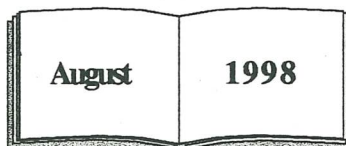


NEW (ORTH??)
ENGLAND (AST??)
ESTUARINE
RESearch
SOCIETY

VOLUME 3; ISSUE 4

NEWS



"ALL THE NEWS THAT'S
FIT FOR NEERS"



Editor: Richard Orson
Assoc Editor: Robert Radulski

TIME FOR A CHANGE

THAT'S RIGHT, NEERS NEWS IS LOOKING TO CHANGE. Are you looking for a rewarding career in journalism? Well here is your chance!!

After starting the newsletter and playing Editor for the last six years, it is time for me to step down and share all the fun with another member of NEERS. This is a fast paced and exciting job that not just anybody can handle...if you are that special someone then this is for you. Yes we realize that your private life suffers from all of the celebrity that accompanies editing the Newsletter, but the sacrifice is often worth it. If you are interested in taking over the vast responsibilities that go with producing the newsletter then send a note to **Rich Orson** and it could be yours.

Many things have happened over the last six months and we will attempt to catch up on all the "goings on" around town. First for those who have not heard...our illustrious Orleans Conservation Officer and Shell fish Warden, **Sandy MacFarlane** retired this past July. Sandy, a former NEERS President, performed her duties admirably over the years perhaps culminating a few years back in providing NEERS with some of the freshest raw clams any meeting has ever seen. Not to mention the Roming Catholics dance band. Sandy served Orleans and NEERS with distinction and her professional doings will be missed on Cape Cod. Of course Sandy will still be a member of NEERS and will still attend meetings, but will we ever get such great clams again remains to be seen. Just because she is retiring from her daily duties does not excuse her from dancing at upcoming NEERS meetings. A party was given in Sandy's Honor on July 23 and although I have not heard directly, I am sure that it was a blast. Sandy we all thank you for your many years protecting the natural resources of Cape Cod and wish you luck in all future endeavors (especially grad school). The next time we see you at the

fall meetings you will be a civilian like the rest of us.

The Spring meetings were held at Connecticut College and unfortunately for me I could not attend (makes sense doesn't it, the closest set of meetings to my home and I couldn't get there). We have a special report from **Wendy Leo** reporting all of the fun details from those meetings (see below). We do want to thank **Scott Warren** and **Ron Rozsa** for organizing the meeting.

The Fall meeting will also be time for the new administration to begin its term. **Scott Warren** will be taking over the reigns from **Fred Short** so be prepared for some changes. And if you thought that the move to change NEERS name has died down you are wrong. It will be discussed in October and maybe even voted upon. This topic has been running through the newsletter for the last few years and has elicited some very strong responses. For those of you who do not remember, I will review some of the more salient aspects of the discussion below.

On a personal note I want to thank all of the people who have helped with the newsletter through the years. **Veronica Berounsky**, for pushing me into this mess, **Rob Radulski** for helping with all the folding, stamping and sharing a beer and all of the individuals who have submitted articles/information for the issues, particularly the Presidents. I hope that this newsletter has been informative and even helpful to the membership. I want to say that it has been my pleasure to produce this newsletter.

So now it is time to get to the rest of the newsletter and hear from our soon-to-be past-President **Fred Short**. Hang to every word this may be the last time Fred imparts his wisdom on all of us without charging a fee (Fred commands up to a penny an hour for such wisdom...so don't take it lightly).

PRESIDENT'S CORNER

End of summer greetings to all NEERS members,

We had a wonderful spring meeting at Connecticut College. Many thanks to host **Scott Warren**, President-Elect of NEERS, and **Ron Rozsa** and their helpers for their efforts. The Thursday before the meeting we had a great Symposium on the Connecticut River Estuary, co-hosted by the Connecticut Department of Environmental Protection and Connecticut College.

The regular NEERS meeting on the Connecticut College campus was well-attended. Our next NEERS meeting will be at Woods Hole, Massachusetts on October 23-24, with a Symposium on coastal management science on October 22nd. Limited STUDENT TRAVEL MONEY is available for students presenting papers or posters which are eligible for one of the NEERS prizes. Send a copy of your abstract for the fall '98 meeting to **Pam Arnofsky** and write a note that you want to be entered in the travel fund lottery:

Pamela Arnofsky <parnofsky@whoi.edu>

As many of you know by now, **Sandy Macfarlane**, past NEERS President and Shellfish Conservationist Extraordinaire, has recently retired from her job with the Town of Orleans, Mass. They will miss her; we hope we will see more of her.

I am happy to announce that we have found a new Historian for NEERS: **Alan Young**, of Salem State College, has agreed to take over the august position from retiring Historian **J. Moore**, who I believe has been our first and only society historian. Thank you for all your good work.

Woods Hole is beautiful in October and pleasantly free of tourists. I hope we can have a great turnout. This will be an election meeting; please come and cast your vote. The name change of the society is (finally) going to be voted on and decided. This will be my last meeting as NEERS President; **Scott Warren** will take up the oars in October.

Best to all,
Fred Short

[Editor's Note - Even though **Fred** ran on a platform of free beer and it was under his administration that we were first charged for beer at the NEERS Thursday night social, we want to thank **Fred** for a wonderful job done as President. All of the blood, sweat and tears were not wasted and the society is richer for having had his wisdom available to us for these last two years. We thank him for his effort and take this opportunity to wish him well in the future. We also want to take this opportunity to welcome **Scott Warren** as the new President (the next issue of NEERS NEWS will not be out until after the fall meetings and this will be my last - ?? - opportunity to welcome him through the newsletter) and we know that he will carry on the wonderful tradition we have come to expect from the people within our organization]

SPRING '98 MEETINGS

The Spring 1998 meeting of the New England Estuarine Research Society was co-hosted by the Connecticut Department of Environmental Protection, Office of Long Island Sound Studies and the Connecticut College Center for Conservation Biology and Environmental Studies. The meeting was divided between two scenic venues. Thursday, May 7, was a special session on the Connecticut River Estuary, held at CT Department of Environmental Protection's Marine Headquarters by the river bank in Old Lyme. Friday and Saturday's session of contributed papers were held at the Blaustein Humanities Center on the lovely campus of Connecticut College in New London, CT.

At the awards banquet, the Dean award for the best student poster went to **Mike Peck** of URI for "An energy budget of the inland silverside, *Menidia beryllina*: energetics vs. life history in a Rhode Island estuary. The Ketchum award for the best graduate student paper was given to URI's **Mark Brush** for his paper on "Modeling phytoplankton production. I. Problems with the Eppley curve and an empirical alternative." The best undergraduate student paper was too close to call, so the judges decided to give two Rankin prizes. These went to **Joseph Mack** of Salem State College for "Comparison by scanning electron microscopy of Atlantic and Gulf coast populations of the hermit crab *Pagurus longcarpus*", and to **Angeline Marshall** of Acadia University for "The role of eel grass (*Zostera marina*) in relation to the epibenthic macrofauna in Mahone Bay, Nova Scotia".

After the meeting, a few hardy souls braved the dampness to tour tidal restoration projects on the Barn Island marshes.

At the NEERS business meeting, several important announcements were made.

(1) Students should be aware that NEERS has two TRAVEL AWARDS of \$300 for travel to ERF '99 in New Orleans. Interested students should send a copy of their abstract to the NEERS Treasurer when it's submitted to ERF, and s/he will select the winners by lottery.

(2) At the fall meeting, we'll be voting on a NAME CHANGE for NEERS to "The North East Estuarine Research Society". Look for background on this possible change in the upcoming NEERS newsletter. If this is important to you, then you should be at the Fall meeting in Woods Hole so you can vote.

(3) We have instituted a "NEERS Achievement Award" to be given every now and then to someone (not necessarily a NEERSian) for very significant contributions to estuarine science, education, conservation, or management.

(4) Herb Jackson, a long-time NEERS member, has been made an honorary member.

(5) NEERS has plans for continuing to improve the web page and email list-server. (see info from Ron and Larry)

(6) The Spring 1999 meeting will most likely be held near Mahone Bay, Nova Scotia, in mid-May 1999.

(7) Nominations are sought by **Scott Warren** for NEERS officers (rswar@conncoll.edu). Also, volunteers are needed to fill the positions of Historian and Program Chair. Many thanks to outgoing Historian **Jay Moore** for 25+ years of service in that position, and to outgoing Program Chair **Marshall Pregnall** who has done a great job putting together the meeting programs over the last few years. Contact **Fred Short** (fred.short@unh.edu) if you are interested in taking on either job.

Hats off to **Ron Rozsa** of CT DEP and **Scott Warren** of Connecticut College for hosting a great meeting. See you all in Woods Hole next fall!

[reprinted without permission from ERF Newsletter v.24, No2 Summer 1998 and written by Wendy Leo]

FALL '98 MEETINGS

The Fall 1998 meeting will be held at the Quality Inn in Falmouth, MA, October 22-24 1998, hosted by **Linda Deegan** of the MBL in Woods Hole. A Thursday symposium is being organized by **Sandy MacFarlane** and **Maggie Geist**, and is tentatively themed "What has all this research done for management?" [EDITOR'S NOTE - one thing it has done is give managers a place to dance twice a year]. For those of you who remember the last time NEERS met at Woods Hole, this will be the first time in many years that they allow us back. The last time we were there **Fred Short** and **Charlie Roman** caused all sorts of trouble (we even had to walk a teacher from Connecticut up and down the parking lot at 4 in the morning to sober her up...she never returned to another NEERS meeting) The meetings should be a good time so get your bookings done early.

ELECTION OF OFFICERS: There will be an election of the President for 2000-2002, as well as Secretary and Treasurer for 1998-2000 at the October meeting.

SPRING '99 MEETINGS

The Spring 1999 meeting is tentatively being scheduled for mid May, 1999 at Mahone Bay, Nova Scotia, CANADA. Our host will be the ever personable, **Mike Dadswell**. For those who have attended previous meetings here, you know what to expect, for those who have not...JUST BE THERE. The meetings start with a ferry ride across the Gulf of Maine and the NEERS social is held aboard the ferry (alcohol floats). We arrive and all accommodations are provided. The ride home is a time to reflect on the weekend's proceedings and sober up for the ride home. Yes it is a big schlepp, but it has always been more than worth it. Besides, Mike and his group have always traveled down here and this is a way to save them some wear and tear on their feet. Additional student travel money will be available because of the greater distance. More information to come at the Fall meetings.

NEERS WEB PAGE

The executive board has requested the formation of a web committee to address issues of design and content for the NEERS webpage. Presently, **Larry Spencer** is the webmaster and has created and revised the NEERS webpage (<http://oz.plymouth.edu/~biology/neers/Default.htm>) which resides on the server at Plymouth State College. At the last business meeting, **Ron Rozsa** has agreed to assist. Larry and Ron both have experience in the design and layout of webpages. If you have ideas and suggestions about the form and content of the NEERS webpage please contact Larry (lts@psc.plymouth.edu) and Ron (maron@snet.net), and join the web committee.

The OFFICIAL NEERS web site is:

<http://oz.plymouth.edu/~biology/neers/Default.htm>

The NEERS webpage can be found using a shortcut to the actual web address - it requires that you remember the ERF URL and add neers.html. ERGO <http://erf.org/neers.html> This is merely a slight of hand or cyberspace - the Erf web address merely forwards you (instantly) to the real web address. It does however, minimize the use of gray matter to remember the full address. Note there is no www preceding erf and the Erf website pages ends in html. Lowly owners of PC's use htm because of the 8.3 windows requirement (i.e., not more than eight letters/numbers before the dot and not more the 3 letters/numbers following the dot). Mac owners do not have these constraints but by convention use html. Remember windows 95 is merely Mac 88 and windows is a software package to make your PC user friendly - that is, to emulate a Macintosh. The ERF organization is hip - it is obviously using a Macintosh to generate their pages since they use html. When all else fails, and you cannot remember the URL, just use a search engine like Yahoo and type NEERS - you should find the NEERS site immediately. Written by Ron Rozsa

NEERS HOME PAGE GETS A MAKE-OVER.

Most of you have probably not been there, but if you have, revisit the NEERS home page. I am in the processing of "beautifying" and "spiffing-up" the NEERS home page. It is still an unfinished project, but it does have a new look. Visit the site at:

<http://oz.plymouth.edu/~biology/neers.html>

and then get back to me with your feedback as to its appearance and utility. It's not perfect, but I hope it is somewhat useful. Send comments to:

lts@plymouth.edu

Thanks, Larry Spencer

**FALL '98 MEETINGS
QUALITY INN
FALMOUTH, MA
OCTOBER 22-24
HOSTED BY LINDA DEEGAN**

JOB OPPORTUNITY

The Office of Long Island Sound Programs is seeking to refill a GIS specialist position. The requirements are listed below.

CLASSIFICATION: Environmental Intern, Environmental Analyst 1 or 2

TYPE OF POSITION: Full Time Permanent

LOCATION: Connecticut Department of Environmental Protection, Office of Long Island Sound Programs, 79 Elm Street, Hartford, Connecticut

POSITION NUMBER: 577

ANNUAL SALARY: Environmental Intern=\$27,197 (Bachelor s Degree) or \$28,177 (Master s Degree); Environmental Analyst 1=\$32,991; Environmental Analyst 2=\$37,378

Position will be responsible for developing and maintaining data layers for a geographic information system of Connecticut 's coastal areas and resources. Activities include conducting coastal resource analyses and evaluations based on air photo interpretation, creating GIS projects, digitizing data layers, linking attribute databases with spatial databases, customizing ArcView and developing Avenue scripts for custom projects and training staff in the use of customized ArcView projects. Preferred candidates would have:

- a thorough working knowledge of ArcView 3.0
- a working knowledge of ArcInfo (on Unix and Windows NT operating systems)
- an ability to interpret & analyze environmental data

Ideal candidates should also have: familiarity with coastal habitats/resources, experience with Avenue script and customizing ArcView, experience with databases such as Microsoft Access, experience in air photo interpretation, excellent project initiation and implementation abilities, experience with digital imagery, experience working on and leading team projects, excellent motivation, and strong organizational skills.

In order to be considered, applicants must meet one of the following conditions:

- Individuals who qualify for the Environmental Intern classification (Bachelors or Masters Degree in a scientific or technical discipline related to the environmental field including, but not limited to biological, earth, or physical sciences, environmental planning, environmental or natural sciences, or natural resources) or
- Employees currently holding the title of Environmental Intern, Environmental Analyst 1 or 2; Employees who qualify for promotion to those classifications; Individuals whose names appear on current Environmental Analyst 1 or 2 certification lists.

Applications (PLD-1) and/or resumes and cover letters must be submitted to:

Joanne Driver

**Department of Environmental Protection,
Human Resources**

79 Elm Street Hartford, CT 06106-5127

by the close of business September 4, 1998.

The filling of this position is subject to reemployment/SEBAC rights for State employees who have been laid off. Questions regarding this position: Contact Ron Rozsa, Supervising Environmental Analyst 860-424-3034.

FUNDING OPPORTUNITIES

At the ERF meeting, a poster advertised a new Marsh Ecology Research Program (MERP) and soon-to-be-issued Request for Preproposals for 1998. MERP is independent, non-profit, and based on a high of peer review. They have supported 9 projects over the past two years with funds from private industry and Sea Grant. Give them a call and see what they may have.

Dr. Daniel A. Kreeger

Patrick Center for Environmental Research

Academy of Natural Sciences

1900 Ben Franklin Parkway

Philadelphia, PA 19103

email: kreeger@say.acnatsci.org

office: (215) 299-1184

FAX: (215) 299-1079

POSTDOCTORAL/RESEARCH ASSOCIATE

Postdoctoral/Research associate position in Mexico. Two year post-doctoral fellowship available in Biological Oceanography, with the possibility of renewal. Starting in February, 1999; full time. Recent Ph.D. and experience in benthic ecology linked to vertical fluxes of organic carbon. A background in biogeochemistry or biology would be desirable. Fluent in English, mastery in Spanish not required. Deadline for applications **August 21, 1998**. Send curriculum vitae, references and brief description of research experience to:

Dr. Elva Escobar

Benthic Ecology Laboratory

Instituto de Ciencias del Mar y Limnologia (ICMyL)

Universidad Nacional Autonoma de Mexico (UNAM)

A.P. 70-305

04510 Mexico City, Mexico

For further information please contact Dr. Escobar at

escobri@mar.icmyl.unam.mx

NEERS NAME CHANGE

Well here we are, almost a year in the making and it is time once again to consider a name change for NEERS. A vote will be taken at the fall meetings in Falmouth to decide once and for all whether or not NEERS will change its name. To help all of you in the decision process let's review what we know to date.

First, it was suggested that since a number of our members are from the fringes (this time I mean geographically), that New England was too restrictive. A change to North East would not change the acronym but would include those members outside of New England. Of course that makes it a matter of perspective...our buddies up in Nova Scotia do not look upon us as northeast. So the discussion began. And boy what a discussion it was...some members were quite upset that we would even consider messing with the name. Others not only liked the idea, but suggested name changes that even changed the acronym. The new suggestions included NEAP, NEAPS & NEAPERS - New England & Atlantic Provinces Estuarine Research Society, NAERS - North Atlantic Estuarine etc. and of course Ernie's suggestion of nowAERS (Northwest Atlantic Estuarine etc.). So being a scientific society what were we to do...collect data!

Second, the lovely and talented Ernie Ruber conducted a survey of NEERS members on this very topic. Ernie had a very typical response from the membership with 3.5% of the members responding to Ernie's survey. Of the 14 respondents, NEAP got 2 votes, NEAPS got 5 votes, NEAPERS got 7, NEERS (nor'east) got 4 and the present NEERS got 1 [I know, I know...they don't add up but Ernie said he was going to explain why at our next meeting in Madagascar]. So there we have our data...an overwhelming majority of the members liked the idea of a name and acronym change.

Third, it was time for action. Of course that is a relative term. Fred, our illustrious President, took the only path he knows how...he put off the decision until he was no longer President. Unfortunately for Fred the membership didn't want to wait and the vote will take place at Fred's last meeting as President. This way whatever happens we can always blame Fred for its consequences. [Editor's Note: Yes this is the same person who campaigned on a platform of free beer for everyone and it was under his tenure that we started getting charged for beer at the NEERS Thursday social. I would say impeachment should be in order but we don't have any interns to go along with it].

Forth, Wendy sent a note to our fellow affiliates to see if they had any comments. The following is one such reply:

"SEERS has overlap members with AERS in NC and with GERS in FL. The members from the extremities are less likely to attend meetings at the opposite geographical extreme, i.e., NC members don't usually attend meetings in FL. Hope this helps some."

Richard Dame
SEERS Past-President

Well there it is, a review of the situation. At the fall meetings more discussion will take place and a vote is scheduled. Once that is done then it will be time to change your CV or not. Hope that you all can come out and voice your opinion or at least have a beer and watch the cat fights.

OPIED

As a NEERS member who lived on the fringe, I can relate to and even supported a name change for NEERS. After careful consideration, I must say I am even more confused than usual. I did favor a change to Northeast, but only until the Canadian Club reminded me that we are hardly northeast of anything except for ourselves. That leaves changing not just the name but the acronym as well. And that is something that I have the most trouble with. NEERS has been around for a long time and it would be very difficult to make the switch. Even when I was living in NJ, I never minded saying the New England in NEERS. Add to that the fact that Dave Franz and Marshall Pregnall were both from NY but rose in the NEERS ranks it never seemed to matter. I never heard Mike Dadswell tell his students that we do not represent the interests of Canadian estuarine scientists either. So the whole thing comes down to this...do we want to mess with tradition. That is something that we must decide for ourselves. How will I vote? I still don't know, but right now I am leaning towards keeping NEERS as NEERS.

Rich Orson

At the October meeting in Woods Hole, we will vote on the proposed name change. Yes or no, whether to change the name of the society to the North East Estuarine Research Society. Same acronym, but a slightly more inclusive geographical reference. There have been strong feelings on both sides of this issue. Let's have a good turnout so the resulting decision is truly representative.

Fred Short

NEERSIAN's try this one.

Do estuaries undergo eutrophication? Many incorrectly describe nutrient enrichment of estuaries as eutrophication. Yet the original definition of eutrophication (*sensu stricto*) refers to a process - the gradual, long term conversion of certain types of lakes from an oligotrophic to eutrophic condition. Eutrophic is not synonymous with hypertrophic (?) or cultural enrichment.

I return to the original question, do estuaries undergo eutrophication in the first place? Long Island Sound changed from a lake to an estuary when rising sea level breached the glacial dam located along the eastern boundary of the Sound. Most of our sub estuaries or embayments and tidal rivers are drowned river valleys. Did any of these actually start life in an oligotrophic condition - pass through a mesotrophic condition and become eutrophic? Even if they did, does nutrient enrichment of estuaries equate to the process of eutrophication? In the past, scientists such as Odum recognized that a special term was needed for nutrient enrichment caused by man and coined the term cultural eutrophication.

Ron Rozsa

VOTE! VOTE! VOTE!
**Elections Will Be Held at the
Upcoming Meetings in Falmouth**

The following is being reprinted for those who may have missed it the first time

**DEVELOPMENT OF A REGIONAL DATABASE ON
COASTAL HABITAT RESTORATION**

Habitat restoration, a relatively young science, is increasingly employed to reduce ecological deficits. Habitat creation and enhancement are also commonly pursued to compensate for lost or damaged habitat. With a rise in the number and types of restoration, creation, and enhancement projects, there is a need to collect, distribute, and share current information throughout the Gulf of Maine (from Cape Cod to Cape Sable, Nova Scotia). By sharing information and lessons learned from past experiences, the success of projects may be improved.

A regional Coastal Habitat Restoration Database has been designed to expand coordination and facilitate information exchange among the regions research community natural resource agencies, land preservation groups, funding and regulatory agencies, and other non-governmental organizations. The database will provide information on projects involving the restoration, creation, and enhancement of habitats, including tidal marshes, dunes, and seagrass, and the restoration of species, including anadromous fish and sea birds. Information is specific to individual projects and includes site descriptions, site locations (including USGS topographic maps), work descriptions, evaluation and monitoring information, funding sources, and project manager information. In addition to the database, a directory of individuals and organizations involved with all aspects of habitat and species restoration, an updated list of publications and reports, and a resource guide on habitat restoration in the Gulf of Maine will be produced.

All final products will be made available on the Internet on the Gulf of Maine Council on the Marine Environment's Environmental Data and Information Management System (EDIMS). If you have information regarding a project, have recent publications or reports to include in the bibliography, and/or would like to be included in the directory, please contact **Chris Cornelisen** at Massachusetts Coastal Zone Management, 100 Cambridge St., Boston, MA 02202. Phone:(617)727-9800x249. Email: Christopher.Cornelisen@state.ma.us. Information for the database may be submitted electronically on EDIMS at <http://gulfofmaine.unh.edu/edims.html>. At EDIMS simply click on "Coastal Habitat Restoration Database -submission form" that is listed under Environmental Database Directories.

ANNOUNCING A NEW AWARD

THE NEERS ACHIEVEMENT AWARD¹

This award may be given to individuals who, in the judgment of the Awards Committee, have made very significant contributions over the years to estuarine science, education, conservation or management.. Recipients need not be members of NEERS but will attend a NEERS meeting to receive the award in person

The award may be given every other year. Although there is no financial honorarium, the recipient's travel costs, lodging and registration will be reimbursed by NEERS and recipients will be invited to speak at the awards banquet.

The candidate(s) will be identified by an Awards Committee which shall consist of three past-Presidents (the immediate past-President and two other past-Presidents appointed by the President) with the most recent past-President serving as chair. If the latter declines or is unable to serve, the President will appoint a replacement from among past-Presidents or if that is not possible, from the general membership to serve through the current term. The Awards Committee will entertain suggestions from the membership, gather biographical data, and present recommendations to the Executive Committee. Final selection will be made by vote of the Executive Committee Members present at a regularly scheduled Executive Committee Meeting or by mail. The Award will be announced prior to the next regular meeting of NEERS and presented at the Awards Banquet.

Nominations are now open for this award; non-NEERS people as well as NEERS members are acceptable as nominees. A committee of past presidents, chaired by David Franz, is accepting nominations from now through October 15th. Presentation of the first NEERS Achievement Award will be made at the Spring 1999 meeting. Send nominations with supporting biographical data to:

Dave Franz
Biology Department, Brooklyn College,
Brooklyn, NY 11210
<DFRANZ@brooklyn.cuny.edu>

¹ The name could be appended at a later time

[Editor's Note - I can think of a change right now...say...NEERS LIFETIME ACHIEVEMENT AWARD or NEERS ACHIEVEMENT AWARD FOR EXCELLENCE IN ESTUARINE SCIENCES or how about NEERS ACHIEVEMENT AWARD FOR FREE LODGING AND REGISTRATION...so many to chose from. Of course the word NEERS may be changed at the upcoming meetings so don't get too used to the name of the award just yet.]

FLATFISH BIOLOGY WORKSHOP

A Flatfish Biology Workshop will be held December 1 - 2, 1998 at the Best Western Sovereign Hotel in Mystic, CT. Emphasis this year will be research activities related to essential fish habitat. Species of interest will include American plaice, Atlantic halibut and the witch, yellowtail, summer, winter and windowpane flounders. Topics will include research on the various life functions, stock enhancement and its research needs. Stock assessment is not included. If you are interested in presenting a paper/poster or interested in receiving more information contact:

Dr. Anthony Calabrese

(203)783-4240 or anthony.calabrese@noaa.gov

Titles are due by July 31 and abstracts no later than August 31 [I realize that this is late but give Dr. Calabrese a call if you are interested]

WORKSHOP REPORT

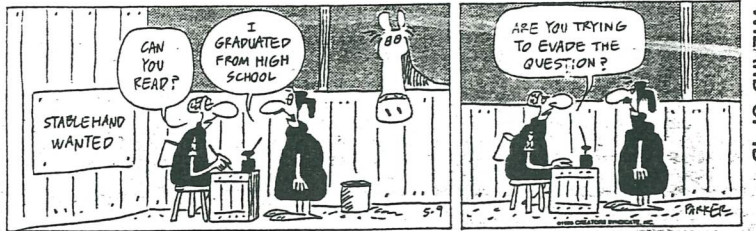
The results of a workshop on research directions and priorities in New England marsh systems featuring a number of NEERS members is available from the CT Sea Grant Office. The report is titled "Research in New England Marsh-Estuarine Ecosystems: Directions and Priorities into the Next Millennium" and is edited by Orson, Warren, Niering and van Patten. For information contact:

Peg van Patten

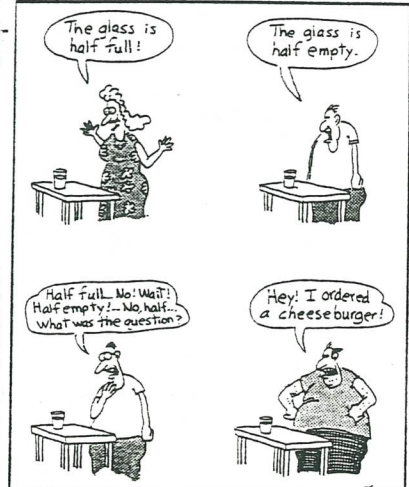
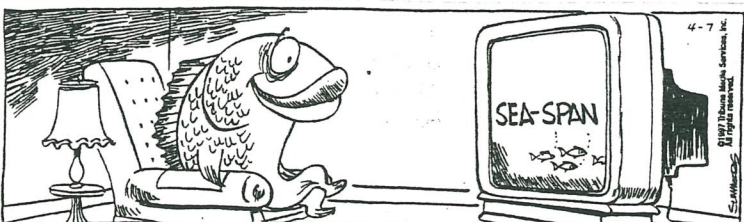
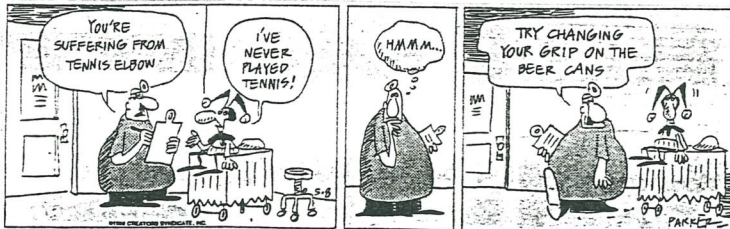
Connecticut Sea Grant College Program, UCONN

1084 Shennecossett Rd.

Groton, CT 06340-6097



ERF '99 NEW ORLEANS, LA SEPTEMBER 25 - 30, 1999 "Where the River Meets the Sea"



The four basic personality types

4-3-V

NEERS NEWS
Orson Environ. Consulting
P.O. Box 921
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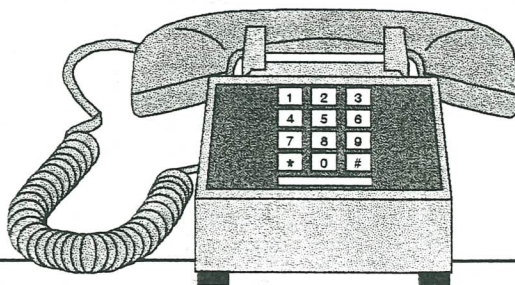
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