

## MAP REGIONAL AND NATIONAL NETWORKING – SEA GRANT PROGRAM LINKAGES (2001-2004)

- C **Application of High Hydrostatic Pressures to Improve the Safety of Scombroid Fish Through the Reduction of Biogenic Amine Producing Enzymes.** 2002-2004. USDA/CSREES, VA, MD and NC Sea Grant. The project brings three state Sea Grant programs together to determine the safety of scombroid and scombroid-like fish obtained from commercial fishing and processing firms. Information will be obtained from various fish samples, fishing methods, geographical locations, and processing plants. The information will be used to develop a comprehensive HACCP (Hazard Analysis Critical Control Points) program for the industry.
  
- C **Development of Model Scombrototoxin Control Procedures for Commercial Atlantic Fish Species.** 2002-2004. USDA/CSREES, VA, MD and NC Sea Grant. This project will determine the effects of high hydrostatic pressure processes on the activities of decarboxylase enzymes involved in the production of histamine, cadaverine, and putrescine. Several fish species known to cause scombrototoxin poisoning will also be examined for biogenic amine contents to determine the effects of various fishing and handling methods on product safety.
  
- C **Virginia Sea Grant/NOAA Exhibit.** 2002. Dulles International Airport. VA SGMAP communicators partnered with OAR staff to increase visibility and understanding of VA SGMAP and its role in national Sea Grant network and NOAA by featuring research, education and outreach activities and their impacts. The project was funded by OAR.
  
- C **Oyster Research and Restoration in U.S. Coastal Waters: Research Priorities and Strategies. Oyster Research Database.** 2003. NOSG, MD Sea Grant. A comprehensive oyster research database had previously not existed at the NOSG office until this was developed.
  
- C **Mid-Atlantic Regional Exhibit.** Sea Grant Week 2003. DE, MD, NC and NJ Sea Grant. Large three-panel exhibit showcasing research, outreach and education was developed with input from regional communications programs in DE, MD, NC and NJ.
  
- C **Chair, Mid-Atlantic Sea Grant Communicators.** 2000-2003. DE, MD, NC and NJ Sea Grant. Continued development of regional conservation radio spots project.
  
- C **Sea Grant Web Guidelines Revision.** 2004. National Sea Grant communications network. Chaired national committee to update guidelines for 508 compliance, usability and network consistency. Revised guidelines were presented at SG Communicators off year meeting, Long Beach, CA.

- C **Biodiversity Workshop for Teachers.** 2001. MD Sea Grant. In cooperation with VIMS scientists and Science Museum of VA. Conducted workshop for educators.
- C **FEE: Regional Charter Boat Educational Workshops.** 2003 and 2004. NY, NJ, NC and MD Sea Grant. Provided specialized educational outreach to over 150 charter boat operators from New York to North Carolina. The programs were cooperatively developed with respective state Sea Grant marine advisory programs. Overall coordination was provided the regional efforts from the initial charter boat educational needs assessment surveys and the development of curriculum based upon the responses to the survey. In New Jersey and the DelMarVa area the workshops have become annual events supported by the charter boat operators and Sea Grant.
- C **Marine Expo.** 2002 and 2003. NC, SC and GA Sea Grant. Provided educational outreach to marine trades in the Virginia through Georgia area. In conjunction with NC, SC and GA Sea Grant programs in those states, educational programs were presented to provide contemporary in service education to small businesses. The two events involved over 200 members of the region's marine trades were held in Charleston, SC and Norfolk, VA.
- C **Annual Conference of North American Associations of Fisheries Economists (NAAFE).** 2003. (CT, OR and WHOI Sea Grant) In conjunction with regional sea grant cooperators VA Sea Grant hosted the Second bi-annual Conference of NAAFE for a three-day conference in Williamsburg, VA. The program included presentations of fisheries economic research and facilitated problem solving sessions.
- C **AIWW Economic Scoping Meeting.** 2000. FL, GA, SC and NC Sea Grant. This workshop was a result of the Atlantic Intracoastal Waterway Association (AIWA) and Boat/U.S. requesting the National Sea Grant Office (NSGO) to consider an economic assessment of the AIWW was held in Charleston, SC. As an initial step the NSGO agreed to support a workshop of knowledgeable industry and invited economists to develop a work plan and budget for a study capable of quantifying the economic value of the AIWW. Sea Grant economists from FL, GA, SC, NC and VA developed a proposed workplan and budget to implement the regional economic assessment.
- C **Economic Component of an Environmental Impact Statement for Proposed Introduction of the oyster species, *Crassostrea ariakensis*, into the tidal waters of Maryland and Virginia.** 2004. MD Sea Grant. Complete an Economic Component of an Environmental Impact Statement for Proposed Introduction of the oyster species, *Crassostrea ariakensis*, into the tidal waters of MD and VA to re-establish a naturalized, reproducing, and self-sustaining population of oysters for MD Dept. of Natural Resources.

- C **Marine Trades Workforce Training Initiative.** 2004. NJ, NC and MD Sea Grant. A total of 320 marine industry firms from NC to NJ responded to the 2004 marine trades training needs assessment survey, including 85 companies from Tidewater VA. The firms included 211 boatyards and marinas and employed 5,765 full time employees, 1,142 part time workers and currently have 470 full time positions that need to be filled. The majority of the companies had between 1 and 10 employees. The number of full time employees ranged from 1-1,000. The survey was administered in conjunction with Virginia Sea Grant sub-contracts to North Carolina, Maryland and New Jersey Sea Grant programs.
- C **Mid-Atlantic Commercial Fisherman and Aquaculture Trade Show; Ocean City, MD.** 2001, 2002, 2003 and 2004. NC, MD, DE, NJ and NY Sea Grant. Assist in the regionally coordinated fisherman/aquaculture trade show and seminar series. Coordinate and conduct seminars on topics of interest. Attendance at these seminars exceed 1,000 annually.
- C **FEE: Collaborative Learning, the Blue Crab Industry.** September 2002. MD Sea Grant. Provided input into the blue crab situation and industry perceptions for Maryland scientists. December 2003. NC, MD.
- C **The Bridge Project.** 2000-2004. NC, OH, MS/AL and OH Sea Grant. On-line clearinghouse for national and regional marine education materials, cooperatively administered with the National Marine Educators' Association.
- C **FEE: Horseshoe Crab Website.** 2003-2004. Mid-Atlantic Sea Grant Programs. A new Web site was developed by the communications team at DE Sea Grant, with assistance from Sea Grant programs throughout the Mid-Atlantic. Communicators in the region contributed material to and helped review pages devoted to the biology, ecology, historical uses, medical benefits, scientific research, and management issues associated with the horseshoe crab. A private contractor was hired to design and launch the new Web site, and Sea Grant programs around the country have given high marks for the site's utility and content.
- C **NMFS/Sea Grant Fisheries Bycatch Workshop.** 2004. Northeast and Mid-Atlantic Sea Grant. These two regional Sea Grant Programs teamed with NMFS, Northeast Region, the Mid-Atlantic Fishery Management Council and the Atlantic States Marine Fisheries Commission to conduct a landmark workshop addressing fisheries bycatch issues. The workshop was held in Wakefield, MA. FEE coordinators from VA and RI served as co-organizers for the workshop.
- C **Highly Migratory Species Workshop.** 2004. NC Sea Grant; NMFS, New Bern, NC. Organized workshop with charter boat captains to discuss data reporting issues.

- C **Sea Grant Extension-Expanded Participation in American Fisheries Society Annual Meetings.** 2004. Partnered with National Sea Grant Office planning committee for expanding role of Sea Grant extension project presentations at annual meetings of the American Fisheries Society. For August 2004 AFS meeting (Madison, WI), committee has organized a symposium entitled “Socio-Economics and Extension: Empowering People in Fisheries Conservation.”
  
- C **Pfiesteria News and Background Radio CD.** 2000-2001. Working with WVTF Public Radio at Virginia Tech, a CD was produced containing audio clips from interviews with 5 SG researchers specializing in *Pfiesteria* - Stephen Smith (VT), Pat Tester (NOAA), David Green (NCSU), Larry Haas (VIMS), and Dan Terlizzi (UMD) The CD was distributed to radio stations all along the Mid-Atlantic coast.