts, as these font codes will not be transmitted correctly via the web form. Rather, use the following codes for special fonts. For example, for the genus Zostera to appear in italics it should be surrounded by the "start italics" and "end italics" codes as follows: Zostera

Codes	Font Type or Symbol
	italics
<u></u>	underline
	superscript
	subscript
&delta	δ

&mu	μ
&alpha	α
&Delta	Δ
&reg	®

Note that these special codes are counted towards the total number of characters in your abstract.

*** SAMPLE ABSTRACT FORMAT***

Cadillac*, M. T.(1) and I. M. A. Hiker (2).

(1) Department of Environmental Sociology and Outdoor Recreation, Coastal College, State-of-Mind, ME; (2) Department of Trail Maintenance, For Est College, Awesomeville, ME.

A SYSTEMATIC SAMPLING OF THE ALLURE OF ACADIA NATIONAL PARK

Acadia National Park boasts many dazzling spectacles, including the pounding surf of Thunder Hole, stunning views of Somes Sound and Frenchman Bay, and the first glimpse of sunrise in the US. Evidence suggests, however, that the park's true charm lies in its quiet beauty. We hiked ten trails from sea level to mountain summit, paddled eight 5-km stretches of island shoreline, and biked along 100 km of carriage roads, recording observations at regular intervals. Results confirm the importance of cumulative, small pleasures to the park's allure, such as sights of cliffs tumbling into the sea, islands emerging from the fog, pristine marshes, 300+ species of birds including breeding peregrine falcons, dense Ruppia and eelgrass beds, and diverse woodlands. We conclude that excursions off the loop road will enhance visitor experiences.

Presentation Guidelines

The conference computer (PC) will use PowerPoint. Please be sure to check your presentation for compatibility with Power Point.

We will load all PowerPoint presentations onto a laptop with the Windows operating system well before each session. Please bring your PowerPoint presentation on a USB thumb drive to the projection desk at the NEERS meeting. We will load your

presentations the evening before your talk. Please make sure your file can be read by another computer before you hand it in. Speakers should not plan to use their own computers for their presentations.

For presentations that include graphics or media other than standard PowerPoint slides (e.g., complicated animations or embedded video clips), authors should plan to review their presentation at the meeting well in advance of their presentation time. Please have a back-up in mind, should the animations or video not work correctly - our "AV techs" are volunteers and will not be able to assist you in troubleshooting.

Poster Guidelines

Presenters are expected to be present during the dedicated poster viewing sessions. Posters may be mounted beginning Thursday evening. All posters will remain on display through Saturday morning.

In designing your poster, keep content simple and provide a clear message in text that is large enough to read from a distance. Further details can be provided in discussions with attendees or via a handout that also includes your contact information. Good resources for preparing posters can be found at: http://www.ncsu.edu/project/posters/

NEERS will have available our foam-core mounting boards, pushpins, and tape to display posters. The maximum poster dimensions are 36" x 48". For those of you who prefer conversational discussion of your work, this may be the most appropriate presentation style. If you have special needs (a power outlet, etc.) contact the meeting organizers listed at the bottom of the Meeting Overview page.

All posters will be eligible for the 3-3 Award, which includes a $33 cash prize (judged by the students). The "3-3 Rule" generally states that the main point of the poster can be understood by a viewer from 3 feet away, in 3 minutes. This award was conceived to encourage scientists to convey their information clearly to the public. The award is not meant to trivialize presentations into just "pretty" formats without serious content. Rather, the award is sincerely intended to urge presentation of data and information in a simple, understandable format – a "story" – without large blocks of text. The intent is for the presenter to think like the viewer – is the story clearly presented with only its essential elements? "Viewer" includes not only fellow scientists in your field – rather, the entire NEERS audience, from physiologist to geologist, and perhaps, ultimately, the general public. Streamlining makes the storyline easy to understand. This understanding facilitates interaction.

(Many thanks to the folks at SEERS who provided the original 3-3 idea and the judging form.) Two additional resources to help get you thinking are provided below...

- Creating Effective Poster Presentations from NC State University
- Designing an Effective Research Poster from UC Merced

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NEERS Student Presentation Awards - Eligibility

NEERS offers presentation prizes based on the quality of the scholarship and presentation at a NEERS meeting (list of awards).

To be eligible for one of the student presentation prizes, a student must:
- be first author on the presentation and be responsible for carrying out most of the work;
- present the oral or poster presentation in person;
- be matriculated in a degree program at the time of the meeting;
- be a NEERS member; and
- not have won the same presentation prize previously.

Prizes will be awarded at the end of the meeting to students chosen by the judging panel in four categories: graduate student oral presentation (Buck Ketchum Prize, $100), undergraduate student oral presentations (Stubby Rankin Prize, $100), graduate student poster presentation (David Dean Prize, $100) and undergraduate student poster presentation (Scott Warren Prize, $100). A history of these prizes is provided on the Awards page.

All eligible students will be automatically entered into the appropriate presentation prize competition.

The Student Award endowment Fund was established to generate income to fund all student prizes and travel awards. Five dollars of every Regular membership goes toward the student endowment fund.

NEERS Student Presentation Awards - Judging Procedures

Papers and posters are judged by a committee in terms of overall effectiveness, scientific content, and quality of the presentation. Students are strongly encouraged to review the scoring criteria in advance.

There is no minimum number of students that must present for an award to be given. A prize is awarded if the judges agree that at least one presentation was outstanding enough quality to warrant special recognition. Each student is rated on specific criteria within broad categories of overall effectiveness, scientific content, and quality of presentation (Student Award Judging Criteria). The same standards are applied to graduate and undergraduate prizes. The student must clearly be the senior contributing author but need not be the sole author of the paper. Volunteers judge oral presentations and posters during the meeting. Members are asked to volunteer to judge when they pre-register for the meeting or when they arrive at the meeting. We try to have 3 judges per presentation and each judge is asked to evaluate no more than 5 presentations. Usually about 5 – 7 people volunteer during pre-registration, and we need about 10-15 judges. Assignments are made by the Local Organizing Committee and distributed before or at the meeting. Judges should not be asked to judge papers that are too close together in the oral session as they need time to fill out the forms between talks. Packages for the judges, with student assignments and evaluation sheets, will be available at the Registration desk.

At the meeting, the judges fill out an evaluation form and then caucus to decide upon the best presentation. The evaluation sheet is only a guide for the judges who make the final decision at the caucus. The evaluation forms will be distributed to the students after the awards are decided.

NEERS Student Travel Awards - Eligibility & Procedures

Three $100 travel-awards will be awarded by NEERS, plus additional awards may have been donated by our sponsors.

Graduate and undergraduate students who are giving presentations at this meeting and are members of NEERS (by the meeting date) may apply. Travel awards may also be offered to non-presenting students if sufficient funds are available; students are welcome to contact the NEERS Treasurer about availability of such support for general student travel. Selection will be made by lottery and will not affect eligibility for student presentation prizes.

To apply for a travel award, send an email with your abstract attached to the NEERS treasurer by the date noted on the meeting information page (see Team NEERS for the email address). Provide your name, address, college or university, email, and telephone number. In addition, please have your faculty advisor send the treasurer an email certifying that you are a student in good standing. Award applicants will be notified of award status by the date noted on the meeting information page.

As always, NEERS greatly appreciates donations to the Bill Niering Student Travel Endowment fund (student endowment contributions can be made when you pre-register).

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New England Estuarine Research Society

MEALS & SOCIAL EVENTS

Socials

Thursday, 5:00 pm (Atrium Balcony)

Welcome Social featuring imported & local cheeses and vegetable crudites as well as a drink ticket that can be used for beer, wine, or soda.

Friday, 5:00 pm (Atrium Balcony)

This cocktail reception will feature imported & local cheese, vegetable crudites and antipasto, as well as a drink ticket.

Event will include:

- Additional poster viewing
- 3x3 contest
- Sea creatures workshop with Eli Nixon (click here for details) at 5:00 pm in the Mayor's

Suite
- URI Coastal Institute Senior Fellow and Theater-maker

Cost to bring a guest is $30 per additional persion per social.

Breaks

Coffee, teas, and either breakfast desserts or afternoon tea desserts.

Lunch

Lunch on Friday: On your own

Lunch on Saturday: We plan to order from a local sandwich shop. If you are interested, please place your order when checking in.

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New England Estuarine Research Society

REGISTRATION OVERVIEW

To register, go to the registration form on the "Events" page. A link is provided at the right.

Registration is open through the last day of the meeting.

*Loyal **NEERS** members: annual dues are collected at the spring meeting and apply to one calendar year (Jan. 1 - Dec. 31). Visit the "Membership" page on our website to become a member. Full membership is $20, student membership is $5.*

***Please note** - You can defer payment by selecting "invoice me." This allows you to bundle your membership fee, registration fee, and any donations into a*

single credit card payment. NEERS appreciates this, as each credit card charge comes with a transaction fee.

LINKS TO FORMS

The abstract submission form and registration form are not currently available.

Registration Fees

Early Registration Rates

Deadline for Early Registration: October 27

	3-Day	Thursday Only	Friday Only	Saturday Only	*Virtual Only*
Regular/Honorary Member	$185	$174	$185	$146	$100
Student Member	$100	$85	$95	$75	$100
Non-Member	$210	$199	$210	$171	$125

Late Registration Rates

	3-Day	Thursday Only	Friday Only	Saturday Only	*Virtual Only*
Regular/Honorary Member	$203	$192	$203	$164	$118
Student Member	$118	$103	$113	$93	$118
Non-Member	$228	$217	$228	$189	$143

Add-Ons

Add-Ons	Cost
Abstract Submission Fee	Always free
Accommodations	*Reservations made separately through hotel*
NEERS Regular Membership	$20
NEERS Student Membership	$5

Field Trips & Workshops	TBD
Box Lunch (Friday & Saturday)	*Lunch will not be provided for Fall 2022*
Social Events	TBD

Included with Registration

- Lunch: No
- Socials: TBD
- Coffee breaks: TBD

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New England Estuarine Research Society

FIELD TRIPS

Option #1: Narragansett Bay Commission (NBC)

Sign up when you check-in at the meeting registration table.

Description: Take a behind the scenes tour of one of the country's best-operated and maintained wastewater treatment facilities, according to the US Environmental Protection Agency. The Field's Point facility, in Providence, is one of the country's oldest and the state's largest wastewater treatment facility.

Host/Leader: Eliza Moore, NBC

Date & Time: After the meeting on Saturday

Location: Narragansett Bay Commission Office & facility. Address: One Service Road, Providence, RI 02905

Cost: No cost

Transportation: Carpooling between participants

Number of Participants: TBD

Personal Gear Required/Recommended: Wear closed toed shoes. Plan to be outside.

Pre-Registration Required: No. Sign up when you check-in at the meeting registration table.

Option #2: Save the Bay's Bay Center

Sign up when you check-in at the meeting registration table.

Description: Visit Save The Bay's Bay Center located on a Brownfields in Providence overlooking Narragansett Bay and learn about the habitat restoration activities at this former landfill. As part of the site remediation in the early 2000s, Save The Bay created a salt marsh by removing landfill material from the intertidal area and planted a buffer of native trees, shrubs, and grasses and enhanced public access to the shore with walking paths and a public fishing pier.

Host/Leader: Wenley Ferguson, Director of Restoration at Save the Bay

Date & Time: 1:30 pm (After the meeting ends on Saturday)

Location: 100 Save the Bay Drive, Providence, RI 02905

Cost: No cost

Transportation: Carpooling between participants.

Number of Participants: No limit.

Personal Gear Required/Recommended: Wear closed toed shoes. Plan to be outside.

Pre-Registration Required: No. Sign up when you check-in at the meeting registration table.

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