



CHESAPEAKE ENVIRONMENTAL PROTECTION ASSOCIATION, INC.
P.O. Box 117, Galesville, Maryland 20765

NEWSLETTER

Spring 2006

PRESIDENT'S MESSAGE

Lee Greenbaum, President 2006



Photo by Rich Romer

The calendar of events for the summer and fall is beginning to fill in. The major summer event will be a public forum for the candidates who are vying for County Executive. This public forum is a collaborative undertaking by CEPA, South River Federation (SRF) and Severn River Association (SRA). It will

be held in the Annapolis High School auditorium, beginning at 7 PM on 28 August. Each of the candidates will be given a series of prepared questions dealing with the environment, with a primary focus on the Bay and its tributaries.

It is our hope that all CEPA members will attend and will bring their family, friends and neighbors. This is an excellent opportunity to hear the candidates respond to penetrating questions about the environment, particularly stormwater control, inspections and prosecution of pollution violators.

On October 15 CEPA will hold an Art Auction at the lovely Londontown Civic Center overlooking the South River. Artists from the Annapolis area, Montgomery County and the Eastern shore are being invited to participate. The event will be "sweetened" with catered foods and wine. Please set aside this date and plan to attend this important CEPA fund raising event. More details about this event will be provided on our website and future mailings.

Our most recent speaker, at the March Board meeting was the Director of the Smithsonian Environmental Research Center (SERC). The power point presentation by Dr. Anson Hines, also one of our Trustees, was especially interesting in that it gave historical background information about the establishment of SERC, its growth and its broad based research program. We are indebted to "Tuck" for taking time from his very busy schedule to make the presentation.

CEPA has been unusually fortunate over the years to be able to use the facilities at SERC to hold our monthly Board meetings and special events, the most recent one being the public forum on storm water control. SERC has been especially generous and we appreciate very much the kind support of the Center and its staff.

NEWSLETTER TO BE DISTRIBUTED ELECTRONICALLY

Due to the costs associated with distributing the CEPA newsletter by standard mail, CEPA has decided to distribute it primarily by electronic means. But, if for any reason, you prefer to continue to get it by mail, just let us know and we'll send it that way.

The newsletter will be posted on www.cepaonline.org in a .pdf file. Adobe Acrobat Reader will be required to view it. If you don't already have this program. It can be downloaded free from www.adobe.com/products/acrobat/readstep.html. We recognize that if we send the newsletter as an attachment, it may take a long time to download, and it may come at an inconvenient time for you. Therefore, we will maintain an email mailing list and send only a notice that the newsletter is available and provide the link so it only takes one click to see it.

This change in procedure means we have to develop an email list and a snail mail list, and we ask your cooperation in helping us do that. Please let us know your preference by telling us your mailing address and/or email address. To do this, you can:

- (a) send an email to garyantonides@comcast.net,
- (b) go to www.cepaonline.org, click [Contact Us](#), and use the email blank that appears, or
- (c) fill out the form below and give it to one of our Trustees, or send it to CEPA, P.O. Box 117, Galesville, MD 20765

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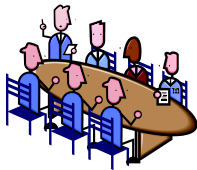
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RIVERKEEPER'S REPORT

Bob Gallagher, West/Rhode Riverkeeper, Inc.



For those of you who live near or visit Tenthouse Creek off the West River, a huge rusting barge aground in the middle of the creek has been part of your view for nearly 20 years. Many people assumed it belonged to Smith Brothers; it did not. Smith Brothers and others have made unsuccessful efforts to have it removed. I made several calls to the Dept. of Natural Resources that also were unsuccessful.

Last Fall, Speaker of the House of Delegates Mike Busch made a tour of the West and Rhode Rivers. I asked him for his help in removing the barge. I also provided him with information about the owner, a company headquartered in Pasadena, MD. In early March, the owner, under threat of fines from DNR, had the barge removed. Thank you Speaker Mike Busch! Now we need to work on getting about 10 sunken boats removed.

Spring always generates a crowded calendar of events relating to the environment. Mark your calendar for Saturday, May 13th for what is sure to be one of the best events of the year. On May 13th we will have our First Annual Wade-In in conjunction with the Smithsonian Environmental Research Center's Annual Open House. It will be held at SERC in Edgewater. The Wade-In will begin at 9:30 and will be led by former Senator Bernie Fowler, the originator of the first wade-in 20 years ago. There will be activities for all ages. For more details and directions go to: www.serc.si.edu.

See you on the river, Bob Gallagher

Cell Phone: 410-533-9002

E-mail: riverkeeper@comcast.net

Website: www.westrhoderiverkeeper.org

CEPA BOARD OF TRUSTEES BRIEFED ON SMITHSONIAN ENVIRONMENTAL RESEARCH CENTER

Gary Antonides, Trustee

The guest speaker at the March meeting of CEPA's Board of Trustees was Anson (Tuck) Hines, director of the Smithsonian Environmental Research Center (SERC) in Edgewater. Tuck is also a Trustee of CEPA, and he is the subject of our "Profile of a Trustee" in this issue.

SERC has hosted CEPA's Trustee meetings for many years. CEPA is very fortunate to be able to meet there, and appreciates not only the cutting edge environmental research they do, but also their many educational programs and other interactions that they foster in the community.

The remainder of this article was taken from SERC's website, www.serc.si.org, and gives a brief account of the research presently going on at SERC.

The greatest challenges to our environment today are in the coastal zone where 70 percent of the world's population lives, works, and plays. The ecosystems at the land-sea interface are the most biologically productive, and their health is critical for the survival of both our oceans and our terrestrial environments.



SERC is the world's leading research center for environmental studies of the coastal zone. Its accomplishments range from running some of the longest continuous ecological studies in the world, to creating new technology that expands the horizons of science.

For 40 years, SERC has been involved in critical research, professional training for young scientists, and environmental education. It is 25 miles from the Nation's Capital, lies along the western shores of the Chesapeake Bay, and serves as a hub for studies that extend around the globe.

A diverse staff of 16 senior scientists and an interdisciplinary team of more than 180 researchers, technicians, and students conduct long-term descriptive and experimental research addressing such issues as global change, the effects of nutrients and chemicals passing through our landscapes, maintenance of productive fisheries, changes to our environment from biological invaders, and protection of fragile wetlands and woodlands.



As a highly visible and fragile ecosystem on the doorstep of the nation's capital, the Chesapeake Bay is indicative of the complex environmental issues facing the world. SERC's main campus encompasses 2,800 acres of land along the Rhode River, a subestuary of the Bay, and includes forest, cropland,

pasture, freshwater wetlands, tidal marshes, and estuaries. Much of our research focuses on this subestuary and its 12-square-mile watershed as a representative model system for the 64,000-square-mile Chesapeake drainage basin.

Like the Chesapeake watershed, the Rhode River site has been impacted by human activities such as agriculture, forestry, and extensive commercial fishing, with an influx of diffuse pollutants in the tributaries and estuarine basin. SERC serves as a natural laboratory and a focal point for long-term monitoring programs and research projects.

SERC researchers conduct studies at field sites around the world—from Australia to Belize and Antarctica to Alaska. Visiting scientists come from across the globe to study at our central facility which has become one of the world's premier training facilities for the next generation of environmental scientists. A total of 786 undergraduate interns and 460 post-doctoral, pre-doctoral and graduate student fellows from around the world have conducted research at SERC. On average, 47 interns and 33 fellows participate in SERC's professional training program annually.



SERC is the headquarters for the National Ballast Water Clearinghouse and a leader in the field of invasive species research. SERC houses the world's longest data record on the increase in ultraviolet (UVB) solar radiation impacting the Earth, and developed the standardized tool for measuring UVB radiation. Our Scientists conduct groundbreaking research on migratory birds on both American continents and on human health issues such as West Nile Virus.



Through collaborations with other organizations, SERC reaches a national and international audience. Last year, 80 distance learning video conferences and electronic field trips attracted 20 million participants. Nearly 10,000 students visit SERC

annually to participate in our hands-on programs. SERC also runs teacher-training workshops and educational programs for adults that are open to the general public.

PROFILE OF A TRUSTEE

Anson Hines, Jr.
Director, Smithsonian Environmental Research Center

Dr. Anson "Tuck" Hines is the Director of the Smithsonian Environmental Research Center (SERC), located on the Chesapeake Bay in Edgewater, MD. He previously served as SERC's Assistant Director for 17 years and as Marine Ecologist and Principal Investigator of the Fish & Invertebrate

Ecology Laboratory for 27 years. He is a Co-Principle Investigator in the SERC Invasions Biology Program, the nation's largest and most comprehensive research program on invasive species in marine ecosystems. His responsibilities at SERC include oversight and leadership of research, professional training and public education programs in global change, landscape ecology, ecosystems in coastal regions, and population & community ecology.



Photo by Rich Romer

Dr. Hines has a B.A. degree in Zoology from Pomona College and a Ph.D. in Zoology from the Univ. of California at Berkeley. He has conducted research on coastal ecosystems in the Chesapeake Bay, Florida, California, Alaska, Belize, Japan, and New Zealand. Dr. Hines has been project leader on a diverse array of research programs, such as: effects of thermal discharges of

coastal power plants; sea otters and kelp forest ecology; long-term ecological change in Chesapeake Bay; marine food web dynamics; predator-prey interactions; impacts of fisheries, aquaculture and fishery restoration; crustacean life histories; and biological invasions of coastal ecosystems. He has studied the biology of crabs around the world and is an expert on blue crabs, and he serves as a member of the Bi-State Blue Crab Technical Advisory Committee for Chesapeake Bay.

Dr. Hines has published more than 110 articles in technical journals and books, and is the recipient of more than 95 research grant and contract awards. He has advanced SERC's land conservation program, which encompasses nearly 3,000 acres of the Rhode River watershed and shoreline. He promoted establishment of the Smithsonian Marine Science Network for comparative studies of coastal ecosystems at the Institution's four long-term research facilities along the Western Atlantic. He serves as Chair of the Smithsonian Diving Control Board, which oversees the safety of the nation's largest scientific diving program.

He is Adjunct Professor at the University of Maryland College Park, North Carolina State University, College of William & Mary, and Maryland Biotechnology Institute's Center of Marine Biotechnology. He has served as major advisor for 17 Post-doctoral fellows, 11 Ph.D. students and 9 M.S. students, and as mentor for more than 110 undergraduate Interns.

Dr. Hines lives in Severna Park with his wife Linda, who has worked as a Labor and Delivery nurse for 35 years. They have 2 grown children and one grand-daughter. They enjoy sailing their Ericson 32 sloop on the Bay.

**Join SERC for their
2006 Open House for Nature**

Saturday, May 13, 9:00 am - 4:30pm

Come explore their 3,000 acre site and see what they're doing along the shores of the Chesapeake Bay and around the world. There are activities for all ages including:

*Boat Rides, Hay Rides, Science Demonstrations,
Exhibits by Researchers, Canoe Trips,
Live Music & **Blue Grass Jam**,
Seining and Catching Crabs & Fish,
Canopy Crane, Crafts, Face Painting.*

The first ever Rhode River Wade-in with Bernie Fowler, the launching of SERC's membership in the Chesapeake Bay Gateways Network, and a brand new Friends of SERC membership program!

Bring a lunch, or buy one here for a small fee.

Directions: SERC is located 15 miles south of Annapolis.

Parking is limited, so we provide shuttle buses from the free parking available at Central Middle School only a few miles away at 221 Central Avenue East, Edgewater.

For info, contact [Karen McDonald](#), 443-482-2300.

**2006 CEPA MEMBERSHIP
AND/OR
RIVERKEEPER CONTRIBUTION**

If you would like to support CEPA or the West/Rhode Riverkeeper, please use the form below. Donations to both are tax deductible. A CEPA membership for 2006 is \$20., and entitles you to our newsletters, and to vote for our Trustees.

Mail to: CEPA
PO Box 117
Galesville, MD 20765

Name _____

Address _____

Phone _____ (Optional)

Email _____ (Optional)

Occupation _____ (Optional)

Enclosed is: \$20. for my CEPA membership.

(Or other amount: \$ _____)

\$ _____ Contribution to the
West/Rhode Riverkeeper.

OBITUARY



A long-time trustee of CEPA, Captain John M. Court USN (Ret.), died at the age of 90 in his home in Harwood, Md. on March 1, 2006, one year after the passing of his wife, Mimi. He was born in Philadelphia in 1915 where his father, a 1905 Naval Academy graduate, was serving at the Navy Yard. He grew up in the Philippines and Washington, DC. After high school, he attended the U.S. Naval Academy, where he won the Van Dyke Award for oratory and writing, graduating in 1936.

He served aboard ships and attended post-graduate school in naval architecture. In 1942, he married the former Mildred Ellyson, daughter of a classmate of John's father who became the Navy's first aviator. During WWII, he served at Pearl Harbor and on board ship in the campaigns for the Marshall Islands, Philippines, and Tokyo Bay. During the Korean War, he served in Japan and on board ship near the Straits of Tsushima. After the war, he earned an M.B.A. from George Washington University. He was assistant comptroller of the Bureau of Ships before retiring from the Navy in 1959.

He graduated from William & Mary Law School in 1961. He returned to the Annapolis area in 1967 and worked for Anne Arundel County, retiring in 1982 as assistant county solicitor. He was a founding member of and legal council to CEPA.

John and Mimi enjoyed tennis, gardening, sailing, and international travel. He is survived by seven children, 12 grandchildren, and two great-grandchildren.



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