

**NATIONAL MARINE PROTECTED AREAS CENTER
 INFORMATION EXCHANGE FOR MARINE EDUCATORS
 APRIL 2004**

This update is provided as a service from the National Marine Protected Areas Center to share information pertinent to the marine educator community. It is intended to encourage exchange of information and programs. We hope that it will also promote collaboration among the different educators addressing similar issues in their programs. Please share this email with your colleagues and constituents. Contact me directly to discuss further enhancements or to contribute information for future issues. Please let me know if you wish or do not wish to receive future updates by sending **me** an email (**do not** "reply to all") at phyllis.dermer@noaa.gov.

The information included here has been compiled from many different sources, including SeaSpan, NSTA Express, edinfo at FREE, EE-NEWS @NAAEE, Creec-LA, EEinGEORGIA, and others. I have attempted to verify web addresses, but make no guarantee of accuracy. The Department of Commerce/NOAA does not necessarily endorse the views expressed or the facts presented on these sites. If you have trouble downloading some of the more interactive activities, try using Internet Explorer[®] instead of Netscape[®].

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MPA FACTS

National Marine Protected Areas Federal Advisory Committee Meeting

The Marine Protected Areas Federal Advisory Committee, managed jointly by the Department of Commerce and the Department of the Interior, will hold its third meeting April 6-8, 2004, Key Largo, Florida. Attendance is open to the public, but registration is required at the meeting site. Public comment periods are scheduled for April 6 and April 8. The Committee has formed subcommittees on the National System of MPAs, MPA Stewardship and Effectiveness, and National and Regional Coordination of MPA Efforts. For more information, check out <http://mpa.gov/fac/fac.html> .

Notable Addition to MPA Library

State Policies and Programs Related to Marine Managed Areas: Issues and Recommendations for a National System

The Coastal States Organization, in cooperation with the National Marine Protected Areas Center, conducted research and interviews related to state-level marine managed areas (MMAs) and the potential for future federal/state coordination within a national MPA system. This report characterizes existing MMA policies and programs at the state level; presents the potential implications of the proposed national system of MPAs for coastal states; and proposes recommendations toward an effective national MPA system for consideration by both state and federal officials. Please contact John Lopez at john.lopez@noaa.gov for more information. The direct link to this paper is at http://www2.mpa.gov/mpa/mpaservices/virtual_library/publications.lasso .

Davis, B., Lopez, J. and Finch, A., 2004, *State Policies and Programs Related to Marine Managed Areas: Issues and Recommendations for a National System*, Washington, DC

Main MPA Library URL:

http://www2.mpa.gov/mpa/mpaservices/virtual_library/virtual_library.lasso .

PROGRAM OF THE MONTH

City of Portland Wetlands Education

The City of Portland (Oregon) Environmental Services, in partnership with City of Portland Parks & Recreation, has been working for two years with all the 6th graders in the David Douglas School District to carry out wetlands investigations and restoration planting. They work with approximately 720 students each year with two mandatory field trips, and provide several optional classroom programs. All of the programs are free for the students, thus making environmental education totally accessible for this lower income area.

The students take the first field trip in the cold of the winter. They plant bareroot native plants, learn basic wildlife sign identification, and test water quality. Some winter days the creek approaches flood stage and they learn just how flashy an urban creek can be and the value of bringing back wetlands for flood management. In spring, they learn plant identification and soil testing in relationship to wetland delineation concepts. Pre-field trip classroom options include a *Riparian Restoration* program and *Water Quality Testing in the Classroom*.

The actual site is a 51-acre property purchased from sellers who were plagued by flooding from the creek. It is a wetland/riparian area that is in the district's neighborhood; the students do not need to travel long distances for their studies. On the outskirts of the city, the site has significant frog, deer, and coyote habitat and is on a migratory bird flyway. It is part of a larger project that the city is undertaking for flood management and improvement of water quality, fish, and wildlife habitat. Student restoration efforts are in areas that won't be radically sculpted for hydrology improvement.

For more information, check out http://www.cleanrivers-pdx.org/clean_rivers/index.htm . For further information of how they conduct the project and tools utilized for education, please e-mail lynnv@bes.ci.portland.or.us .

WEBSITE OF THE MONTH

Ridge 2000 Deep Sea Explorations

Ridge 2000 is a multidisciplinary science research program focused on integrated geological and biological studies of the Earth-encircling mid-ocean ridge system, funded by the National Science Foundation. Central to Ridge 2000 science is the recognition that the origin and evolution of life in deep-sea ecosystems are inextricably linked to the flow of energy and material from Earth's deep mantle, through the volcanic and hydrothermal systems of the oceanic crust, to the deep ocean. The Ridge 2000 program recognizes that the complex linkages between life and planetary processes at mid-ocean ridges can only be understood through integrated studies spanning a broad range of disciplines.

The website offers a wealth of materials and information. The expeditions webpage links to current and past research cruises, including upcoming Student Experiment At Sea (SEAS) Expedition to the East Pacific Rise, April 10-May 4, and the 2004 Dive and Discover Expedition to the Juan de Fuca Ridge, May 23-June 9, 2004. The classroom materials page contains links to classroom activities and curricula related to mid-ocean ridges, including materials developed for past cruises and links to other ocean research exploration materials.

SEAS is also a student competition. SEAS students submit their best ideas to a nationwide competition, and then the SEAS scientific community chooses the best of these ideas to take to sea. Once the experiments go to sea and data is posted to the website, all SEAS students can participate in the post-cruise analysis.

For more information, check out <http://www.ridge2000.com/index.html> .

REQUESTS

Looking for Environmental Monitoring Programs with K-12 Student Volunteers

Lynna Kauchek is a graduate student in Environmental Education at the Florida Institute of Technology. For her graduate research, she is preparing a comprehensive guide of environmental monitoring programs in the United States that involve K-12 students as volunteers, either specifically designed for K-12 students or those that allow their participation. The programs must focus on fish, birds, amphibians, mammals, insects, reptiles, or plants. Please contact her directly with information about any programs that may fit these criteria at lynnakauchek@yahoo.com .

Looking for Coastal Assessment Partners

The non-profit organization Environmental Protection In the Caribbean (EPIC) seeks partners in implementing a coastal assessment within the Lesser Antilles. The assessment is a standardized program designed by the U.S. Environmental Protection Agency, which quantifies certain parameters such as eutrophication, sediment loads, nutrient levels, and salinity. This study has already been completed along the entire Gulf of Mexico coast in the US and is being conducted in Puerto Rico and the US Virgin Islands. This is a preliminary search for interested parties so that a proposal could be drafted and submitted to various funding sources. For information about EPIC, check out <http://www.epicislands.org/> . For information about the project, please contact Natalia Collier ncollier@epicislands.org .

GRANTS AND OPPORTUNITIES

Earth Apple Awards

The Green Schools Earth Apple Awards Program is an annual year-long competition for any school that involves students in saving energy in the school building. Every school that enters is a winner. The awards program was established to recognize the achievements of schools in the US and abroad that have excelled in energy efficiency education. The top awards for elementary, middle, and high school levels go to schools that have saved energy, created innovative projects and activities, and involved many students in energy-saving activities. The application deadline is June 30, 2004. For more information, check out http://www.ase.org/greenschools/earth_apple.htm .

Great Lakes Habitat Network and Fund Special Opportunity Grants

Realizing that aquatic habitat protection efforts may not coincide with application timelines or the grant period for their grants program, and that many grassroots projects can be completed for under \$500, the Great Lakes Aquatic Habitat Network and Fund maintains a reserve to support urgent projects or those that present a special opportunity. Although the eligibility, overarching goal, types of activities funded, priority program areas, and evaluation criteria are the same as the Grants Program, Special Opportunity Grant requests are processed differently to ensure quick turnaround. For more information, check out <http://www.glhhabitat.org> .

National Fish and Wildlife Foundation Request for Proposals

The National Fish and Wildlife Foundation is requesting proposals for projects that assist organizations, such as Friends groups or non-profits organizations, in becoming effective co-stewards of the natural resources within the National Wildlife Refuge System. The program provides competitive seed grants (\$1,500 to \$5,000) to creative and innovative proposals that seek to increase the number and effectiveness of organizations interested in assisting the refuge system nationwide. The proposal deadlines are April 15 and September 15, 2004. For more information, check out <http://www.nfwf.org/programs/nwrgp.htm> .

National Ocean Scholar Program

The program offers funds to students interested in pursuing a career in the marine or coastal sciences. The criteria for applicants includes participation in any level of the National Ocean Science Bowl at least once during their high school career, a career goal in the ocean sciences or a marine related field, demonstrated academic success, and scheduled graduation from high school in 2004. The application deadline is April 15, 2004. For more information, check out <http://www.nosb.org> .

2005 Toyota TAPESTRY Grants

The program will award 50 grants of up to \$10,000 each and a minimum of 20 "mini-grants" of \$2,500 each to K-12 science teachers. Interested teachers should propose innovative science projects that can be implemented in their school or school district over a one-year period. Toyota TAPESTRY projects demonstrate creativity, involve risk-taking, possess a visionary quality, and model a novel way of presenting science. For more information, check out <http://www.nsta.org/programs/tapestry/index.htm> .

INTERNSHIPS AND TEMPORARY OPPORTUNITIES

Baltimore Ecosystem Study Internships

The Baltimore (Maryland) Ecosystem Study (BES) has four internships available for the spring and/or summer 2004. BES, a long-term ecological research program, is currently engaged in several educational programs and educational research projects. The internships, including one tied to state-mandated Meaningful Chesapeake Bay Experiences to students, will contribute to these ongoing efforts. Advanced undergraduate and graduate students as well as beginning professionals are welcome to apply. For further information check out www.parksandpeople.org and go to About Us→Employment Opportunities.

Hawaii Summer Field Course for Teachers and Students

Travel to Hawaii and learn with 24 middle school students and 24 science teachers. The field course will allow you to observe, investigate and discover the ecological, geological, botanical and oceanographic wonders of the Hawaiian Islands. From volcanoes to the Coconut Island Marine Biological Laboratory, study the unique flora, fauna and geology of Hawaii. Spaces are limited so register early. For more information or to register, contact Dr. Richard Boolootian at 818/981-3473, or rbooloot@mirman.org .

Summer Internship on Antigua

The Offshore Island Conservation Project, formerly known as the Antiguan Racer Conservation Project, seeks undergraduate or graduate students (biology students preferred) to assist with a 4-6 week ecological study on Antigua's offshore islands July-August 2004. Stipend, food, equipment, and accommodations are paid; students will be required to camp out for 5-day periods. Preference will be given to nationals of the Caribbean. The deadline for applications is April 16th, 2004. For more information, please contact Ms. Ingrid Sylvester at eag@candw.ag .

CONFERENCES, WORKSHOPS, AND PROFESSIONAL DEVELOPMENT

American Association for the Advancement of Science Annual Meeting

The AAAS annual meeting, *The Nexus—Where Science Meets Society*, will be held February 17-21, 2005, Washington, D.C. Proposals will be peer-reviewed; the deadline for submission is April 30, 2004. More than 15 theme tracks are listed on the website, including Teaching and Learning in Science. For more information, check out http://www.aaas.org/meetings/MPE_08_index_Prop.shtml .

American Zoo and Aquarium Association Annual Conference

The 2004 AZA Annual Conference, *What a Wonderful World: Our privilege to protect. Our legacy to preserve*, will be held September 18-23, 2004 in New Orleans, Louisiana, hosted by the Audubon Nature Institute. For more information, check out <http://www.aza2004.com/> .

AZA's Communiqué: A Focus on Oceans

The American Zoo and Aquarium Association's monthly journal, *Communiqué*, dedicated its January issue to the ocean. It features articles on challenges facing the ocean, solutions to ocean issues, how to effectively communicate for ocean conservation, the Census of Marine Life billion dollar study, and more. For more information, check out <http://www.aza.org/Publications/2004/01/> .

Best Education Practices for Water Outreach Professionals

The Best Education Practices Symposium, June 2-4, 2004, Madison, Wisconsin, engages national extension water quality coordinators, outreach professionals, and key stakeholders in fine-tuning Water Outreach National Facilitation Project products. The goal of the symposium is to assist natural resource professionals in meeting their water management education and outreach objectives. Symposium sessions will provide a mix of speakers, paper presentations, interactive events, poster sessions and networking opportunities. For more information, check out <http://www.uwex.edu/erc/waterbeeps/symposium.html> .

Coastal Zone Canada 2004

Coastal Zone Canada 2004, June 25-30, 2004, St. John's Newfoundland and Labrador, is an international conference on the theme of *All Within One Ocean: Co-operation in Sustainable Coastal and Ocean Management*. This conference will address the challenges of effective coastal zone management at local, regional, national, and international levels, and will present leading-edge tools and techniques for today's coastal zone managers and researchers. The Call for Papers included a discussion of programs, initiatives and issues related to capacity building for trans-boundary coastal ecosystems focused on education, training and awareness. For more information, check out <http://www.czca-azcc.org/index2.htm> .

Great Lakes Institute Teacher Workshop

Lake Michigan Federation, Indiana Dunes Environmental Learning Center, and Indiana Dunes National Lakeshore present the Great Lakes Institute Teacher Workshop, July 18-23, 2004. Participants will dive into the issues and ecology of this region's natural resources through hands-on exploration into the lake. Four nights will be spent on board the EPA's Lake Guardian Research Vessel and one night at the Learning Center. Teachers will get valuable materials and activities to incorporate into their classrooms including excerpts from the *Great Lakes In My World* curriculum. Citizen science projects will be the theme of this workshop, with activities from GLOBE, Adopt-a-Beach and the Midwest Clamwatchers projects. For more information, check out <http://www.nps.gov/indu/learning/duneducatorinstitutes.htm> .

International Fisheries Observer Conference

The 4th International Fisheries Observer Conference, November 8-11, 2004, Sydney, Australia, will bring together representation from the international fisheries and observer communities to address key fisheries observer issues. Submissions of observer program overviews (even from non-attendees) are due by July 2, 2004. They will be included as a special output entitled *Overviews of Fisheries Observer Programs throughout the World*, provided to all delegates at the conference. The program includes a session on balancing the roles of scientific data collection, compliance monitoring and education. For more information, check out <http://www.fisheriesobserverconference.com> .

Louisiana Universities Marine Consortium Scientist / Teacher Institute

Middle School Teachers (Grades 5-9) are invited to participate in LUMCON's summer program for teachers. LUMCON works with marine educators in Mississippi, Alabama, Florida, and Texas to offer a summer marine science course for teachers, CGOM-COSEE (Central Gulf of Mexico - Center for Ocean Sciences Education Excellence) Scientist/Teacher Institute. Learn about oceanography and spend a week developing a continuing relationship with a research scientist. The course includes a five-day residence component, June 20-25, plus 6 online sessions, July 8- August 13, 2004. Additional institutes will be held in 2004 in: Alabama, June 27-July 2, Florida, June 20-25, Louisiana, June 20-25, Mississippi, June 21-25, and Texas, June 13-18. Also, check the website periodically for more information about Informal Educator workshops coming in December. For more information, check out www.lumcon.edu/education/cosee .

NAAEE 2004 Annual Conference, Call for Presentations

The theme of the 2004 North American Association for Environmental Educators' conference, November 6-10, 2004, Biloxi, Mississippi, is *Casting a Wide Net for Environmental Education*. NAAEE seeks presentations that provide one or more of the following elements: insightful research findings, proven program models, skills

development, and dialogue facilitation along seven strands: Developing the EE Profession; The Business of EE - Leadership Development and Institution Building; What Research Has to Say to Environmental Educators; Cultural Diversity in EE Programs; Sustainability Education; Topical Smorgasbord: Watersheds and Forestry; and The "Open Mic" Strand. The deadline for submissions is April 30, 2004. For more information, check out <http://naaee.org/conferences/index.php> .

SECOSEE 2004 Ocean Leadership Institute

The SouthEast Center for Ocean Sciences Education Excellence (SouthEast COSEE) will hold the second Ocean Education Leadership Institute for school educators, June 25-July 1, 2004, Savannah, Georgia. Middle and high school science teachers from NC, SC, and GA are invited to apply. The focus is to build a greater understanding of the South Atlantic Bight, the southeastern seaboard between North Carolina and Florida. Teachers will be introduced to ocean science research in island dynamics and the physical and biological/ecological parameters of the South Atlantic Bight region, and develop and implement leadership skills necessary to share what they learn with their colleagues. They also will receive curricular materials and resources. For information, check out <http://www.scseagrant.org/se-cosee/education.htm> or contact Margaret Olsen, Institute Coordinator and SouthEast COSEE Education Specialist at olsen@uga.edu

Wetland Education through Maps and Aerial Photography (WETMAAP) Workshop

Teachers are invited to attend a free WETMAAP Workshop held the week of June 21-25, 2004. The workshop will be given twice, with each session lasting 2 ½ days. Both workshops will take place at the Florida Marine Research Institute and the USF College of Marine Science in St. Petersburg, with a field trip to the Manatee River. The workshop offers teachers an opportunity to discover the functions and values of wetland habitats, as well as learn the basics of wetland mapping, aerial photography, airborne and shuttle imagery, topographic maps, and GIS technology. In addition, educators will learn how they can integrate wetland issues, maps, and images into their existing curriculum. Materials and resources will be provided. For more information, check out <http://www.tbep.org/media/wetmaap.html> .

EDUCATIONAL RESOURCES

The Big Blue Bus from Fisheries and Oceans Canada

The Big Blue Bus is Fisheries and Oceans Canada's Kids Corner with all kinds of activities, contests, and facts. This site has features such as the Water Wizards Club, the Creature Feature, Small Fry Club, a monthly contest, vocabulary, and much more. Among the many offerings, kids can learn about clean water sources, climate change, invasive species, and marine protected areas. For more information, check out http://www.dfo-mpo.gc.ca/canwaters-eauxcan/bbb-lqb/index_e.asp .

California Roots & Shoots Festival

The renowned primatologist, conservation activist and UN Messenger of Peace, Jane Goodall, will celebrate her birthday at the Huntington Library, Art Collections and Botanical Gardens, San Marino, California, April 3, 2004, as guest speaker at this family festival. The daylong event is designed to increase young people's awareness of their role as the Earth's caretakers. In addition to student exhibits, the program will include live animals, multicultural music and dance, international children's art, craft activities,

storytelling and displays by local conservation groups such as TreePeople and Heal the Bay. For more information, check out <http://www.huntington.org/> .

Coral Reef Film Materials

The Great Barrier Reef Marine Park Authority (GBRMPA) worked with Disney Pixar[®] To develop a CD of educational materials related to the film *Finding Nemo*. You can download many of these materials directly from the website, including a study guide and a number of activity sheets at <http://www.FindingNemo.com.au> . The CD also contains "Fishy Facts" – short videos presenting basic life history information using clips from the movie. The GBRMPA ReefEd website also has many curricular materials, set to Australian educational standards www.reefed.edu.au . The MacGillivray Freeman Films[®] *Coral Reef Adventure* Teacher's Guide has other film-related educational materials which can be downloaded at <http://www.coralfilm.com/edu.html> .

E-Field Trips on Invasive Species, Alaskan Coast Invertebrates, and Shorebirds

During April 2004, the National Wildlife Refuge System is offering the eFieldTrip titled, *Invasive Species: America's Least Wanted!*, geared toward 4-6th grade students. Students will have the opportunity to learn about invasive species and why they are a menace. The eFieldTrip has four interactive components allowing students to complete the program at their own pace. There is no cost for schools or students to participate. Details about other field trips will be posted soon. For more information, check out http://www.efieldtrips.org/Schedules/schedule_0404.cfm .

Energy for Keeps – Electricity From Renewable Energy

Energy for Keeps is a comprehensive renewable energy publication for middle and high school education that covers the history, availability, impacts, technologies, and management of the resources that are used to generate electricity. Activities have been correlated to National Science Standards. It is available as a free download from the producers, Educators for the Environment. For more information, check out <http://www.energyforkeeps.org/> .

Environmental Education Program, Lee County

The Environmental Education Program, School District of Lee County, Florida, stretches from the shell-strewn beaches of Sanibel Island to the deep green of Six Mile Cypress Slough. The long history of the program includes national recognition and awards from the National Science Teachers Association as one of the ten best Environmental Education programs in the US. Special components of the program include the Aquatic Systems/ Mosquito Control program, Estuary Animals and Mudflats field trip, and Six Mile Cypress Slough wet field trip. For more information, check out www.lee.k12.fl.us/dept/ee/ .

ESRI Map Book Offer

ESRI, a GIS software company, is offering copies of the ESRI Map Book Volumes 16 and 17 for the cost of shipping only, \$3.00 per book. Teachers who are thinking about using GIS in their classroom may find information from these books valuable. Volume 16, *Geography--Creating Communities*, reproduces color digital maps produced in 2000. It includes images of seafloor topography, geologic analysis of Mars and Venus, and more. Volume 17, *Geography and GIS--Sustaining Our World* features stories from more than 20 disciplines. You may obtain as many of either or both ESRI Map Books 16 and 17 as you like, for the cost of shipping, while supplies last. For more information, contact Beth Manion at bmanion@esri.com or call (909) 793-2853, extension 1-1887.

FishBase

FishBase, developed by the WorldFish Center in collaboration with the UN Food and Agriculture Organization (FAO), is a global source for research on living aquatic resources. The site contains information on 28,400 fish species, as well as 35,900 pictures and 32,800 references. Check out the quiz section. For more information, check out <http://www.fishbase.org/home.htm> .

Ocean Alaska Science and Learning Center

The Ocean Alaska Science and Learning Center, a partnership dedicated to understanding and preserving the marine ecosystem connecting Alaska's National Parks through research and education, announces the launch of its new web site. The site has information, images, video clips, and audio clips related to marine research in Alaska's National Parks. Also, review the Request for Proposals. For more information, check out <http://www.oceanalaska.org> .

Ocean Exploration: H.M.S. Challenger and Beyond

Join the College of Exploration's Challenger Team under the sponsorship of NOAA's Office of Ocean Exploration for this upcoming virtual workshop, April 19-May 7, 2004. Dialogues with colleagues and experts will explore topics from the mid-19th century history of ocean exploration, current expeditions, and a glimpse into the future of ocean exploration. For more information, check <http://www.coexploration.org/oe2004> .

Outstanding Science Trade Books for Students K-12

The National Science Teachers Association, in conjunction with the Children's Book Council, releases an annual list of outstanding science books for Students. The 2004 list is out and includes books on marine-related topics. Each entry includes a brief description of the book, the name of the publisher and current price, and recommended reading levels. For more information, check out <http://www.nsta.org/ostbc> .

Seabird Aware Brochure

As animals of the open ocean, seabirds are important allies in the effort to conserve ocean environments. To encourage kayakers, pilots, fisherman, and others to respect the sensitive nature of seabirds, PRBO Conservation Science has developed a brochure that identifies the problem of disturbance to seabirds and simple solutions that can reduce human impact. Protecting seabird populations will help us maintain a pulse on our fisheries while keeping California's coast wild; this brochure and website will help to prevent disturbance to seabirds during the sensitive breeding period. For more information, check out www.prbo.org/seabirdaware .

Science, Education, and Marine Archeology Program in Portugal (SEMAPP)

The Ocean Technology Foundation offers a submersible diving expedition to explore Portimao Canyon off the coast of Portugal from April 12-19, 2004. They will study the biodiversity and geology of the canyon and look for 14th-18th century shipwrecks from the Age of Exploration. The web offerings will include "Ask the Explorers," daily logs, and questions related to the expedition that can be turned into lessons for your students. For more information, check out <http://www.oceantechnology.org/semapp.htm> .

SimForest

Not quite marine, but too good to miss: SimForest is an NSF-funded project aimed at developing simulation-based software to support inquiry learning. It enables students to

plant more than 30 kinds of trees and then choose the environmental factors that affect their growth, such as rainfall, temperature, and soil conditions. The down-loadable software and materials are intended for biology and ecology classes in grades 7-12. Teacher and professional development materials are included. For more information, check out <http://ddc.hampshire.edu/simforest/> .

INITIATIVES and JOURNALS

Graduation Pledge of Social and Environmental Responsibility

The Graduation Pledge of Social and Environmental Responsibility states, "I pledge to explore and take into account the social and environmental consequences of any job I consider and will try to improve these aspects of any organizations for which I work." Students at over a hundred colleges and universities, ranging in size from Whitman to Harvard, have used the pledge at some level. For more information, check out <http://www.graduationpledge.org/> .

NAAEE Communicator

The NAAEE *Communicator* seeks articles for each issue of its 2004 calendar year. Articles should briefly describe the environmental education project, its goals, results, and next steps. Articles should be 350 - 750 words long. The deadlines for submission are April 9, June 4, August 20, and November 12, 2004. For more information, contact Joanne Lozar Glenn at communicator@naaee.org .

World Environment Day

World Environment Day, commemorated each year on June 5, is a principal vehicle through which the United Nations stimulates worldwide awareness of the environment and enhances political attention and action. This year's theme is *Wanted! Seas and Oceans – Dead or Alive?*, and the host nation will be Spain. World Environment Day is a people's event with colourful activities such as street rallies, bicycle parades, green concerts, essays and poster competitions in schools, tree planting, as well as recycling and clean-up campaigns. A down-loadable poster is available in six languages. For more information, check out <http://www.unep.org/wed/2004/> .

World Ocean Day

The annual World Ocean Day, June 8, 2004, is fast approaching. The Ocean Project has established a North American World Ocean Day planning committee in an effort to coordinate efforts, develop and suggest awareness-raising tools, resources, and activities, and establish an annual theme. Please let them know what you are planning so they can highlight your organization on their WOD website. They are coordinating their efforts with World Environment Day. For more information, check out <http://www.theoceanproject.org/news/oceanday.html> .