

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
INFORMATION EXCHANGE FOR MARINE EDUCATORS

NOVEMBER 2006

This update is provided with support from NOAA's Office of Education and by 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. If you request materials or respond to a request for information, please mention that you learned about it from NOAA's Information Exchange.

The information included here has been compiled from many different sources, including EE-NEWS@NAAEE, EEinGEORGIA, CREEC, the Scout Report, edinfo at FREE, scuttlebutt, NSTA Express, and others. We have verified web addresses, but make no guarantee that they will remain active. The Department of Commerce/NOAA does not necessarily endorse or promote the views or facts presented on these sites.

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Collected archives of the information presented in past newsletters are available at http://mpa.gov/helpful_resources/education_training.html. Contact the editor directly at phyllis.dermer@noaa.gov, or by phone at (865) 932-5074, to discuss further enhancements or to contribute information for future issues.

Notable Reference

A Reef Manager's Guide to Coral Bleaching

While the fate of coral reefs will be determined by a variety of stressors including the rate and extent of climate change, the new report, *A Reef Manager's Guide to Coral Bleaching*, offers reef managers information that can maximize the resilience of reefs to coral bleaching. The guide provides information on the causes and consequences of coral bleaching along with management strategies to help local and regional reef managers reduce bleaching threats to coral reef ecosystems. The downloadable report has been produced by NOAA, the Australian Great Barrier Reef Marine Park Authority, and the IUCN, and includes contributions from over 50 experts in coral bleaching and coral reef management from 30 organizations.

Marshall P.A. and Schuttenberg, H.Z. (2006). A Reef Manager's Guide to Coral Bleaching. Great Barrier Reef Marine Park Authority, Australia (ISBN 1-876945-40-0)

http://www.coris.noaa.gov/activities/reef_managers_guide/welcome.html

INITIATIVE OF THE MONTH

Online Access to Research in the Environment

Online Access to Research in the Environment, an international public-private consortium coordinated by the United Nations Environment Programme, Yale University, and leading science and technology publishers, enables developing countries to gain free access to one of the world's largest collections of environmental science literature.

Over one thousand scientific journal titles owned and published by over 200 prestigious publishing houses, scholarly societies, and scientific associations are now available free in low income countries, including Madagascar, Viet Nam, Papua New Guinea and others, and for low-cost access in others, including Jamaica, Western Samoa, and others. Another 36 countries will be added by 2008. Research is provided in a wide range of disciplines, including biotechnology, botany, climate change, ecology, energy, environmental chemistry, environmental economics, environmental engineering and planning, environmental law and policy, environmental toxicology and pollution, geography, geology, hydrology, meteorology, oceanography, urban planning, zoology, and many others.

<http://www.oaresciences.org/en/>

WEBSITE OF THE MONTH

Sea Turtle Migration-Tracking and Coastal Habitat Education Program

A program of Caribbean Conservation Corporation (CCC), this Sea Turtle educator's guide provides information about sea turtle natural history, coastal habitat ecology, high technology research, and conservation efforts to protect sea turtles and their habitats. The guide can be used as a reference to teach sea turtle biology and coastal ecology and offers marine background material and lesson plans. Using the guide, teachers can teach their students about sea turtle biology, navigation and migration, the threats sea turtles face, and what must be done to protect them. The guide is downloadable for free in English and Spanish (registration is required). The entire website offers loads of information and material for teachers and students.

<http://www.cccturtle.org/satellitetracking.php?page=educatorsguide>

MESSAGE FROM THE BRIDGE

Ring in Oyster Season

The Bridge features a series of Data Analysis Teaching Activities (DATAs) that can be used to supplement curriculum materials. As the holiday season approaches, many households prepare by dusting off their favorite oyster recipes. Commonly thought of as only being edible in months that include an "r," oysters are typically now available and safe to eat year round. However, sometimes, due to poor water quality or improper handling, oysters can pose a serious health risk to those that partake in these tasty mollusks. The Bridge DATA, On the Half Shell, explores *Vibrio vulnificus*, a virulent

bacterium that occurs naturally in warm coastal waters. Students will examine five years of Centers for Disease Control data to explore the dangers associated with improperly handled seafood.

On the Half Shell http://www.marine-ed.org/bridge/index_archive1204.html

The Bridge <http://www.marine-ed.org/bridge>

REQUESTS

Bridge is Looking for Your Favorite NOAA Online Resources

The Bridge and NOAA have partnered to create a special NOAA collection on the Bridge. With over 130 NOAA educational resources already on the Bridge, they are looking for more. Please send your favorite NOAA online resource to Chris Petrone, Bridge Outreach Coordinator, at petrone@vims.edu

GRANTS AND OPPORTUNITIES

Albert I. Pierce Foundation Grants

The Albert I. Pierce Foundation supports the environment and the arts and will accept applications for community-based projects in the areas of arts, education, environment or a combination of these three focus areas. The deadline for application is November 15, 2006.

<http://www.aipfoundation.org/>

Armada Project

The Armada Project offers the opportunity for K-12 teachers to actively participate in ocean, environmental, and polar research and peer mentoring. Chosen Master Teachers (with five or more years of teaching experience) will spend one to three weeks during the summer participating in research around the globe. The deadline for application is February 5, 2007.

<http://www.armadaproject.org/application.htm>

A Better Earth Fall Essay Contest

The Fall 2006 aBetterEarth Essay Contest encourages full-time graduate or undergraduate students to submit insightful, well-reasoned essays that address the topic of the Endangered Species Act. The deadline for entry is December 1, 2006.

<http://www.abetterearth.org/About/pageID.961/default.asp>

CICEET Funding

The Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET) invites proposals to its Environmental Technology Development Program. This program offers support for the development, demonstration, and application of tools to detect, prevent, and reverse the impacts of coastal pollution and habitat degradation to coastal ecosystems and communities. Proposals may be for technologies to assess human health risks at swimming beaches; land use planning tools to improve coastal and estuarine environmental quality; or general environmental technology development/demonstration projects. The deadlines for proposals are between December 12-18, 2006.

http://ciceet.unh.edu/rfp_2007

Einstein Fellowship

The Albert Einstein Distinguished Educator Fellowship is a paid fellowship for K-12 math, science, and technology teachers. Einstein Fellows spend a school year in Washington, DC serving in a federal agency or on Capitol Hill. The fellowship is intended to support the intellectual and professional development of teachers who have a sincere desire to contribute their expertise of and be involved in the advancement of science, mathematics, and technology education. The application deadline is January 8, 2007.

<http://www.trianglecoalition.org/ein.htm>

Environmental Literacy Grants for Free-choice Learning

NOAA's Office of Education offers funding for environmental literacy projects in support of free-choice learning. Funded projects will create new, or capitalize on existing, networks of institutions, agencies, or organizations to provide common messages about key concepts in Earth System Science. Projects may include public literacy campaigns, kiosks or traveling exhibits, and/or the revision of existing programs that would be made available at multiple venues. Pre-proposals are due November 29, 2006; full proposals are due March 21, 2007.

http://www.oesd.noaa.gov/funding_opps.html

Environmental Literacy Grants for K-12 Education

NOAA's Office of Education offers funding for environmental literacy projects in support of K-12 education. Funded projects will promote changes in K-12 education to expand the amount of Earth System Science taught in the classroom and improve student learning of that subject. Projects considered might focus on professional development for educators and/or the development or modification of K-12 curricula and related instructional materials. All projects shall employ relevant strategies articulated in the NOAA Education Plan. Pre-proposals are due November 29, 2006; full proposals are due March 21, 2007.

http://www.oesd.noaa.gov/funding_opps.html

EPA Greater Research Opportunities Fellowships

The EPA Greater Research Opportunities Fellowships for Graduate and Undergraduate Environmental Study offers fellowships for students in the environmental fields of study. The deadline for pre-applications is November 15, 2006 and November 29, 2006, respectively.

<http://es.epa.gov/ncer/fellow/>

Funders Forum - California

The Funders Forums provides nonprofit directors, school administrators, teachers, grant-writers and others with detailed information on the grant application process, directly from the corporations and foundations that fund education related proposals and programs. Educate LA will host the next Southern California Education Funders Forum in Culver City, California on December 6, 2006.

<http://www.educatela.org/fundbrkfst.htm>

International Polar Year Education and Public Outreach

NASA offers the Research Opportunities in Earth and Space Science (ROSES) program and has announced an opportunity to further International Polar Year (IPY) education and outreach. They are soliciting proposals to engage, inform, and inspire diverse public audiences by sharing knowledge about polar science and its global connections during

IPY and by communicating NASA's unique contributions to recent advances in Arctic and Antarctic research and climate science. See the website for full details. Proposals are due January 8, 2007.

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solld={307FF8D5-59A9-E2E0-0637-6ED8AB166C4F}&path=open>

NOAA Ship-Naming Contest

NOAA's latest ship-naming contest is open for students in grades 6-12 in the states of California, Oregon, and Washington. This is the fourth fisheries research vessel to be built for NOAA since 2003 and the ship will directly support the primary goals of the NOAA Fisheries Service. The deadline for entry is December 15, 2006.

<http://www.education.noaa.gov/shipname/rules.html>

P3 Award – Student Design Competition for Sustainability

This national student design competition for sustainability focuses on people, prosperity, and the planet. The P3 Award competition encourages student teams to achieve mutual goals of economic prosperity while protecting the natural systems of the planet and providing a higher quality of life for its people. Teams will address an environment issue while providing economic opportunities and maintaining economic growth. This year's teams might work on developing alternative energy sources, providing clean water to rural communities, new methods of recycling, novel options for green buildings, designing sustainable buildings, and more. The deadline for application is December 21, 2006.

<http://es.epa.gov/ncer/p3/>

Solar Schools Program - California

The Pacific Gas and Electric Company Solar Schools Program provides funding to support public schools in underserved communities in northern and central California. Grants support the involvement of eligible schools for the installation of solar generation systems for educational use, solar-based curriculum and professional development, and Bright Ideas grants for solar science projects.

<http://www.pge.com/solarschools/>

Texas Environmental Excellence Awards

The Texas Environmental Excellence Awards reward efforts of citizens, communities, businesses, and organizations to preserve and protect the Texas environment. The mission of the program is to honor the state's most outstanding waste reduction and pollution prevention projects that protect human and natural resources and ensure clean air, clean water, and the safe management of waste. Hurry – the deadline for submission is November 10, 2006.

<http://www.teea.org/>

Thacher Scholars Award

The Institute for Global Environmental Strategies offers the Thacher Scholars Award for high school students. Prizes will be awarded to students (grades 9-12) designing and conducting the best projects using satellite remote sensing of the Earth. The deadline for entry is April 2, 2007

<http://www.strategies.org/education/index.aspx?sub=education&sub2=scholars&sub3=scholars2007>

INTERNSHIPS AND TEMPORARY OPPORTUNITIES

Alaska SeaLife Center Education Internships

The Alaska SeaLife Center is currently recruiting for interns for the Education Department. These internships are for February 5-June 15, 2007. The Alaska SeaLife Center offers complimentary housing and a small food stipend to all interns participating in the program.

<http://www.alaskasealife.org/New/about-ASLC/internship-program.php>

Community-Based Restoration – Louisiana

The Barataria Terrebonne National Estuary Program is teaming up with partners to offer a community-based restoration vegetative planting field trip for kids and families, November 18, 2006 in Leeville, Louisiana. Participants will plant marsh plants to help hold together the newly pumped site near the Leeville Bridge. Because of the mucky nature of this site, this outing is better suited to teenagers and adults in smaller numbers working from boats and/or the shoreline.

Contact Joni Blanchard at (985) 447-0838 or joni@btnep.org

<http://volunteer.btnep.org>

CONFERENCES, WORKSHOPS, AND PROFESSIONAL DEVELOPMENT

American Cetacean Society International Conference

The American Cetacean Society hosts the 10th international conference, *Whales Without Borders*, November 10-12, 2006 in Ventura, California. The theme highlights the fact that most large whale species migrate thousands of miles, crossing international boundaries, between their breeding and feeding grounds.

<http://www.acsonline.org/conference/index.html>

American Institute of Fishery Research Biologists Symposium - Washington

The American Institute of Fishery Research Biologists is celebrating its 50th anniversary with an International Fisheries Symposium, *Future of Fishery Science in North America*, February 13-15, 2007 in Seattle, Washington. Abstracts are due November 15, 2006.

http://www.aifrb.org/symposium_home.htm

Applied Environmental Education Program Evaluation – Online

The 11-week on-line course, Applied Environmental Education Program Evaluation, will be offered February 19–May 4, 2007 through the University of Wisconsin-Stevens Point. This course was developed as a cooperative effort between the Environmental Education and Training Partnership (EETAP) and the U.S. Fish and Wildlife Service National Conservation Training Center. The course is designed to assist environmental educators and natural resource professionals in evaluating their education programs. Participants have the opportunity to develop and apply skills in designing evaluation tools such as surveys, observation forms, and interview and focus group guides. The deadline for registration is January 19, 2007.

<http://www.uwsp.edu/natres/rwilke/eetap/>

Climate Discovery Courses for Educators - Online

The National Center for Atmospheric Research offers distance learning courses that build upon their face-to-face professional development workshops. Climate Discovery is a series of six-week courses for middle and high school educators that aims to enhance

teacher qualifications, competency, and self-confidence in integrating Earth system science, climate, and global change the science classroom.

<http://ecourses.ncar.ucar.edu/>

EE and Diversity Workshops

EETAP and Intercambios offer professional development diversity workshops for environmental educators. The workshops explore multicultural issues as they occur in the real world of environmental education through case study discussion. Participants explore the intersection of EE and cultural diversity and identify steps that can be taken to make one's own organization and program more inclusive and culturally diverse.

<http://eetap.org/html/workshops.php>

Fundamentals of Environmental Education Online

The 10-week Fundamentals of Environmental Education online course, developed by EETAP in collaboration with national EE experts, will be offered February 5–April 20, 2007. The course is appropriate for both classroom teachers and for non-formal educators who work with students and/or teachers. The course provides educators with the knowledge and skills necessary to incorporate quality environmental education into their instruction. Participants discuss the history, definition, and goals of environmental education; develop an understanding of the professional roles and instructional methods of environmental educators; and interact with other educators from across the country. The deadline for registration is January 5, 2007.

<http://www.uwsp.edu/natres/rwilke/eetap/>

Gulf of the Farallones National Marine Sanctuary Teacher Workshops - California

The Gulf of the Farallones National Marine Sanctuary provides opportunities for teachers and educators to learn about ocean concepts, student monitoring projects, and current research related to the Gulf of the Farallones through the Farallones Marine Sanctuary Association's teacher workshops. The workshops and seminars are free and K-12 teachers will receive stipends for their attendance. Upcoming workshops in spring, 2007, include rocky intertidal and sandy beach monitoring, intertidal invertebrate ecology, and sand and other geologic processes.

http://farallones.org/education/teacher_workshops.php

Humpback Whales Workshops – Hawai'i

The Hawaiian Islands Humpback Whale National Marine Sanctuary is offering a series of free workshops in November to learn about humpback whales, Hawaiian culture, marine life, geology, stewardship and ocean safety. Workshops will take place in Kihei and Lahaina.

Contact Emily Carlson at (808) 879-2818 or emily.carlson@noaa.gov

NAAEE Annual Conference and Research Symposium

The North American Association for Environmental Education Annual Conference and Research Symposium will be held November 14-17, **2007** in Virginia Beach, Virginia. The theme of the conference is *Explore New Horizons for Environmental Education*. The conference strands are Sustainability; Conservation and Community Education; EE Leadership Skills; Schools, Education, Achievement, and Literacy; and Joining Forces: Environmental Justice, Health, and Education. Sessions that are relevant and inclusive of business, researchers, and Spanish/French speakers will be included in every strand. The deadline for submission of abstracts is January 31, 2007.

<http://www.naaee.org/conference>

Watershed Course - Online

Watersheds: Connecting Weather to the Environment is a primer on how weather events relate to the health of a watershed, and how the public can take simple actions to protect watershed health. The course is produced by the Cooperative Program for Operational Meteorology, Education & Training (COMET) and National Environmental Education & Training Foundation (NEETF).

<http://www.meted.ucar.edu/broadcastmet/watershed/>

EDUCATIONAL RESOURCES

Arctic and Antarctic Activity Book

NOAA's National Centers for Coastal Ocean Science offers the Arctic and Antarctic Activity Book in their ongoing series of regional children's activity books. The series' goal is to begin the process of forming an environmentally aware citizen population, and encourage future careers in marine sciences. This activity book, produced for the International Polar Year of 2007-2008, is for K-5th graders. The 25 page book is filled with information about both poles, along with facts, drawings, mazes, find-a-word puzzles, connect-the-dots, and other activities about organisms and life in the coldest areas of the world.

<http://www.coastalscience.noaa.gov/education/welcome.html>

Armada Project Classroom Activities

The Armada Project, funded by the National Science Foundation, provides K-12 teachers an opportunity to actively participate in ocean, polar, and environmental science research. Their website offers downloadable classroom activities and background information about sea level rise, population ecology, benthic infauna, and more.

<http://www.armadaproject.org/downloads.htm>

Breaking Waves

The World Ocean Observatory offers Breaking Waves, an online ocean news service. Features and articles on ocean and water-related issues are chronologically compiled from daily searches of more than 150 news and information sources around the globe. The newsletter encompasses a vast array of ocean and water issues, including conservation, marine and aquatic biology, climate change and weather, ocean energy, pollution and health threats, fresh water, commerce and transportation, governance, ocean exploration, research and mapping, underwater archaeology, ocean oddities, maritime history, culture, and traditions. A monthly digest is also offered free of charge. Don't forget to check out the World Ocean Observatory's education offerings under Ocean Classroom and the information about maritime history and culture under Cultural Ocean.

<http://www.thew2o.net/oceanForum.html>

Climate Change UNEP Portal

Established as part of the United Nations Environment Network, this website serves as a portal for resources that deal specifically with climate change. Navigation is aided by the left-hand side of the homepage, with a Key Issues area offering a set of resources that provide introductions to the topic, along with sections on the overall environmental,

social, and economic implications of climate change. Featured Resources leads to many good resources, including common questions, a student guide, and more.

<http://climatechange.unep.net/index.cfm>

Coral Literature, Education and Outreach Program

The Coral Literature, Education and Outreach (CLEO) Program offers educational modules developed primarily for middle school classes. Each module consists of three segments: background information of the science behind the instrument, a classroom experiment, and a teacher's section. Students will be engaged to plot and manipulate the data, and to witness events live on the Internet via a Coral Cam. Links to further reference and educational materials are also available.

<http://www.coral.noaa.gov/cleo/education.shtml>

Education Evaluation

The National Marine Sanctuary Program has launched a new website focused on the evaluation of environmental and marine education programs. The website includes information on how to create program evaluation plans, plan samples, tools and techniques for evaluation, an evaluation glossary, and more.

<http://sanctuaries.noaa.gov/education/evaluation>

Exploratorium Webcast from the South Pole

The Exploratorium, a hands-on museum in San Francisco, will host a series of webcasts from the South Pole where astrophysicists and engineers are installing a new 10-meter telescope. The webcasts begin November 25, 2006 and continue through the end of December. More information will be posted on the website closer to the air date. For more information, visit the Exploratorium's calendar of upcoming events. They also offer an e-newsletter to stay informed of Exploratorium webcasts and other events. The Digital Assets Archive offers digitized museum materials related to interactive exhibits and scientific phenomena, including images, educational activities, QuickTime movies, and more.

<http://exploratorium.edu/index.html>

French Frigate Shoals Expedition Archive

The Census of Marine Life, Census of Coral Reefs Expedition to French Frigate Shoals from October 2006 can be viewed on the Northwestern Hawaiian Islands Multi-Agency Education Project website. You can still follow along on this research expedition to one of the healthiest and least disturbed coral atolls in the world, French Frigate Shoals in the Northwestern Hawaiian Islands, part of the newly created Northwestern Hawaiian Islands Marine National Monument. Read the ship logs, journals, and scientist interviews. There's plenty of other information, including maps, photos and more.

<http://www.hawaiiatolls.org/research/CoML/index.php>

<http://www.creefs.org/>

Global Warming 101

The Will Steger Foundation is dedicated to creating programs that foster international leadership and cooperation through environmental education and policy. An on-line initiative, Global Warming 101, promotes change through education and advocacy, hoping to raise broad public awareness about global warming as witnessed through Will Steger's polar expeditions. The website includes educational information and materials, a discussion forum, and more.

<http://www.globalwarming101.com/>

Keep Oceans Clean Campaign

A multi-media public service ad campaign designed to educate, energize, and excite, this campaign aims to encourage everyone to protect the oceans from the harm caused by marine debris. The website includes links to educational materials and background information.

<http://www.keeпоceansclean.org>

Listen: Making Sense of Sound

The Exploratorium, a hands-on museum in San Francisco, offers a set of online activities giving users the opportunity to listen closely to the particular sounds of the natural world. Listening Guides include suggestions about listening to wildlife, urban environments, and more. The Online Activities sections lets users practice new ways of listening and test their skills.

<http://www.exploratorium.edu/listen/index.php>

Nonpoint Source Pollution Articles and Activities

The EPA offers a series of articles and activities about nonpoint source pollution for middle school students. The downloadable materials include background information and links to further information.

http://www.epa.gov/owow/nps/nps_edu/index.html

Ocean Acidification Webcast

The World Ocean Observatory offers information, education and public discourse about the ocean. Its intent is to communicate the full spectrum of ocean issues - climate, conservation, biology and ecology, fresh water, food, energy, commerce and transportation, public health, finance, governance, recreation and culture - to citizens worldwide as a realization that the sea connects all things. Join them for their first online webcast, on Ocean Acidification, November 13th-14th, 2006. This is an opportunity for students, educators, and interested individuals to participate in an ongoing series of global online events to explore ocean issues.

RSVP to info@thew2o.net for log-on instructions.

<http://www.thew2o.net/>

Oceans for Life Resources

The National Geographic EdNet Oceans for Life website offers a wide selection of news articles, weather resources, maps, photos, teacher guides, interactive media activities and more. The materials can be browsed by category or alphabetically, or searched by key word. Video clips can be used in conjunction with associated lesson plans.

Educators can also get a year's subscription to National Geographic magazine for a sharply discounted rate.

http://www.ngsednet.org/community/index.cfm?community_id=128

The Search for Trouvadore

This website from NOAA's Ocean Explorer offers insight into the July 2006 research and exploration cruise to seek the final resting place of Trouvadore, a Spanish slaver that wrecked offshore of East Caicos island 165 years earlier, bringing the direct ancestors of some of today's modern inhabitants to the islands. The website includes background information about slave trade and the ship's history.

<http://oceanexplorer.noaa.gov/explorations/06trouvadore/welcome.html>

Visualizing Dock Growth

Permitting of residential docks and piers is a contentious issue in many coastal areas. The NOAA Coastal Services Center's new website, Visualizing Dock Growth, will help coastal communities better understand, visualize, and manage the cumulative impacts of dock and pier growth in waterways. The website features 3-D visualizations of various scenarios at a real-life study area, outreach materials, and more.

http://www.csc.noaa.gov/dock_growth/index.html

INITIATIVES, JOURNALS, and MORE

Ecosystem-Based Management Tools Network

The Ecosystem-Based Management (EBM) Tools Network is an alliance of EBM tool developers, practitioners, and training providers, including NOAA, Duke University, The Nature Conservancy, National Center for Ecological Analysis and Synthesis, and others. The goals of the network include developing a knowledge base of coastal-marine EBM tools, increasing information about, access to, and honest evaluation of EBM tools, and others. Website visitors can search for tools, sign up for updates to the website, check out funding or training opportunities, and more.

<http://www.ebmtools.org/>

Seas the Day Conservation Calendar

The 2007 Seas the Day conservation education and action calendar is available from The Ocean Project. It helps one strengthen their connection with our ocean through inspiring underwater imagery and monthly tips on simple ways to take action. The calendar is available at wholesale rates for Ocean Project Partners and their staff.

<http://theoceanproject.org/seastheday/order/index.htm>

Sea Aggie Preview for Prospective Students - Texas

The Office of Student Relations of the Texas A&M University at Galveston (TAMUG) is holding its Fall Sea Aggie Preview, November 16-17, 2006 on Pelican Island, Texas. This is an opportunity for prospective university students and parents to visit the campus to learn all about the opportunities at TAMUG to study ocean-oriented academic programs in transportation, science, engineering, business and liberal arts at the by-the-sea campus. Research and public service, as well as most student activities, involve the Gulf of Mexico and Galveston Bay, which border the island campus.

<http://www.tamug.edu/admrc/preview/Sea%20Aggie%20Preview/index.htm>

World Wetlands Day

February 2, 2007 is World Wetlands Day. The Ramsar Convention's website has posted reports from more than 90 countries of past activities, from lectures and seminars, nature walks, children's art contests, to new programs at the national level throughout the world. The Ramsar Secretariat offers a new selection of posters, stickers, videos, pocket calendars, leaflets and information packs free of charge each year. The 2007 theme is *Fish for tomorrow?*

http://www.ramsar.org/wwd/wwd_index.htm