

April 19, 2010

B Jones

### **2010 CRFL Funded Projects**

**\$25,000 grant to Take a Kid Fishing Foundation:** Contributors and volunteers give of their time, talents and resources to help the Take A Kid Fishing Foundation provide disabled and disadvantaged youth from across the Carolinas with an opportunity to go saltwater fishing while teaching them about ethical fishing practices, conservation and our ocean environment.

**\$85,923 grant for the Reprint NC Coastal Recreational Angler's Guide:** Reprint of the full-color guide which features an 82-page fish identification section that includes information on the species' habitat needs, life cycle, and eating habits, as well as fishing tips. Other sections cover such topics as license requirements, the Marine Fisheries Commission advisory and rulemaking process, artificial reefs and how to be an ethical angler.

**\$26,860 grant for the NC Coastal Saltwater Recreational Fishing Digest:** The digest will include an expanded recreational guide with recreational size and bag limits in an expanded format that integrates striped bass rules and pertinent regulations for other species. It will also provide detailed directions for identifying King mackerel from Spanish mackerel and for measuring fork length, total length and curved fork length. A map of flounder size limits lines, explain the Recreational Commercial Gear License and clarify other fishing issues.

**\$500,000 grant to the Town of Emerald Isle:** Grant to assist with the acquisition of a 16-acre tract of land for the development of a new public boat launching facility in Emerald Isle.

**\$244,691 grant to Long Bay Artificial Reef Association:** Project will obtain artificial reef material and have it shipped to the State Port in Wilmington. The material will be loaded on barges and taken to the two reef sites of Brunswick County.

**\$114,500 grant to NC Aquarium at Fort Fisher:** The NC Aquarium at Fort Fisher, in partnership with the NC Wildlife Resources Commission will use the funds for Phase II construction of improvements to the Federal Point (Fort Fisher) public access and boat ramp.

**\$379,650 grant to the NC Aquarium on Roanoke Island:** Jennette's Pier in Nags Head is currently under construction and the funds provided by this grant will be used for educational graphics and informational panels, exhibits, and equipment and materials for recreational fishing education programs.

**\$9,072 grant to the Friends of the Maritime Museum:** This project "Traveling Trunks: Tackle Boxes for Teachers" will develop and implement an educational outreach program featuring local fisheries. These traveling resources will be designed to bring the history of recreational angling to children through how to workshops.

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**\$281,000 grant to Riverworks:** This artificial reef project is to build new structures in coastal waters of the New River. Project will utilize bridge demolition material from the NC Route 17 Bridge (Buddy Phillips Bridge) in Jacksonville. Deployment and reef building protocol will be directed by the Division of Marine Fisheries.

**\$200,00 grant to Wildlife Resources Commission:** Beaufort Boating Access project consist of partnering with the Town of Beaufort and the DOT to realign Front Street and to also annex the nearby tennis and basketball courts which will be moved to another location and renovate the entire area including the additional property.

**\$125,000 grant to Wildlife Resources Commission:** Cedar Point Boating Access Area and Fishing Pier project consist of renovating the site to include much needed single vehicles spaces which would accommodate a fishing pier for fishermen, ADA parking and docks, and an additional 15 parking spaces.

**\$400,000 grant to Wildlife Resources Commission:** Washington Baum Bridge Boating and Fishing Access Area project will consist of design and construction of a multi-use facility that will allow both public fishing and boater access to the Roanoke Sound, Atlantic Ocean and Albemarle Sound. The total project cost of the renovation is \$990,000.

**\$20,487 grant DMF:** Assessing the Economic Impact of NC Ocean Fishing Piers. This study will provide economic data and analysis on the impact of recreational fishing piers. The information will be essential for development and management of pier facilities. A report will be generated tracking the direct, indirect, and induced economic impacts from the ocean fishing piers in North Carolina.

**\$19,285 grant to DMF:** Mark Recapture Study to Determine Population Size of Cape Fear River Striped Bass. The project will develop an estimate of population size of striped bass in the Cape Fear River with secondary goals of estimating recreational fishery release mortality, tracking seasonal migration, and determining habitat utilization patterns. The results of this study will be used in future stock assessments and management of striped bass.

**\$96,937 grant to UNC-W:** Stock Structure of Southern Flounder research to provide information that will represent a critical first step in defining stock structure of southern flounder in North Carolina and the US South Atlantic. Knowledge of existing structure and rates of mixing is essential for understanding their influence on population dynamics and the response to fishery exploitation.

**\$105,119 grant to ECU:** Maturation, Fecundity, and spawning Frequency of Albemarle Sound and Roanoke River. Grant to update maturity schedules and fecundity estimates; evaluate otolith chemistry or genetic marking to help determine unit stocks. This study will help the management of striped bass in North Carolina. By effectively managing the Albemarle/Roanoke striped bass stock, it will help restore, develop, and enhance North Carolina marine resources.

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**\$153,803 grant to NCSU:** Assessing Mortality, Tag Reporting and Movement patterns of Albemarle Sound-Roanoke River Striped Bass. This study will estimate seasonal and spatial patterns in recreational and commercial fishing mortality rates for striped bass in the Albemarle Sound and Roanoke River and to estimate a natural mortality rate. This study will estimate the portion of the adult Albemarle Sound population that enters the Roanoke and Chowan basin rivers during spawning season to better understand stock dynamics.

**\$27,808 grant to NCSU:** Marine Fisheries Fellowship Program. This fellowship partners with NC Sea Grant and allows the fellows to gain valuable experience working “on the front lines” at a state fishery management agency. NCDMF has benefited from results that are immediately applicable to management needs. Additionally, fellows have gone to work with state and federal fishery management agencies or as university faculty.

**\$35,000 grant for Fisheries Habitat Educational Kiosk:** This project is for an interactive education kiosk dedicated to fisheries habitat education and protection as part of the exhibition theme, “Land, Water and Natural Resources” located at the Core Sound Waterfowl Museum and Heritage Center at Harkers Island.

**\$15,875 grant to ECU:** Case Studies of the Rapid Assessment Protocol of Coastal Watershed Condition for Environmental mitigation with Potential for Integrating the Strategic Habitat Assessment Approach. Grant to maximize the Strategic Habitat Area approach and the Rapid Assessment protocol’s potential usefulness in contributing to restoring and enhancing coastal watersheds and estuaries.

**\$90,216 grant to NCSU:** Informing Habitat Enhancement in Pamlico Sound. The results from this study will identify a hierarchy of potential sites for locating artificial reefs and oyster broodstock reserves in Pamlico Sounds based on scientific information, while simultaneously considering logistical aspects of reef construction, as well as accessibility of reefs to fishermen.

**\$110,709 grant to UNC-CH:** Fisheries Habitat Impacts of Marsh Sills (Living Shorelines) as a Shoreline Stabilization/Restoration Alternative to Bulkheads. The results of this research project will provide a comprehensive assessment of the impacts of marsh sills on extent, function, and value of fish habitats and thus benefit the public by allowing DCM to make regulatory decisions about shoreline stabilization permitting with the new scientific evidence needed to support these decisions.

**\$93,483 grant to UNC-CH:** Quantifying the Nursery Role of SAV and Wetland Landscapes for Recreationally Important Fishes in High-Salinity Environments of North Carolina. This research will quantitatively evaluate the nursery function of seagrass meadows, saltmarsh creeks/banks and shallow-water mudflats in NC waters for juvenile fishes.

**Total amount of funding \$3,160,368**