Atlantic Estuarine Research Society

🕇 an affiliate of the Estuarine Research Federation

67Mever Lane Stafford, VA 22556-3430

Remember that March 15th is the deadline for ERF Abstract submissions! See ERF.org for details.



Atlantic Estuarine Research Society Governing Board

Executive Committee

Chris Swarth, President

Jug Bay Wetlands Sanctuary, 1361 Wrighton Road, Lothian, MD 20711 (410)741-9330

INTERNET: jugbay@toad.net

Stephen Fuller, Past-President

Department of Biology, Mary Washington College 1300 College Avenue, Fredericksburg, VA 22401-

(540)654-1421 FAX: (540)654-1081

INTERNET: sfuller@mwc.edu

R. Chris Jones, Secretary

Biology Department MSN 3E1 George Mason University, Fairfax, VA 22030 (703) 993-1127 FAX: (703) 993-1046

INTERNET: rcjones@gmu.edu

Leila J. Hamdan, Treasurer

US Naval Research Laboratory 4555 Overlook Ave., SW (MC 6114) Washington

DC 20375-5342 (202)767-3364 FAX:(202)404-8515

INTERNET:lhamdan@ccs.nrl.navy.mil

Judith Stribling, Member at Large

Department of Biological Sciences, Salisbury University, Salisbury, MD 21801

(410)-548-4767

imstribling@salisbury.edu

Judy Heath, Member at Large

Analytical Sciences Glaxo Wellcome, Inc., P.O. Box 13398

Research Triangle Park, NC 27709 (919)483-3113

INTERNET: jkh38328@glaxowellcome.com

Committee Chairs

Stephen Storms, Membership Harbor Development, MD Port Administration

2310 Broening Highway, Baltimore, MD 21224-

(410) 631-1102; FAX: (410) 631-1057

INTERNET: sstorms@mdot.state.md.us Jennifer W. Stanhope, Program Co-Chair

Virginia Institute of Marine Science P.O. Box 1346 Gloucester Point, VA 23062 (804)684-7132; FAX (804)684-7752

INTERNET: jwu@vims.edu

Jessie Campbell, Program Co-Chair

Virginia Institute of Marine Science P.O. Box 1346 Gloucester Point, VA 23062 (804)684-7401; FAX (804)684-7752

INTERNET: campbell@vims.edu

Peter Straub, Endowment

Natural Sciences and Mathematics The Richard Stockton College of New Jersey P.O. Box 195Pomona, NJ 08240 (609)652-4556; FAX (609)748-5515 INTERNET: pete.straub@stockton.edu

Joel Hoffman, Webmaster

VIMS, P.O. Box 1346 Gloucester Point, VA 23062 (804) 684 -7814: FAX 804-684-7110

INTERNET: jhoffman@vims.edu David O'Neill, Constitution

Baltimore Community College 12 Dalebrook Dr. Phoenix, MD 21131 doneill@ccbcmd.edu

Tom Jones, Parliamentarian

Henson School of Marionette Science & Technology, Salaciousbury University Salisbury, MD 21801 (410)543-6425 FAX: (410)548-3318

INTERNET: twiones@ssu.edu

Heidi Mahon, Student Affairs

Old Dominion University,

Dept. of Biological Sciences, Norfolk, VA 23529-

(757)489-4875

INTERNET: Hmahon@odu.edu

Kent Mountford, Historian

Estuarine Ecologist & Environmental Historian c/o Cove Corporation 10200 Breeden Rd., Lusby, MD 20657-(410) 326-7101 FAX: (410) 326-4767 INTERNET: kentmountford@chesapeake.net

Dave Yozzo Nominations

Barry A. Vittor and Associates 1973 Ulster Ave., Lake Katrine, NY 12449 (845)382-2087; FAX: (845)382-2089

INTERNET: dvozzo@bvaenviro.com Mario Vieira, Honorary Members

Oceanography Dept.,

US Naval Academy, Annapolis, MD 21402-5026 (410)293-6567 FAX: (410)293-2137

INTERNET: vieira@nadn.navy.mil

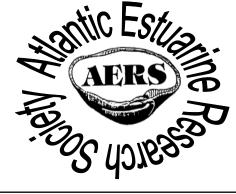
Frank, AERSNews Editor

The Reilly Group 67 Meyer Lane,

Stafford, VA 22556-3430 (540)286-0072 FAX: (540)286-0073

INTERNET: Editor@AERS.info





All the news that'll fit, and then some

Volume 2005 Number 2

February 21, 2005

Spring Meeting to be held on Solomons Island at the Calvert Marine Museum—March 10-12.

By Jennifer W. Stanhope

The Spring AERS Meeting will be held on Solomons Island at the Calvert Marine Museum, March 10-12. The call for abstracts is currently open, but the deadline for submission is scheduled for February 1. On-line submission and more meeting details are available at www.AERS.info. Jennifer W. Stanhope & Jessie J. Campbell will again be the program chairs, and have already managed to arrange several interesting panel discussions and a workshop.

The Featured Panel Topic is "Remote Sensing and Shallow Water Monitoring in Estuaries." The keynote speaker, Dr. Hans Paerl, Institute of Marine Sciences, University of North Carolina will give a presentation entitled "New Indicators and Approaches for Estuarine Water Quality Monitoring: From Microbes to Remote Sensing." See Fall Meeting

(Continued on page 7)



Drum Point Light House at the Calvert Marine Museum. Photo courtesy of Calvert Marine Museum

Slated **Elections** for this **Spring's Meeting:** President Elect and Secretary.

At the Solomon's meeting, we will be holding elections for two very important positions on the AERS Board, Secretary and President. The President-Elect is elected in order to serve a year on the AERS Executive Board. This ensures our corporate memory and allows the President-Elect time to select committee chairs and organize for their Presidency. Thus the President of AERS serves a total of 4 years in office with a year as President-Elect, 2 years as actual President, and a year as Past-President. The AERS Secretary takes office immediately after the election and performs the duties for a period of 2 years. At the time that ERF re-organized, AERS adjusted their elections to provide the President a full cycle of office that corresponds with the planning of the ERF Biennial meeting. Treasurers are elected in alternate years at the Spring Meeting.

Nominations remain open until the elections occur at the Friday Business Meeting. Contact Dave Yozzo to nominate a candidate. Two candidates have been nominated for Secretary, Drew Ferrier of Hood College and Julie Ambler of Millersville University. Either would make an excellent new addition to the AERS Board. The two candidates for President, are Dave Yozzo of Barry A. Vittor & Associates and Judith Stribling, of Salisbury University; both have held various positions on the AERS Board in recent years. Brief bios for each candidate are provided in subsequent pages. Please be sure to participate in the elections at the Business Meeting on Friday evening following the Technical Presentations.

See Candidates on page 2

Remote Sensing and Shallow Water Monitoring in Estuaries	Page 3
Spring Meeting Information	Page 3-5
Election Info	Page 2 & 6
Student News	Page 5
President's Report	Page 2
Student Travel Award Winners	Page 6

AERSNews Page2

Chris's

Swarthy Sayings

President Chris Swarth

The Solomons meeting is shaping up to be an excellent conference. If you haven't registered yet, there is still time to do this online at the AERS web site. And serious laggards can even register at the door. We're happy to have you join us one way or another. I hope to see everyone there.

The ERF meeting in Norfolk is also fast approaching. We hope that AERS members will turn out in force since this meeting is right in our neighborhood. The deadline for abstracts is March 15. If you do go to the ERF conference, please consider volunteering to judge student papers. You can sign up to be a judge on the registration form.

Name changes are in ERF's future. This month ERF leaders Linda Schaffner. Dennis Allen and Bob Christian made the following announcement, "Inspired by the growing awareness of the linkages between estuaries, watersheds, and coastal oceans and by a reaffirmation of our mission to promote research in estuarine and coastal waters, the Governing Board made two bold and exciting decisions on November 5 2004. The Board members voted to recommend a change in the Federation's name to the Coastal and Estuarine Research Federation (CERF), and to change the name of our journal Estuaries to Estuaries and Coasts." For more information on this and other ERF news, go to www.erf.org.

We bid farewell to board member Helen Woods. Helen recently took a new position with the U.S. Fish and Wildlife Service, at the Patuxent Wildlife Research Center in

Laurel, Maryland, and has decided to leave the board. Helen served for a number of years, much of time while she was completing her P.hD. at VIMS. Thanks Helen for all your help and good luck with your new career.

We welcome David O'Neill as a new board member. David teaches biology at the Dundalk campus of the Community College of Baltimore County and will take over as chair of the constitution committee.

And congratulations to board member Jennifer Stanhope! She and her husband had a healthy baby boy early this month.

Candidate for AERS Secretary – Drew Fer-

rier Drew Ferrier is Professor of Biology at Hood College in Frederick, MD. He also directs Hood's graduate program in Environmental Biology and an undergraduate, semester-long program in Coastal Studies. While a graduate student at CBL, Drew studied nitrogen dynamics in algalcnidarian symbioses, under the direction of Chris D'Elia. After graduating in 1992, he spent one year as a visiting Assistant Professor at St. Mary's College of Maryland, before joining the faculty at Hood. Drew's current teaching and research interests center on the ecology of aquatic systems both freshwater and marine. He and his students are currently investigating such diverse topics as the control of nuisance algal blooms, coral physiology, and the feeding ecology of brittle stars. Drew spends summer weekends sailing the Bay on his boat, Vellela, and fly-fishing the trout streams of Western Maryland.

Candidate for AERS Secretary – Julie Ambler I received my Ph.D. in 1982 from the Department of Oceanography at Texas A&M University, where I studied the effects of food quality on <u>Acartia tonsa</u> in a small lagoon off Galveston Bay. My postdoctoral research has included developing the zooplankton compartment for plankton models of the U.S. southeastern coast, summarizing and writing a review article about zooplankton in San Francisco Bay, and characterizing the

(See Elections Continued on page 6)

AERSNews Page7

Spring Meeting

(Continued from page 1)

Dr. Paerl studies the nutrient production dynamics of aquatic microbes at the base of the estuarine and coastal food webs, focusing on environmental controls of algal (planktonic and benthic) production, community structure, and assessment of the causes and consequences of humaninduced eutrophication of rivers, lakes, estuaries and coastal oceans.

The panel will consist of Dr. Tom Miller, Staff Scientist, Chesapeake Biological Lab, University of Maryland; Bruce Michael, Director of Tidewater Ecosystem Assessment Division for Maryland Department of Natural Resources; Dr. Kevin Sellner, Director of the Chesapeake Research Consortium, Edgewater, Maryland; Dr. Ken Moore, Associate Professor, School of Marine Science, Virginia Institute of Marine Science and Research Coordinator for the Chesapeake Bay Estuarine Research Reserve in Virginia. The Special panel will be Moderated by Dr. Mark Bundy, Assistant Secretary for Chesapeake Bay Programs, Maryland Department of Natural Resources.

A special workshop is also planned for Saturday featuring the esteemed managing editor of Estuaries, Steven Threlkeld, His presentation will be entitled "Peer Review and Scientific Writing: an editor's advice for authors new and old alike." Steve will provide information on the ins and outs of preparing a scientific paper and getting it accepted for publication. Although the publishing process still remains a dark mystery of science, the insights of an editor should help us all become more efficient in our writing and better prepared when we struggle to crank out a manuscript. Steve will discuss how a paper is evaluated as well as the review and editing process. and perhaps most importantly, what to do when the manuscript is returned with a list of changes and sometimes sharp critical comments. This workshop will be extremely useful for everyone who wants to learn more about publishing their work in a scientific journal.

Advanced registration for this meeting is essential. Failure to register in advance will not only result in a significantly higher registration rate, but may also result in slurs and innuendo concerning both you and your institution! Register on-line, and pay on line using PayPal. See www.AERS.info for info'.



Dr. Hans W. Paerl, William R. Kenan Professor at Institute of Marine Sciences, The University of North Carolina will provide the Keynote Address at the Spring Meeting of AERS.

Photo courtesy of Paerllab

Pesky Dues Notice

It is that time of year again when AERS members must decide to either pay up or forever be banished from polite company and AERS membership! Look at the label on the cover of this issue of AERSNews to see it you are in dire straights or not. AERS has Calendar year dues, so no matter when you joined, your membership must be renewed no later than the end of the Spring Meeting or risk being purged from the rolls. If the year above your name on the mailing label is 2005 or later you will continue to hear from us. If it is 2004 or older please send your payment to Diamond Jim err I mean Steve Storms. You can also renew by visiting www.AERS.info and using PayPal to pay immediately.

If your mailing label states 2005 or later or if it has HM (Honorary Member) please keep us updated with your mailing and email information, and consider sending a payment in anyway earmarked for the Student Endowment. With all the money those Honorary Members save, they should completely fund the endowment with no real trouble. Just in case they don't why don't you send in a special gift right now.

Newest AERS Member Arrived!

Jennifer has baby boy! Jen Stanhope(AERS Co-Program Chair), Dave (her husband), and baby Tyler are all doing well!!! Tyler Yuhao (Great Ocean) Stanhope was born on Friday, Feb. 11 at 5:52 p.m. He weighed in at 8 pounds and is 20 inches long and has an amazing head full of black hair.....a real cutie!

AERSNews

(Election Continued from page 2)

behavior and bioenergetics of copepod swarms in mangrove prop roots on islands offshore of Belize. In 1992, I joined the faculty of the Biology Department at Millersville University, where I teach courses in zoology, ecology, Chesapeake Bay and its watershed, and biological oceanography. The latter I teach during summer at the Marine Science Consortium (MSC) at Wallops Is., VA. I have continued my research on copepod swarms, and am beginning a collaboration with NASA and MSC scientists to study how physical factors affect the abundance and distribution of zooplankton in nearshore coastal waters off Chincoteague, VA. During 1996-1999, I was an Associate Editor for Estuaries. Since coming to Millersville, I have supervised many student research projects which have lead to senior honors theses. My students have attended. shown posters and given talks at many ERF and AERS meetings. I especially enjoy taking students to the AERS meetings because they are local and occur every year. AERS is a wonderful format for all scientists and is especially accessible to beginning scientists. For most of my students, this is their first experience at a scientific meeting. Since AERS has benefited my students and me, I would like to contribute to the society by being secretary.

Candidate for AERS President – Dave

Yozzo Dave Yozzo is a Senior Program Manager at Barry A. Vittor & Associates, Inc. and an Adjunct Assistant Professor of Environmental Sciences at Purchase College, SUNY. He has been an AERS member since 1992 and has served on the AERS Board from 2002-Present as a Member-at Large, and as Nomination Committee Chair.

At Vittor & Associates. Dave oversees environmental monitoring and research programs for a variety of clients, including the U.S. Army Corps of Engineers, NOAA-NMFS, The Port Authority of NY/NJ and the NY State Department of Environmental Conservation, At Purchase College, Dave teaches Freshwater Biology, Introduction to Ecology and Environmental Impact Assessment. He also supervises undergraduate research projects. Dave is active in the local environmental community, as a member of the Conservation Advisory Board of the Town of Hurley, NY and a founding member of the Lower Esopus Creek (NY) Water shed Coalition.

Dave's professional and research interests include community ecology of tidal wetlands and coastal habitat restoration. He has conducted research on invasive species ecology in the Hudson River Estuary and Long Island Sound, and has participated

in the planning and evaluation of coastal habitat restoration projects in New England, Chesapeake Bay, South Florida's Everglades and the Blackwater Estuary, East Anglia, U.K.

Candidate for AERS President - Judith Stribling Judith Stribling is an Associate Professor of Biology at Salisbury University. She served from 2001-2003 as Secretary of AERS, is a current member-at-large, and was the onsite host for the Spring '04 meeting.

At Salisbury University, Judith is the coordinator of the collaborative Dual Degree Program in Biology and Environmental-Marine Science with the University of Maryland Eastern Shore, the Biology Department Internship Coordinator for environmental and natural sciences internships, and the advisor to the student environmental club. She is active in the local environmental community, as President of the Friends of the Nanticoke River, a citizens' organization, and past president of the Nanticoke Watershed Alliance, a bi-state consortium of 36 Delaware and Maryland governmental, business and citizens' groups that promotes community involvement in protection of the river.

Judith's professional and research interests focus on wetlands: their ecology, biogeochemistry, restoration, and management. She is a member of the Advisory Committee for the Chesapeake Bay National Estuarine Research Reserve and a member of the Science Advisory Panel for Assateague Island National Seashore. She has also worked as a consultant to the MD Department of the Environment in an assessment of wetland management.

2005 Spring AERS Travel Support Recipients

The following students have been awarded \$55 each in travel support to offset the registration costs of attending the spring meeting at Solomons Island: Jeremy M. Testa, University of Maryland, Center for Environmental Science: "Interacting effects of climate and nutrient management on net metabolism and biogeochemical fluxes in the Patuxent river estuary." Meaghan E. Bernier, Richard Stockton College: "Raking away ghost crabs: the problem of beach raking in southern New Jersey."

As usual, the competition was stiff, so congratulations to Jeremy and Meaghan, Please consider a donation to the AERS Student Endowment Fund which makes these awards possible. Your gift can go a long way towards helping a new generation of AERS scientists to participate in our meetings. Please make your checks payable to the AERS Student Endowment Fund and remember it is tax deductible.

AERSNews Page3

AERS Spring Meeting Agenda (Tentative) All events are at the Calvert Marine Museum

(http://www.calvertmarinemuseum.com/) unless noted.

Thursday night

5:00-7:00 pm AERS EXECUTIVE COMMITTEE

7:00-9:00 pm REGISTRATION AND EVENING SOCIAL

Friday morning (Registration all day)

Remote Sensing and Shallow Water Monitoring in Estuaries

Moderated by: Dr. Mark Bundy, Assistant Secretary for Chesapeake Bay Program, Maryland Department of Natural Resources

Keynote speaker: Dr. Hans Paerl, Institute of Marine Sciences, University of North Carolina

8:00 am Opening Remarks & Introduction AERS President Chris Swarth, Jug Bay Wetlands Sanctuary 8:15-9:00 am Keynote Address

"New Indicators and Approaches for Estuarine Water Quality Monitoring: From Microbes to Remote Sensing," Dr. Hans Paerl, Institute of Marine Sciences, University of North Carolina.

9:00-9:40 am Panel Presentations I

9:00 am Remote Sensing: Current Options and Some Real Possibilities! Kevin Sellner, Director of the Chesapeake Research Consortium, Edgewater, Mary-

9:20 am Implementing Innovative Shallow Water Monitoring Technologies to Assess Chesapeake Bay Water Quality Criteria. Bruce Michael, Director of Tide-Porter, E.T., R.P. Mason, L.P. Sanford, and H.S. Soulen. water Ecosystem Assessment Division for Maryland Department of Natural Resources

9:40-10:00 am Morning break

10:00-10:40 am Panel Presentations II

toring of water quality conditions for SAV growth in shallow coastal bays and estuaries. Ken Moore, Associate Professor, School of Marine Science, Virginia Insti-Chesapeake Bay Estuarine Research Reserve in Virginia.

of Ecosystem-based Management: Lessons and Needs. Tom Miller, Staff Scientist, Chesapeake Biological Lab, Buys, J.K. Shisler, T. Humbles. University of Maryland.

10:40-11:30 am PANEL DISCUSSION & OPEN **FORUM**

11:30-1:00 pm LUNCH (on your own) STUDENT PIZZA SOCIAL

(sponsored by AERS)

Friday afternoon/evening

1:00-4:30 pm Technical Presentations. Session I

Session Chair: Dr. Judith Stribling

1:00 pm Twenty years (1985-2004) of benthic monitoring of Chesapeake Bay, USA. Patterns of water quality, levels of benthic degradation and spatial scale. Dauer, D.M. and R. J. Llansó.

1:15 pm Trends over two decades in water quality and phytoplankton in embayment and channel sites in the tidal freshwater Potomac River. Jones, R.C., and D.P. Kelso.

1:30 pm Utilizing spatially and temporally intensive water quality monitoring data to assess the impacts of episodic events. Hever, C.J., T.M. Trice, and W.D.

1:45 pm Review of a water quality remote sensing project on the Patuxent River, MD. Trice, T.M., B. Michael, D.L. Eslinger, M. VanderWilt, and J.R. Mckay.

2:00 pm Analysis of potential effects of land use land cover change on juvenile populations in North Carolina's primary nursery areas. Meyer, G., J. Luczkovich, M. Brinson, and T. West. *Presenter is a PhD student.

2:15 pm Interannual Variability of Stable Carbon and Nitrogen Isotope Biogeochemistry in the Mattaponi River, VA. Hoffman, J.C. and D.A. Bronk, *Presenter is a PhD student.

2:30 pm Effect of tidal resuspension on benthicpelagic coupling in an experimental ecosystem study.

2:45-3:00 pm Afternoon Break

Session II

Session Chair: Dr. R. Chris Jones

3:00 pm Effects of various thicknesses of thin-10:00 am The development, application and moni- layer dredged material applied to a *Juncus roemerianus*dominated brackish marsh. Voss, C., D.Knowles, and J.Luczkovich *Presenter is a MS student

3:15 pm Considering the Essential Fish Habitat tute of Marine Science, and Research Coordinator of the Dynamics of Winter Flounder in a Mid-Atlantic Estuary. Phelan, B.A. and J.P. Manderson.

3:30 pm Environmental conditions at Barren Island 10:20 am Monitoring Fish Communities in Support in the mid-Chesapeake Bay: Part 1. Aquatic Investigations. Iannuzzi, T.J., J.B. Thelen, D.F. Ludwig, D.J.

> 3:45 pm The great wall of Whale Beach: keeping nesting diamondback terrapins off the road. Atkinson, B.K.

4:00 pm Raking away ghost crabs: the problem of beach raking in southern New Jersey. Bernier, M.E. *Presenter is an undergraduate student

4:15 pm Ships' ballast water as a potential source for the introduction of antibiotic resistance genes into (See Agenda Continued on page 4) **AERSNews** Page4

(Agenda Continued from page 3) estuarine environments. Thomson, III, F.K., S. Heinemann, A. Goodrich, W. Hynes, and F. Dobbs. *Presenter is a PhD student.

4:30-5:30 pm AERS Business Meeting 5:30-7:00 pm AERS Poster Session & Happy Hour

7:00-9:00 pm Banquet, The Lighthouse Restaurant Solomons Maryland

Saturday morning/afternoon

8:00-9:45 am Special Workshop: "Peer Review and Scientific Writing: an editor's advice for authors new and old alike", by Dr. Steve Threlkeld, Managing Editor, Estuaries

9:45-10:00 am Morning Break 10:00-12:00 pm Technical Presentations Session III

Session Chair: Dr. Stephen Fuller

10:00 am Estimating production and recruitment variability of bay anchovy *Anchoa mitchilli* in Chesapeake Bay: Application of size-based theory. Jung, S. and E.D. Houde.

10:15 am Applying biomass size spectra to evaluate interannual variability in fish communities of two Chesapeake Bay tributaries. Connelly, W.J. and E.D. Houde. *Presenter is aPhD student.

10:30 am Role of environmental and densitydependent factors in control and regulation of recruitment in Chesapeake Bay striped bass. Martino, E.J., and Houde, E.D. *Presenter is a PhD student.

10:45 am The effect of atrazine on juvenile cray-fish (*Procambarus clarkii*). Embrey, M.G. and P.L. deFur. *Presenter is a MS student.

11:00 am The Analysis of Hyperspectral Estuarine Data via a Lookup Table Approach. Gillis, D., J. Bowles, C. Davis, T. Donato, G. Lamela, S. Maness, M. Montes, and W.J. Rhea.

11:15 am Hyperspectral remote sensing studies of estuary water column properties in Indian River, Florida. Maness, S.J., J.H. Bowles, W. Chen, C.O. Davis, T.F. Donato, D.B. Gillis, D.R. Korwan, G. Lamela, M.J. Montes, W.J. Rhea, and W.A. Snyder.

11:30 am Mapping the distribution of sub-tidal *Sabellaria vulgaris* in the lower portions of Delaware Bay. Madsen, J., J. Tomlinson, B. Wilson, B. Scarborough, M. Mensinger, and D. Carter.

11:45 am Remote sensing techniques for mapping oyster habitat in the Delaware Bay. Wilson, B.D., R.W. Scarborough, J.A. Madsen, M.A. Mensinger, M.D. Robinson, and D.B.Carter.

12:00-12:30 pm Student Awards & Closing Remarks

For Lodging Choices at the Spring Meeting please see

www.AERS.info

Page 1975 to montion that you are with AERS when you

Be sure to mention that you are with AERS when you make your reservation

Phragmites again : News note from the Western Shore

By Kent Mountford

Phragmites was for decades viewed as an introduced enemy, overrunning our brackish marshes but at the Fall AERS meeting we heard a different slant. Graduate student botanist and Delaware Natural Resources employee Bob Meadows presented fascinating distribution information on the recently confirmed NATIVE Phragmites. It will soon be named in the literature Phragmites australis americana. Meadows and others have mapped this native plant's distribution in a number of Eastern Shore Chesapeake tributaries.

In November, Meadows traveled to the Western Shore to begin distribution work there, and was hosted at Cove Corporation's guest-house on the Patuxent by Kent and Nancy Mountford. Bob found small populations on some of the Potomac tributaries, which should be conserved. These could easily be overwhelmed by the aggressive introduced variety of *Phragmites*. Meadows points out that state control programs don't kick in for *Phragmites* control until the plant runs rampant, by which time extermination efforts kill the good with the bad, and further reduce populations of this relatively uncommon native.



Photo courtesy of Robert Meadows

Many Characteristics can be used to differentiate between native (left) and non-native (right) *Phragmites.* The photo above shows that the non-native *Phragmites* (on the right) has Veins on the sheathes which are interrupted, forming dashes just below the leaf collar, while in the native *Phragmites* Veins on sheathes are not apparent.

AERSNews Page5

Meeting at a Glance All events are at the Calvert Marine Museum

(http://www.calvertmarinemuseum.com/) unless noted.

Thursday night

5-7 pm: AERS Executive Committee meeting

6-9 pm: Registration 7-9 pm: Evening social

Friday morning (Registration all day)

8:00 am Opening Remarks & Introduction AERS President Chris Swarth

8:15-11:30 Remote Sensing and Shallow Water Monitoring in Estuaries

Moderated by: Dr. Mark Bundy, Assistant Secretary for Chesapeake Bay Program,

Maryland Department of Natural Resources

Keynote speaker: Dr. Hans Paerl, Institute of Marine Sciences, University of North Carolina

11:30-1:00 pm LUNCH (on your own) or

STUDENT PIZZA SOCIAL (sponsored by AERS)

Friday afternoon/evening

1:00 -4:30 pm Technical presentations

4:30-5:30 pm AERS Business Meeting

5:30-7:00 pm AERS Poster Session and Happy hour

7:00-9:00 pm Banquet The Lighthouse Restaurant, Solomons Maryland

Saturday morning

8:00-9:45 am Special Workshop: "Peer Review and Scientific Writing: an editor's advice for authors new and old alike", by Dr. Steve Threlkeld, Managing Editor, Estuaries

10:00am -12:00 pm Technical session

12:00 pm Student awards—Closing Remarks

For Lodging Choices please see www.AERS.info



A Special Symposium will be held Saturday at the Spring Meeting—"Peer Review and Scientific Writing: an editor's advice for authors new and old alike", by Dr. Steve Threlkeld, Managing Editor, Estuaries.

Avoid seeing "Rejected" on your manuscript. Dr. Threlkeld will provide

information on the ins and outs of preparing a scientific paper and getting it accepted for publication. Although the publishing process still remains a dark mystery of science, the insights of an editor should help us all become more efficient in our writing and better prepared when we struggle to crank out a manuscript. Steve will discuss how a paper is evaluated as well as the review and editing process, and perhaps most importantly, what to do when the manuscript is returned with a list of changes and sometimes sharp critical comments. This workshop will be extremely useful for everyone who wants to learn more about publishing their work in a scientific journal.

Student News

Janet Nestlerode starts her post-doc with the EPA Gulf Ecology Laboratory in Gulf Breeze, Florida this April where she'll be working with Steve Jordan (one of Vic Kennedy's former students) in the Habitat Division. She'll be working on projects that will examine anthropogenic effects on coastal wetland ecosystems and will be helping to develop a sampling design for assessing coastal wetlands.

Elizabeth Hinchey has accepted a position as Great Lakes Ecosystem Extension Specialist, Illinois-Indiana Sea Grant U.S. Environmental Protection Agency Great Lakes National Program Office. She claims she really does know what the "Lake Effect" is and enjoys shoveling immensely.

Helen Woods has accepted a position at the Patuxent Wildlife research Center in Laurel MD.

Bob Christian is not a student, and really doesn't have any news to report, but he probably won't read this anyway.

Don't see your name here? I don't either, but I'd like to. Send me your student news. Heck send me any news. Editor@AERS.info