



Kelly Outlines US Ocean Commission Efforts

Highlights role of education, need for research

By John Duff

U.S. Ocean Commission member Paul Kelly told participants at The Coastal Society's recent biennial conference that ocean research and education serve as a cornerstone in the Commission's assessment and review of the nation's ocean policy framework. Speaking to an audience of more than two hundred educators, business leaders, coastal and ocean resource managers, and students, Kelly noted that research and education serve an important function inherently linked to the Commission's other focus areas: stewardship; investment and development; and governance.

During his May 20 luncheon presentation at TCS18 in Galveston, Kelly noted that we are constantly "discovering the oceans," and that continuing research efforts would play a crucial role in balancing two important objectives being considered by the Commission, "sustaining economic benefits [while] protecting marine resources."

When Congress passed the Ocean Act of 2000, it established a Commission "to make recommendations for coordinated and comprehensive national ocean policy" that will:

- Protect life and property;
- Promote responsible stewardship of ocean and coastal resources, including fisheries;
- Protect the marine environment and prevent marine pollution;

- Enhance marine-related commerce and transportation and reduce conflicts among users;
- Increase our knowledge and understanding of ocean and coastal processes and their role in climate variation; and,
- Facilitate investment in and development of methods to enhance national energy and food security.

Kelly pointed out that "Congress and the President have stated *why* we need a comprehensive national ocean policy. It is the Commission's job to state *what* that policy should be and *how* to make it happen."

Kelly highlighted the importance of research and education when he articulated the Commission's belief that "public education in marine affairs and sciences" is essential to the development of a "robust national ocean policy." That effort, added Kelly, must raise "awareness of the nation's wealth of coastal and ocean resources." The education effort, explained Kelly, must also inform citizens and residents as well as government officials, of their roles as "ocean stewards." According to Kelly, that effort would facilitate the Commission's ultimate objective of developing a "coordinated and comprehensive framework that defines the appropriate role for all levels of government, the private sector, [and others] in managing ocean and coastal resources."

And while most of the educators and students in the audience were from graduate institutions, Kelly noted that the Commission envisioned education efforts that could start much earlier. He referenced the Commission's assessment of "ocean education" efforts in the kindergarten, primary and high school systems.

Kelly,

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**TCS Student Members
Get the Vote!
See page 4.**

Message From the President

TCS 18 Student Involvement Heralds A Bright Future

As I write this, it has been a month since the Society's 18th international conference in Galveston, Texas. Putting together a large international meeting can be trying experience. And when it's over, one should look back, assess the enormous energy involved and identify the positives.

Even though the odds were against us (Sept. 11th coupled with drastic restrictions in some state travel budgets), **TCS 18** attracted approximately 275 attendees representing many countries. We also had tremendous conference support from a broad spectrum including governmental, non-profit and private sector partners. The conference planning team deserves a huge thank you for a job well done.

One of the most outstanding positives of **TCS 18** was the level of student involvement. Almost twenty percent of our attendees were students. This is great news since student involvement is crucial to the continued viability of TCS. Personally, I rank student membership and participation as one of our most important goals.

To continue to foster this participation, TCS student members will be entitled to vote on matters put before the TCS general membership beginning July 1, 2002. The extension of voting rights (brought about by a change to our bylaws) reflects the board's recognition of the important role of our student members. This change is a significant event for the TCS family and heralds a promising future for the organization.

Walter Clark

Fish and Wildlife Foundation Bring Students to TCS 18

By John Duff

The National Fish and Wild Foundation joined forces with The Coastal Society earlier this year to help bring over twenty students to TCS 18 in Galveston. While TCS has supported student conference attendance in the past, the \$5,000 matching grant from the Foundation significantly increased the number of student attendees at the biennial meeting in Texas. Long-time TCS member Gib Chase helped set the stage for the match grant relationship and TCS Education Committee Chair Ariel Cuschnir administered the student funding effort.

"I would never have been able to make the trip to Galveston if it were not for this support," explained Dana Wusinich-Mendez, a Duke University student, adding that the conference "was both a memorable learning experience as well as a great opportunity to meet different professionals working in the coastal management arena." Those sentiments were echoed by the other twenty-plus students from Duke, East Carolina University, Oregon State University, State University of New York at Stony Brook, Texas A & M, University of Rhode Island, and University of Washington.

Dozens of students, most of whom benefited from the NFWF-TCS travel grants, attended the Sunday afternoon Duke-led *Young Coastal Leaders Workshop* and pointed to that session as one of the highlights of the conference. "We felt a really warm reception from the TCS officers who attended the Workshop and shared some great ideas and insights. I'm looking forward to continuing the dialogue that was started there," remarked University of Washington student Monika Thiele.

For some, TCS 18 represented a foray into the world of professional gatherings. "This conference was a very valuable experience for me," noted Duke student Elizabeth Griffin. "As my first major conference, it showed me how great a gathering like this one can be for the exchange of ideas. I met a number of people who I'll be keeping in contact with about issues that we discussed at the conference," added Griffin.

Other students, like University of Washington student Bridget Ferriss emphasized "the opportunity to present my results to a broad group of peers in a comfortable setting. I received informative feedback and learned of other similar projects occurring elsewhere in the United States."

Foundation,
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From the Editor's Desk...

Welcome to Volume 24, Issue 2 of TCS BULLETIN. You'll notice as you glance through these pages that this issue has a decidedly student-oriented theme. From Ocean Commissioner Paul Kelly's remarks highlighting the importance of marine research and education outlined in the cover story to the membership application on the back page inviting students to join TCS, this issue is evidence of the mutually beneficial relationship between TCS and students.

In his message to members (page 2), TCS President Walter Clark emphasizes the quality and quantity of student participation at TCS 18 in Galveston, Texas in May. The article next to Walter's message points out the importance of partnerships and reflects the impact that a generous contribution can make to dozens of students eager to get a jump on their careers even as they continue their studies. The National Fish and Wildlife Foundation's match contribution enabled two dozen students to attend the conference. And the "pay-off" is evident in the student's remarks about their experiences.

The note on page 4 (*Students Get the Vote*) chronicles some of the efforts to increase student participation over the years culminating with a resounding call to grant student members a vote in TCS matters. And the job opportunities and conference listings (pages 8 and 9) give students a taste some of the educational and vocational opportunities that lay ahead.

TCS 18 stands out as a watershed for student participation and support. As we move ahead there can be no doubt that these folks whom Tom Bigford and Mike Orbach have dubbed "the next generation of coastal leaders" will bring great energy and ideas to TCS. I suspect you'll be seeing more of them in the months and years ahead – perhaps at conferences, perhaps in your offices, and most certainly in the pages of TCS BULLETIN.

John Duff

Corrections/Editorial Policy

TCS BULLETIN publishes articles which may represent varying perspectives on coastal issues. The views expressed in TCS BULLETIN are those of the authors and may not represent the policy of TCS or the BULLETIN. TCS BULLETIN welcomes comments as well as information about errors that warrant correction. Contact: jduff@usm.maine.edu and indicate "comment/correction: Vol. __, Issue __" in the subject line.

Wanted

Articles

Notices

Bright Ideas

As The Coastal Society reflects upon 25 years of service to coastal communities, we would like to hear from those of you who have been involved with the organization over the years.

In the coming months and issues, TCS BULLETIN will publish articles about the work of the organization and its membership (because in truth, the organization is its membership).

If you have an article that illustrates the role that TCS members have played in coastal governance, please send it along. We are also interested in articles about contemporary coastal matters. Information about upcoming conferences as well as education and training opportunity notices are always welcome. Finally, TCS BULLETIN would like to highlight innovative approaches to coastal and ocean resource stewardship. If you are involved in, or know about, a truly "bright idea" that promises to improve coastal resource management efforts, let us know.

Remember, sound governance of our ocean and coastal resources wasn't just the concept behind the formation of The Coastal Society, it is a principle of historic importance.

*He has plundered our Seas,
he has ravaged our coasts ...
he has destroyed the lives of our people.*

Declaration of Independence, 1776.

Submissions can be made to: jduff@usm.maine.edu or coastalsoc@aol.com.

The TCS BULLETIN is published by The Coastal Society to provide information about coastal issues and events. The Coastal Society is an organization of private sector, academic, and government professionals and students dedicated to actively addressing emerging coastal issues by fostering dialogue, forging partnerships, and promoting communication and education.

Contributions to the BULLETIN are encouraged. Inquiries about the BULLETIN or the Society should be addressed to:

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Students Get the Vote

Beginning July 1, 2002, TCS student members will be entitled to vote on matters put before the TCS general membership. According to TCS President-Elect John Duff, the expansion of voting rights to include student members reflects a need identified by the board as well as the role played by TCS student members. "Coming on the heels of such fantastic student involvement at TCS18, I think the expansion of voting privileges to students is not only good for them, it's great for TCS in general," notes Duff. "There's no doubt in my mind that student members are playing an increasingly important role in the organization," added Duff.

The fact that student members could not vote until now may come as a surprise to some TCS members. When TCS began twenty-five years ago, the organization consisted of a small group of professionals and academics along with a handful of students. The organizers may not have ever dreamed of how robust the organization would become or the number of student members it would attract. Under the terms of the early bylaws, regular members as well as institutional members were afforded a vote, but students were not.

As the organization grew it became increasingly apparent that it had a lot to offer students and that students had a lot to offer themselves. And while technical changes were made to the bylaws from time to time, the membership category provision and the related voting rights issue remained unchanged.

As TCS began to grow, the role of students in the organization began to evolve. At a very early stage, Tom Bigford led an effort to encourage student membership and reward student scholarship. In 1998, John Duff challenged TCS members working in academic institutions to sponsor student members. "I wanted to add a little additional fuel to an informal effort that had already been going on at some institutions," recalls Duff. Duff's challenge brought in more student members through the generous sponsorship of TCS academics across the country. Student enrollment continues to grow and TCS student chapters have been established at Duke University, Eastern Carolina University and the University of Washington.

Throughout the organization's history, board members and others have worked to fund student participation at TCS Conferences. For the 2002 biennial conference, TCS Member Gib Chase worked with the National Fish and Wildlife Foundation to secure a generous "match" contribution that helped bring over twenty student members to Galveston.

In light of the growth and interest of the TCS student membership, TCS President Walter Clark called on the Board of Directors to make timely changes to the organization's bylaws emphasizing the student voting rights issue. In 2001, Special Projects Committee Chair John Duff was charged with coordinating a Bylaws Revision Committee which would recommend changes to the Board and put those changes to the members for approval. Along with Clark and Duff, TCS Executive Director Judy Tucker and then TCS Board Member Marc Poirier drafted changes that included an amendment that

would grant student members the same voting rights as other TCS members. In 2001, the Board of Directors unanimously accepted the bylaws revisions and voted to put the changes before the TCS general membership for their approval.

At the end of the voting period in June 2002, the revisions were approved overwhelmingly by the TCS membership. The changes are effective as of July 1, 2002. TCS thanks all members who have worked to make this change a reality and offers student members a warm welcome to the voting ranks. ■

Foundation,
continued from page 2

International student Somrudee Meprasert, studying at Oregon State University, noted that TCS 18 "provided me with a great opportunity to learn about U.S. coastal and marine policy issues." "The conference gives me an advantage as I start my dissertation on marine tourism management," Meprasert added. Laura Oremland, a SUNY/Stony Brook student and Sea Grant Knauss Fellow in the NOAA Fisheries Office of Science and Technology, recognized the value of hearing from researchers whose work might augment her own. Oremland, who is working on the *Our Living Oceans Habitat Report*, explained, "I was able to make valuable contacts with researchers who may supplement information to the *OLO Habitat Report* to illustrate the impacts of factors such as sea level rise on coastal habitats."

Most of the students recognized and took advantage of the conference's dual objective of networking and information-sharing. "I learned practical techniques for planning and management efforts that involve multiple jurisdictions and stakeholders," remarked UW student Sarah MacWilliams, "and the conference allowed me to begin to forge alliances with my peers."

Adrienne Harris, a Duke student, said that she appreciated the opportunity to meet and hear from "professionals at NOAA, the EPA, and the Coast Guard . . . on shipping pollution issues, which I am doing my master's project on."

Jennifer Macal, another Duke student, echoed the networking benefits of the conference, "I recently have been hired as a fishery biologist within NOAA's Restoration Center. This conference gave me the chance to introduce myself to other professionals working on both fisheries issues and habitat restoration throughout the United States and internationally. I felt that this contact was extremely important because I could be working with some of these individuals on future restoration projects."

TCS would like to thank everyone involved in bringing a diverse and plentiful group of students to Galveston. ■

Kelly,

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While focusing on “ocean issues” Kelly pointed to the obvious coastal and upland connections that play a role in ocean ecosystem stewardship. During his discussion of marine resource protection, he highlighted the importance of estuaries and mentioned land-based threats to ocean and coastal resources, including land-based nutrient loading.

Kelly also emphasized the importance of academic and commercial research that would serve to enhance the nation’s investment and development of ocean and coastal resources. A sampling of the areas considered important in ongoing research include: tourism, energy, biotechnology, and aquaculture. Kelly also pointed out that research would be important on issues related to the protection and stewardship of resources that could be affected by increasing investment and development. He listed a number of stewardship concerns being reviewed by the Commission including fisheries, marine mammals and protected species, marine protected areas, and coral reefs. Kelly also highlighted a number of more general marine environmental protection and pollution prevention issues including water quality, toxics, hypoxia and marine debris.

In wrapping up his discussion of the Ocean Commission’s efforts to date, Kelly noted that the Commission’s task was a work in progress and that he and the other Commission members and staff continued to gain insight from the public meetings being held around the country. The Commission is slated to submit its assessment and recommendations to Congress and the President in 2003. ■

Upcoming US Ocean Commission Public Meetings

July 22-24, 2002

Northeast Regional Meeting - New Jersey to Maine

Location: Boston, MA

August 21-23, 2002

Alaska Regional Meeting

Location: Anchorage, AK

September 23-25, 2002

Great Lakes Regional Meeting

Location: Chicago, IL

For more information on the US Ocean Commission, visit:

<http://www.oceancommission.gov/>.

Ocean Commission Resolution

The following resolution was passed unanimously by the members of the U.S. Commission on Ocean Policy at their meeting in Washington, D.C., on November 14, 2001.

United Nations Law of the Sea Convention

The National Commission on Ocean Policy unanimously recommends that the United States of America immediately accede to the United Nations Law of the Sea convention. Time is of the essence if the United States is to maintain its leadership role in ocean and coastal activities. Critical national interests are at stake and the United States can only be a full participant in upcoming Convention activities if the country proceeds with accession expeditiously.

Ocean Commission On The Web

The Ocean Commission’s web site presents information on the Oceans Act of 2000, the history of the Commission, and the Commission’s activities. Visit www.oceancommission.gov to learn more. Excerpts below illustrate some of the background and history that gave rise to the current commission as well as information on the commissioners and staffers..

About the Commission

The last congressionally authorized commission to review and make recommendations for a national ocean policy was convened under the Marine Resources and Engineering Development Act of 1966.

That commission, which is commonly referred to as the Stratton Commission after its chairman, Julius Stratton, issued its far-reaching report on January 9, 1969.

President George W. Bush announced his intent to appoint the 16 members of the new Commission on Ocean Policy on June 15, 2001, based on a process that included nominations by the Congress and appointment by the President. The appointments were finalized on July 3, 2001. Details on the procedures for appointing the Commission can be found in the [Information on the Ocean Act](#), and in the [Oceans Act](#).

Meet the Commissioners

This page provides biographies of the 16 commissioners.

Commission Staff

This page lists staff and provides individual e-mail links.

Commission Working Groups

The Commission has established three Working Groups to address issues in the areas of Governance; Research, Education and Marine Operations; and Stewardship. These Working Groups are charged with reviewing and analyzing issues within their specific area of focus and reporting on their findings to the full Commission. A fourth Working Group, Investment and Implementation, will focus on new investment and implementing strategies needed to carry out the proposed policy.

NOAA & CZM's *Personal Watercraft Management Guide*

Submitted by Shari Currey

The environmental impacts of recreational boating are well studied and widely documented. Scientific literature abounds with studies regarding the physical damage and disturbance caused by traditional vessels such as outboard motorboats and sailboats, as well as the impacts linked to boating-related activities such as fishing and water skiing. Resource managers and municipal officials use these studies to develop comprehensive boating policies that effectively balance recreational water uses with natural resource protection; however, recent increases in the popularity and use of personal watercraft (PWC) have complicated such policy development. These controversial vessels, which are easily distinguished by their unique design and operational characteristics, create a variety of concerns for both resource managers and the public.

Personal watercraft (PWC) are compact, powerful and agile vessels that have revolutionized the world of recreational boating. Although PWC ownership and sales have decreased in recent years, PWC use has remained high and these vessels continue to represent a modest, yet profitable sector of the recreational boating industry. Few studies specifically examine the consequences of PWC use, but these vessels are frequently associated with management issues such as multiple-use conflicts, noise complaints, safety concerns and natural resource damage. Efforts to alleviate these problems are complicated by debates regarding scientific uncertainty, public perception, individual biases and the feasibility of different management strategies. These debates hamper the collaborative and consensus-building processes that are necessary to develop successful management initiatives.

In an attempt to inform these debates and improve community-based management efforts, the Massachusetts Office of Coastal Zone Management (CZM), in partnership with the National Oceanic and Atmospheric Administration's (NOAA) Coastal Services Center, is preparing a *PWC Management Guide* that presents updated information about PWC and their potential ecological and social impacts. This comprehensive manual serves as a reference handbook for the diverse array of individuals, agencies and communities involved in PWC management and provides instruction on assessing and managing PWC-related environmental impacts. Moreover, it offers a framework by which to evaluate individual PWC management efforts and, if used by communities sharing a given body of water, it potentially enhances the consistency and compatibility of concurrent management efforts. Although the *PWC Management Guide*

focuses on marine and estuarine environments, most of the information it presents is also applicable to freshwater systems.

Chapter One of the *PWC Management Guide* provides insight into the history and popularity of these unique vessels and discusses some of the underlying considerations that readers should keep in mind when addressing PWC issues. Chapter Two summarizes the information that currently exists regarding the environmental impacts of recreational boating (i.e. air and water pollution, wildlife disturbance, habitat destruction, noise, aesthetic degradation and public safety threats). In doing so, it compares PWC-related impacts to those of more traditional vessels and highlights some of the scientific uncertainties that complicate PWC management. Chapter Two also delineates the data and information necessary to conduct site-specific PWC assessments. These data and information are important because the factors that determine the nature and extent of PWC impacts vary widely and it is not always possible to transfer scientific results from one site to another.

Chapter Three presents a broad range of management strategies that can be used to mitigate PWC impacts. These strategies range from rather simple, voluntary measures to complex regulatory frameworks. In between are a myriad of more moderate strategies, such as zoning, education, licensing, certification and noise abatement. Where possible, Chapter Three uses illustrative case studies to show how these strategies can be modified to meet the specific needs of different communities. Finally, since effective PWC management begins with effective policy development, Chapter Four examines both the general steps and specific considerations that pertain to PWC policy development. More specifically, it discusses the recognition, definition and refinement of emerging issues; the development and evaluation of policy alternatives; and the initiation, implementation and modification of selected policy solutions. ■

The *PWC Management Guide* will be released in July 2002. To request a copy of this manual, or for further information, please contact:

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Sea Kayaking for Stewardship and Safety in the Gulf of Maine

Bar Harbor, ME — Traveling only as fast as their arms will let them, the Gulf of Maine Expedition's team of paddlers will document the 1,000 mile long edge of the Gulf of Maine from Cape Cod, Massachusetts, all the way to Cape Sable Island, Nova Scotia, starting on May 4, 2002, to raise awareness about the Gulf of Maine. Team leader Natalie Springuel of Maine Sea Grant explains, "We want to help people understand what the Gulf of Maine is, its oceanography, its shoreline, its watersheds, its habitats, its natural history, its people and places. This is an ecological and cultural awareness adventure."

Nova Scotian team member Dan Earle adds, "We hope that in traveling slowly, by kayak, expedition members will gain and convey to others a sense of the Gulf that can not be gained by other means of travel – a personal, immediate, and intimate sense of time and place." The team, made up of two American guides, two retired Canadian educators and up to 4 other paddlers, will take five months to complete the journey, making landfall in a dozen communities along the way.

Maine Sea Grant has supplied the team with an ultra-lightweight laptop computer to access the Internet in order to keep Gulf of Maine communities and organizations abreast of the Expedition's progress. The Expedition's website, including a map, journal entries and Gulf of Maine information, will be updated from the water several times a week and can be viewed at www.gomexpedition.org.

Using digital and video cameras, journals, art, a field microscope, a water quality kit, a GPS unit, and other equipment, the expedition hopes to capture a snapshot of the Gulf of Maine, from West to East, during the summer of 2002. An important part of the Expedition will be the informal contact with children, families, communities, and tourists along the rim of the Gulf coast, people who live, work, and play throughout this vast watershed.

Learn all about the Gulf of Maine and meet the Expedition at one of their landfalls!

submitted by Maine Sea Grant

Gulf of Maine Expedition Itinerary

May 4th ~ Provincetown, Massachusetts. Gulf of Maine Expedition departs.

May 18th ~ Boston, Massachusetts. Team celebrates first of tour's "Gulf of Maine Days" and National Safe Boating Week with the U.S. Coast Guard, U.S. Coast Guard Auxiliary and U.S. Power Squadron at season's opening of the Boston Harbor Islands National Park.

May 25th ~ Seacoast Science Center, Rye, New Hampshire. Second "Gulf of Maine Day" sponsored by the Seacoast Science Center.

June 7th-9th ~ L.L. Bean Kayak rendezvous, University of New England, Biddeford, Maine.

June 23rd ~ Portland, Maine. Third "Gulf of Maine Day" celebrated with sponsors and guest paddlers.

June 25-27th ~ Northern Penobscot Bay. Warren Island campout/flotilla.

July 3rd ~ College of the Atlantic, Bar Harbor, Maine. Fourth "Gulf of Maine Day" celebrated on the College's shorefront campus in conjunction with Natural History Museum's lecture series.

July 20th ~ Eastport, Maine/St. Andrews, New Brunswick. Our fifth community visit, possibly a joint U.S./Canadian event. Details to be announced.

July 31st ~ Saint John, New Brunswick. Home of the famous Reversing Falls.

August 10th ~ Fundy National Park, Alna, New Brunswick. Look for us at a campfire presentation.

August 17th ~ Cape Chignecto National Park, Kentville/Wolfville, Nova Scotia. Another campfire presentation.

August 31st ~ Digby, Nova Scotia.

September 7th ~ Meteghan, Nova Scotia.

September 14th ~ Yarmouth, Nova Scotia.

September 28th ~ Cape Sable Island, Nova Scotia. Our tenth community visit and a big party celebrating the end of our Expedition.

American Fisheries Society Annual Meeting:
Aug. 18-22, 2002, Baltimore, MD
Turning the Tide-132nd AFS Annual Meeting
<http://www.fisheries.org/annual2002/>

The American Shore and Beach Preservation Association:
September 15-18, 2002, Portland, Oregon.
2002 Annual Conference
<http://www.asbpa.org/2002conf.html>

Coastal Environment 2002:
September 16-18, 2002, Rhodes, Greece
Conference will focus on such topics as: environmental management, oil slicks and spills, erosion and drift, sediment transport, remote sensing, pollution studies, water quality, air pollution, groundwater, and soil pollution.
Contact: Gabriella Cossutta, Conference Secretariat, Coastal Environment 2002, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA Phone: 44 (0) 238 029 3223; Fax: 44 (0) 238 029 2853; Email: gcossutta@wessex.ac.uk or visit: <http://www.wessex.ac.uk/conferences/2002/coastal02/index.html>

National Environmental Career Conference:
October 18-19, 2002, Boston, MA
Aimed at recent graduates and individuals interested in making career changes, this conference will offer more than 50 seminars, a two day career fair with public and private sector employers, and networking lunches. Contact: Blake Lucas, 179 South Street, Boston MA 02111; Phone: 617-426-4375; Fax: 617-423-0998; email: blucas@eco.org or visit: <http://www.eco.org/indexNECC.html>.

Coastal GeoTools:
January 6-9, 2003, Charleston, SC
The NOAA Coastal Services Center is hosting *Coastal Geotools*, January 6-9. Billed as the premiere spatial technology conference for coastal resource professionals. To be held at the Center in Charleston, SC. For more details go to: <http://www.csc.noaa.gov/GeoTools/>.

First International Conference on Maritime Heritage:
March 24 – 26, 2003, Malta
The International Conference on Maritime Heritage is a new initiative stemming from a series of conferences originating from the need to bring together different parties interested in issues of heritage and development at an international level. This conference focuses on the state of the art technology and the most up to date discoveries to be applied to the preservation of our maritime heritage. Organized by Wessex Institute of Technology, UK and University of Malta. For more info, visit: <http://www.wessex.ac.uk/conferences/2003/heritage03/>.

Coastal and Estuarine Habitat Restoration Conference: **April 13-16, 2003**, Baltimore, MD at the Hyatt Regency Inner Harbor Hotel.
Hosted by Restore America's Estuaries, this will be the first-ever national conference to focus solely on the goals and practices of coastal and estuarine habitat restoration. The purpose of the conference is to mobilize the coastal and estuarine habitat restoration community – including participants from the government, business, non-profit and education sectors – to advance our knowledge, pace and success in habitat restoration. For more info, go to: <http://www.estuaries.org./index.html>.

Coastal Zone 03: July 13-17, 2003, Baltimore, MD
The NOAA Coastal Services Center is hosting Coastal Zone 03, *Coastal Zone Management Through Time*, in Baltimore. For more details go to: <http://www.csc.noaa.gov/cz2003/>.

National Fish and Wildlife Foundation has three openings of interest:

Regional Director, Northeast Region

The Northeast Region is comprised of the following 8 states for which the Director of the Northeast Region (DNR) has primary responsibility: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont. The DNR occupies a senior management position within the Foundation and represents the Foundation for all regional contacts and activities. The DNR plans and implements regional programs, and allocates, through grant making, federal appropriations and other funds received by the Foundation. The DNR is also responsible for managing the regional budget, and for fundraising to support the Foundation's operating budget. The DNR supervises staff and ensures that regional activities are coordinated with, and contribute to, national program efforts of the Foundation.

Bay-Delta Grants Assistant

The Grants Assistant will be responsible for grants management and administrative support of NFWF's Bay-Delta Grant Program. The CALFED Bay-Delta Program is a multi-billion dollar effort to restore ecological health and improve water management in California's Central Valley. The program is overseen by the federal/state consortium of agencies known as CALFED, which is responsible for the long-term ecosystem restoration program plan of the San Francisco Bay and Sacramento-San Joaquin Delta. NFWF is currently managing about 100 ecosystem restoration projects for CALFED under this program totaling over \$100 million dollars, and will be involved in the CALFED Bay-Delta program for at least 3 years.

Project Assistant, Mid-Atlantic Region

The Mid-Atlantic Project Assistant position is an engaging program staff position with the National Fish and Wildlife Foundation. This position will involve an individual in all aspects of the Foundation's Mid-Atlantic Regional grant making program. Specifically, the Project Assistant is responsible for:

Providing support to and assisting with the planning and implementation of the Foundation's Mid-Atlantic Regional grant program, which is focused on the conservation of fish, wildlife, plants, and their habitats; and Undertaking projects of special need as determined by the Mid-Atlantic Project Coordinator and Regional Director.

For more info on these three opportunities, go to:

http://www.nfwf.org/emp_ops.htm.

The Trustees for Reservations in Massachusetts:

Superintendent - Cape Ann Management Unit

Location: Cape Ann - Manchester-by-the-Sea

Job Description: The Superintendent is responsible for the management and protection of a number of properties. The properties, which are open to the public, offer a wide diversity of natural features including forests, fields, fresh water wetlands, ocean shoreline and formal landscapes. The Superintendent reports to the Northeast Regional Director. With the Director, the Superintendent hires and directs all full and part-time employees. The Superintendent prepares a budget annually for each property and adheres to the budgetary guidelines set by The Trustees of Reservations (The Trustees). The Superintendent is responsible for the continuing maintenance, protection and security of all grounds, equipment and buildings. For more info, go to: <http://www.thetrustees.org/>.

Earthwatch has a number of job opportunities:

http://www.earthwatch.org/offices/vacancies_us.html.

World Resources Institute also has a number of openings:

<http://www.wri.org/joblist/index.html>.

News From The Board

As mentioned throughout this issue of TCS BULLETIN, The Coastal Society's 18th international conference was a resounding success. That success was due to the time, energy, and financial support of the individuals and institutions who helped plan and manage the conference as well as the moderators, participants and observers who animated the discussions that took place over the course of four days. It is perilous to specifically identify those who play an important role in any endeavor for fear of inadvertently leaving someone out. Casting fear aside, we would like to note our gratitude to the following folks who made it all possible.

TCS 18 Steering Committee

Tom Bigford, *NOAA/National Marine Fisheries Service*
Walter Clark, *North Carolina Sea Grant*
Ariel Cuschnir, *The Louis Berger Group, Inc.*
Sally Davenport, *Texas General Lands Office*
Helen Drummond, *Texas Natural Resource Conservation Commission's Galveston Bay Estuary Program*
Kristen Fletcher, *MS-AL Sea Grant Legal Program*
Sadie Gardner, *MS-AL Sea Grant Legal Program*
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