

# NEW ENGLAND ESTUARINE RESEARCH SOCIETY

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### SPRING MEETING 1999

#### Second/Notice/Agenda

**MEETING LOCATION:** Oak Island Inn, Western Shore, Nova Scotia

Thursday 20 May - Arrival of those travelling by Ferry from Portland to Yarmouth at 9:00 EST. Bus provided, travel time of approximately 2.5 hours. Cost will be \$50.00 US for return trip. Return will be Sunday 23 May at 8:00 a.m. from Oak Island Inn. Persons taking bus please contact Mike Brylinsky at Acadia University by 17 May. Mike is at (902) 585-1509 or [email](#)

#### AGENDA

##### Thursday 20 May

1900-2100 Meeting Registration and Reception, Oak Island Inn

##### Friday 21 May

Meeting Registration, Oak Island Inn

**Scott Warren**, NEERS President, Connecticut College  
WELCOMING REMARKS, Mahone Room

Contributed paper session, Mahone Room, **Mike Mazurkewicz**, CONVENOR

(K indicates Ketchum Prize and R indicates Rankin Prize candidates)

**Michael Dadswell and Duncan Bates**, Acadia University  
INTRODUCTION TO MAHONE BAY: A HIGH SALINITY, FJORD-LIKE

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## ESTUARY

**Andrew Bauder, Allen Cembella and Nancy Lewis**, Institute of Marine Bioscience  
STRATEGIES FOR HARMFUL PLANKTON MONITORING IN MAHONE BAY,  
NOVA SCOTIA

**David W. Townsend, Neal R. Pettigrew, Andrew C. Thomas**, University of  
Maine, and **Maureen D. Keller**, Bigelow Laboratory for Ocean Sciences  
COASTAL AND OFFSHORE DISTRIBUTIONS OF *Alexandrium* sp (THE RED  
TIDE DINOFLAGELLATE) IN THE GULF OF MAINE AND BAY OF FUNDY

## BREAK

**Larry T. Spencer**, Plymouth State College  
THE R/V ALBATROSS: HOW ITS USAGE CONTRIBUTED TO THE GROWTH  
OF THE MARINE SCIENCES IN THE UNITED STATES

(K) **Joanne C. Bintz, Scott W. Nixon and Stephen Granger**, University of Rhode  
Island  
PHOTOSYNTHETIC RESPONSE OF EELGRASS (*Zostera marina* L.)  
SEEDLINGS TO REDUCED LIGHT.

(K) **Douglas Hodum**, University of Maine  
THE EPIC SAGA OF MUD, INVERTEBRATES AND ENGINEERING  
STRUCTURES - WHAT IS THE CONCLUSION?

## BREAK FOR LUNCH

Contributed Paper Session, **Michael Stokesbury**, Convenor

(K) **Pamela A. Morgan and Frederick T. Short**, University of New Hampshire  
FUNCTIONS AND VALUES OF FRINGING SALT MARSHES IN NORTHERN  
NEW ENGLAND

(R) **Michael Stokesbury and Gilles LaCroix**, St. Andrews Biological Station  
AQUACULTURE IMPACTS: DIFFERENTIAL MARINE SURVIVAL OF WILD  
AND CULTURED ATLANTIC SALMON

(K) **Lenny Bellet and Scott Warren**, Connecticut College  
THE IMPACT OF INCREASED FLOODING FREQUENCIES ON SEDIMENT  
BIOGEOCHEMISTRY AND VEGETATION PATTERNS ON CONNECTICUT  
TIDAL MARSHES

**Break and Poster Session** (D indicates Dean Prize Candidate)

**Jeffrey Gaeckle and F.T. Short**, University of New Hampshire  
COMPARISON OF FISH ASSEMBLAGES IN TRANSPLANT VS REFERENCE  
EELGRASS BEDS

**Joan L. Beskenis**, University of New Hampshire  
DOES THE BIOFILM ON THE SURFACE OF FUCOID GERMLINGS AND  
SURROUNDING SURFACES PROTECT THEM FROM METAL TOXICITY

**W. G. Ambrose Jr., S. Arnold, D. Smart, L. Wacker**, Bates College  
EFFECT OF BAITWORM DIGGING ON THE SOFT-SHEL CLAM IN MAINE

**Carol Pesch, US EPA, Walt Disney, and Willy Wonka**  
MAKING NEW BEDFORD HARBOR A SUPERFUN SITE: CONVERTING  
ICKY, OOZY STUFF TO ENTERTAINMENT RESOURCES

**Ivan Valiela and Ivan Valiela**, Boston University Marine Program  
CONTRIBUTION OF INCREASED BIRD ABUNDANCE TO AERIAL  
DEPOSITION OF NITROGEN ON CAPE COD

(K) **Kenneth Raposa, Charles Roman, and Susan Adamowicz**, University of  
Rhode Island  
EARLY ECOLOGICAL REPOSSES TO RESTORATION OF A TIDALLY  
RESTRICTED SALT MARSH (SACHUEST POINT, RI)

(R) **Alison Biddle and R. Scott Warren**, Connecticut College  
SEA-LEVEL MARSH SURFACE MICRORELIEF AND VEGETATION: 25  
YEARS OF CHANGE ON A LONG ISLAND SOUND SALT MARSH

**NEERS BUSINESS MEETING**

**NEERS AWARDS BANQUET**, Main Dining Room, Oak Island Inn  
DANCING ON THE SHORES OF MAHONE BAY

## **Saturday 22 May**

Hair-of-the-dog breakfasts?

Contributed Papers Session, **Michael Dadswell**, CONVENOR

**Vic Pyle**, Save the Sound Ind.

THE ERF-RAE PARTNERSHIP FOR ESTUARINE HABITAT RESTORATION

**B.S. Koppl, F.T. Short**, University of New Hampshire and R.C. Davis, Alliance for Chesapeake Bay

TRANSPLANTING EELGRASS (*Zostera marina* L.) WITH REMOTE FRAMES: A LOW-COST AND EFFECTIVE HABITAT RESTORATION METHOD

**Robert Bachsbaum**, Mass. Audubon Soc., John Catena and Eric Hutchins, NMFS, Dave Burdick, UNH and Eric Holt, Mass. Audubon Soc.

FISH IN DEGRATED SALT MARSHES IN THE PLUM ISLAND SOUND REGION: IMPLICATIONS FOR RESTORATION

### **Break**

**David M. Burdick and Alison Bowden**, University of New Hampshire  
ENHANCEMENT OF SALT MARSH REESTABLISHMENT TO IMPROVE HABITAT AND WATER QUALITY

**Theresa A. Theodose**, University of Southern Maine  
NUTRIENT AVAILABILITY, NUTRIENT LIMITATION, AND SPECIES DIVERSITY IN SALT MARSH FORB COMMUNITIES

**Scott Warren**, NEERS President, Connecticut College  
CLOSING REMARKS

### **COOKOUT ON CLAY ISLAND**

1900-onward DANCING AT OAK ISLAND INN

## Sunday 23 May

0800 Departure (from Conference Center) for Ferry (ferry actually departs Yarmouth at 10:00)

fly from Boston. Continental flies from Newark. Fares can be as low as \$150 US return and flight time is about 2 hours. It is a one-hour drive from the Halifax airport to Western Shore. Limo service is available for about \$30 US one way.

### Sailing

If you are equipped you can also sail from anywhere on the coast of New England to Western Shore directly and dock at the Marina. They did it all the time up to the end of Prohibition. Sailing in Mahone Bay is wonderful. There are 40-50 islands with sand beaches and a spinnaker wind home every afternoon.

### Saturday afternoon

The Great Maritime Scallop Trading Company of Chester will be hosting a beach cookout on Clay Island opposite the Inn (about 20 minutes by boat). Steamed mussels and bacon wrapped scallops will be free; lobsters (1-1.5 lb) will be \$15US each. If the weather is too windy (that means gale force) or wet, we can have the cookout at the Inn.

Clay Island has a beautiful dune beach, beach grass, and a cattail marsh (yes, for all you lost souls we have no Pragmites in the Maritimes yet, so leave it at home).

There are numerous marine habitats available to explore and it is possible to scuba dive right off the Oak Island Inn Wharf. For those who wish there are numerous aquaculture operations around Mahone Bay (Atlantic salmon, mussels, and scallops) and tours can be arranged for small groups.

### A Note From Your Treasurer

It's time to pay your 1999 dues! This is also a good time to update your status with NEERS, and pay any existing back dues. The amount you owe for 1999 and any other year is included on your mailing label. Please make all cheques payable to NEERS. Thank you. Hope to see you in Canada. Pam Arnofsky.

Regular member dues: \$15.00 (\$5 goes to the Student Fund)

Student member dues: \$5.00



