



**North Carolina
Coastal Recreational Fishing License
Request for Proposals
Issued June, 2012 (for Funding Year 2013)**

The North Carolina Marine Fisheries Commission and the North Carolina Wildlife Resources Commission are issuing a Request for Proposals (RFP) for consideration of funding from the Marine Resources Fund. The Marine Resources Fund is composed of proceeds from the sale of the Coastal Recreational Fishing License (CRFL). The North Carolina General Assembly created the Fund to manage, protect, restore, develop, cultivate and enhance the marine resources of the state.

The North Carolina Division of Marine Fisheries is the state agency that provides liaison between projects and the Marine Fisheries Commission and Wildlife Resources Commission. The purpose of this document is to announce a Request for Proposals, to identify project areas and priorities eligible for funding by the Marine Resources Fund in accordance with the Strategic Plan for the Conservation and Improvement of North Carolina Marine Resources, and to assist you in preparing the proposal. Please read all of the enclosed information closely. Proposals and all supporting documents must be received by the director of the Division of Marine Fisheries by 5 p.m. on **July 31, 2012**.

The overall goal for the use of CRFL funds is to manage and enhance the marine resources of North Carolina based on sound science and strategies. The Strategic Plan for the Conservation and Improvement of North Carolina Marine Resources sets forth a framework of objectives and strategies to meet this goal. The framework provides the basis upon which to evaluate and select proposals seeking CRFL funds. Example priority research needs have been compiled based on priority needs in Fishery Management Plans approved by the Marine Fisheries Commission, issues identified in the Coastal Habitat Protection Plan, and research needs identified cooperatively with other agencies. The objectives and strategies listed below are topics of particular interest at this time and do not represent an inclusive list of all priority needs in Fishery Management Plans and the Coastal Habitat Protection Plan. Project activities that will be considered for this funding cycle include (no priority order is implied):

Eligibility

Only proposals from universities, local North Carolina governmental entities, the Division of Marine Fisheries, or Wildlife Resources Commission are eligible to receive funding. Individuals/groups desiring funding must partner with one of these eligible agencies. A letter from the partnering agency must be attached to your proposal.

Proposal Guidelines

All proposals must be submitted to the Division of Marine Fisheries director by 5 p.m. on July 31, 2012.

Proposals will be evaluated and applicants notified of acceptance or rejection by January 31, 2013.

Applicants are strongly encouraged to consult with species and/or program leads regarding potential projects. Consultation with the leads does not guarantee funding. For more information on the species/and program leads, contact Tiffany.Frazier@ncdenr.gov.

If your proposal is approved for funding, you will need to work with the Division of Marine Fisheries by supplying information for the preparation of a state contract to facilitate your receipt of funds. It is important for you to know that this program cannot reimburse you for work that has already begun or been completed. Even if your project is selected for funding, you cannot begin any work until there is a state contract in place or you will not be reimbursed. Should your proposal be selected for funding, a contract should be in place within 6 months following the date of your funding award letter. Disbursement of funds will be in agreement with your state contract and proposal budget.

If your project is selected for funding and a contract is in place, you will be required to provide semi-annual updates of progress. This report shall be formal and can be submitted via email. The information in each semi-annual update will only be work completed since the last semi-annual update. An annual, formal, written comprehensive final report will be required. You may be required to present the results of your project and/or research findings at a CRFL Project Conference. You are required to submit your reports to Tiffany Frazier, CRFL Project Coordinator, NC Division of Marine Fisheries. She can be reached by mail at PO Box 769, Morehead City, NC 28557-0769; by phone at 252-808-8004 or 800-682-2632 (in NC only); or via e-mail at Tiffany.Frazier@ncdenr.gov. CRFL funding proposals, reports, and research data are subject to the N. C. Public Records Act (N.C.G.S. § 132-1 et seq).

Proposal guidelines:

1. Applicants must submit one original and 10 hard copies of the proposal plus one electronic copy of the proposal in MS Word or Adobe PDF to the Project Coordinator. Please use Times New Roman, 12 point font and provide centered page numbers on the bottom of each page. The hard copies must be submitted on hole punched paper.
2. All proposals are to include a completed copy of the Application for Funding from the North Carolina Marine Resources Fund application cover sheet (attached).
3. Proposals are not to exceed 17 pages including figures, tables, drawings, vitae, etc.
4. Indirect costs cannot exceed the indirect rate established for the Division of Marine Fisheries (this rate is established annually). Please contact Tiffany Frazier, CRFL Project Coordinator by phone at 252-808-8004 or 800-682-2698 (in NC only); or via e-mail at Tiffany.Frazier@ncdenr.gov for the current rate.
5. All proposals must clearly state how this specific project will enhance or improve the recreational fishing experience for North Carolinians (directly or indirectly), or show how the project will educate anglers about saltwater fishing in NC. Proposals are to identify benefits expected from the proposed activities, including users served, economic benefits to local communities and the state, etc.
6. Proposals for public access must provide estimates on the usage of the facilities, including expected number of people who will use the access site.

7. The CRFL program will not fund land acquisition or construction projects that require other, not yet obtained parcels of land, or are contingent on receiving other grant money before site development can occur.
8. The CRFL program will not fund the design of potential projects, unless funding is already secured and the design portion is only a part of the current proposal.
9. Construction proposals must have minimal adverse habitat impacts, maximum stormwater runoff controls, and maintain natural shorelines where feasible. To demonstrate this, all construction proposals must provide a detailed design and description regarding plans for controlling storm water runoff, avoiding submerged habitat impacts, and protecting the wetland shorelines, prior to project approval. Final design plans (i.e. any engineered drawings, specific low-impact development techniques, materials, etc) must be submitted prior to receipt of funds. If dredging is to be a part of the project, detailed justification and information on area to be affected is required. A copy of all required permits must be sent to the CRFL Project Coordinator prior to beginning construction and any payment is rendered.
10. All projects that involve site acquisition/improvements must occur in coastal or joint waters.
11. Previously funded projects that were successful in requesting multi-year funding need not reapply unless the original project's funding request ends by June 30, 2013. Successful new multi-year projects will receive funding through a state contract that will obligate funds one year at a time. If selected for a first year of funding, the subsequent years funding of multi-year projects will be contingent upon the completion of satisfactory grant performance progress reports as required by grantor, approval by both the Marine Fisheries Commission and Wildlife Resources Commission for subsequent funding, and availability of funds. On multi-year proposals, separate budgets must be submitted for each year proposed with a scope of work and milestones reflecting each year's activities.
12. Projects that are currently being funded can be viewed on the NC Division of Marine Fisheries web site at <http://portal.ncdenr.org/web/mf/> under Recreational Fishing Reports/Grants, Programs and Reports.

Each proposal is to include the following:

Applicant Name: Identify the name of the applicant and/or applicant's organization.

Project Title: A brief statement to identify the project.

Project Abstract. Applicants must submit a **separate** abstract of the proposed project to be included with the proposal in no more than 300 words. Submit one abstract to the CRFL Project Coordinator in MS Word via e-mail to Tiffany.Frazier@ncdenr.gov.

CRFL Strategic Plan Management Goal, Strategy and Research Need Listed in RFP: Identify the [CRFL Strategic Plan](#) Management Goal, Strategy and Research Need listed in this RFP for which the proposal is being applied. Strategies listed in the CRFL Strategic Plan and **not** within the Funding Year 2013 RFP have been funded in the past and thus, successfully achieved.

Project Period: The total period of the project proposed for funding. The award period may be for one or multiple years. **All contracts for projects selected for funding will begin no sooner than July 1, 2013.** There are no exceptions to this policy. Please note this time period when developing project milestones.

Need: Demonstrate the need for assistance.

Objective: Address what is to be accomplished.

Approach: List all procedures necessary to attain each project objective.

Expected Results and Benefits: Identify and document the results or benefits expected from the proposed activities and how the project will help manage, protect, restore, develop, cultivate and enhance the marine resources of North Carolina.

Data Delivery Plan for Research Projects: Provide a written plan describing how all data, analyses, models, etc. generated from the project will be made available to the Division of Marine Fisheries. The plan must include the format in which data will be submitted and acknowledge the requirements contained in the CRFL Funding Data Delivery Specification document. The report and data will receive technical review from the contract technical monitor.

Geographic Location: The location where the project will be administered and where the project will be conducted.

Milestone Schedule: An activity schedule in table format for the duration of the project, starting with Month 1 and concluding at the end of the requested award period including a maximum three-month report writing period. On multi-year proposals, a separate budget, scope of work, and milestones must be submitted for each year of the proposal.

Match: CRFL proposals do not require matching funds but is encouraged as a way to leverage the CRFL funds. However, if match is offered in a proposal the source of the matching funds must be identified in the budget along with the amount of in kind, cash, etc.

The Division of Marine Fisheries reserves the right to use awarded project grant funds as match for any Division of Marine Fisheries-awarded federal grants. You may not use CRFL awarded project funds as match for any grant without explicit written permission to do so from the Division of Marine Fisheries.

Cost Summary: Detail all costs to be incurred in the project, including, but not limited to (see budget template) personnel, equipment, information technology needs (computers, staff, etc.), travel expenses, etc. Details are to include start-up versus long-term operational costs. Prepare your budget carefully and make it as detailed as possible. Changes to the budget after submission are highly discouraged.

Travel expenses must be broken down into two sections (no lump sum totals).

1. Travel related to carrying out the specific duties of the project. A breakdown of travel limited to state levels of allowable per diem showing expected amounts for hotels, meals, miles, etc. as separate lines.
2. Travel related to conference attendance. Applicants are allowed to budget for one conference attendance for each project over the course of the entire project. For example, if

the proposal is a 2-year proposal, you can budget for one conference attendance during a 2-year project. If it is a 3-year proposal, you can still only budget to attend one conference during a 3-year project. Allowable conference charges will be paid for the PI and one student, both of whom must have been integral to the project's success and one of whom will present project results at the conference. A poster or abstract of the presentation must be included in the semi-annual report along with the dates of the conference. All charges must be reasonable and fall within the state allowed travel and per diem charges. For per diem travel rates visit: http://www.ncdmf.net/insidefisheries/Travel/070111_TravelPolicy.pdf.

Principal Investigator: The principal investigator(s) is to be listed and vitae for each principal investigator must be attached. Limit each vita to two pages. If this is not a research or monitoring project identify a key contact.

Other Funded Research: Identify all other funding sources currently being received and other funding sources where applications have been submitted and in which project personnel are involved. Include funding title, funding source, funding objective, amount of funding, length of funding, and principle investigator. Include percentage of salary funds by investigator by project.

Other Information: Applications for facilities/access projects must provide estimates of the usage of the proposed facility including number of people and number of current fishing license holders within the area, and any other relevant demographic data and estimates that support the need for the project. A facilities/access projects shall post signage giving appropriate credit to the CRFL fund. A CRFL logo has been developed for your use.

Environmental Considerations: The Division of Marine Fisheries encourages low impact development that protects vegetated shorelines, wetlands, water quality, submerged aquatic vegetation, designated Primary Nursery Areas, and designated Anadromous Fish Spawning Areas. Proposals should avoid adverse impacts to these sensitive habitats. In the event that impacts cannot be avoided or minimized through alteration of the project configuration or design, the project may not be considered for funding even though it meets an RFP funding priority.

Applicants shall maintain the stated or intended use of the proposed facility/access project for a minimum period of 20 years. Projects over \$100,000 must maintain the intended use for 30 years. Any abandonment of the project, conversion of the project to another use, or allowance of uses prohibited by the contract shall automatically trigger repayment to the fund of an amortized portion of the total grant reflecting the remaining life of the project.

All projects shall specify dates and deliverables clearly in the proposal.

Incomplete applications and those that do not conform to the above format will not be considered.

Proposal Submission

The Division of Marine Fisheries office in Morehead City must receive one original and 10 hard copies of the proposal plus one electronic copy of the proposal in MS Word or Adobe PDF by 5:00 p.m. on July 31, 2012. E-mail proposals to Tiffany.Frazier@ncdenr.gov. Faxed proposals will not be considered. Mail or deliver hard copy applications to: **North Carolina Division of Marine Fisheries, Attention: CRFL Proposal, P.O. Box 769, 3441 Arendell Street, Morehead City, NC 28557**. By state law, late proposals cannot be considered.

Review Process

Only proposals supporting the purpose of the Marine Resources Fund as specified in N.C. General Statute 113-175.1 and meeting the guidelines established in this request for proposals will be considered. Proposals meeting these requirements will be evaluated based on their capability to enhance the marine resources of the state. Proposals being considered for funding but needing revisions, enhancements or clarification to improve the quality of the proposal will be returned to the applicant. The applicant will then have 30 days to make the changes and return to the NCDMF for consideration.

Voluntary amendments to proposals are not normally accepted. One may request an amendment, but a project requesting an amendment to the budget or scope of work will be considered **only** if determined to be meritorious.

Funding Year 2013 CRFL Grant Program Funding Strategies

Management Goal - Fish

Objective 1: Estimate fishing effort, catch, harvest, and mortality of important coastal fish species.

Strategy F.1.1 Increase current recreational sampling levels to obtain estimates with greater precision.

Example Priority Research Need:

Projects investigating the feasibility of using new technologies to gather timely and accurate recreational and for-hire recreational statistics catch and discard statistics, including the use of cellular and internet technologies.

Strategy F.1.2 Develop and expand statistically sound juvenile and adult fishery-independent sampling programs.

Example Priority Research Need:

Establish a juvenile abundance index to fill in gaps in the DMF biological database for all important species to evaluate and potentially expand all juvenile indices for use in coast wide assessments.

Tagging programs to verify estimates of natural and fishing mortality as well as mixing rates and migration patterns of important fish species.

Collect data to estimate population size and age structure of important species.

Strategy F.1.3 Identify and gather life history information needed for stock assessment models for recreationally important fish species.

Example Priority Research Need:

Mark-recapture (tagging) studies to estimate the fishing mortality rates, migration, and movement of managed species to develop stock identification techniques to improve understanding of stock definition.

Collect aging structures from recreational catches harvested by tournaments and for hire vessels.

Research projects designed to provide updated mortality studies of important fish species.

Update maturity schedules and fecundity estimates for important fish species.

Evaluation of otolith microchemistry or genetic marking to help determine unit stocks.

Identify spawning and nursery areas for important finfish.

Develop analytical modeling techniques to account for environmental variation (e.g. cold kills) in stock assessment models.

Strategy F.1.5 Develop methodologies and initiate sampling of important night fisheries (e.g., flounder gigging, adult red drum). Increase focus on released species (discards) and direct more effort toward rare event species.

Example Priority Research Need:

Assess size distribution of recreational discards from night fisheries such as red drum and flounder.

Characterize the release of trophy fisheries (tackle, geographic locations, time of day, bait, water temperature, seasonality, hook types, etc.).

Strategy F.1.6 Enhance upper estuarine recreational sampling programs to produce estimates of catch and angler participation directed at recreational anadromous species and other fishes occupying low salinity waters.

Example Priority Research Need:

Survey upper estuarine recreational anglers in the Albemarle Sound, Cape Fear River and their tributaries to obtain statistically valid estimates of angler catch and participation (fishing effort) along with estimates of the number of fish released (discards).

Collect biological data needed to meet the mandated requirements of the Fisheries Reform Act by providing information for stock assessment and Fishery Management Plan development.

Strategy F.1.8 Initiate surveys of recreational fishermen targeting shellfish, crustacea, and bait.

Example Priority Research Need:

Sample recreational fishermen to determine bait harvest of jumping mullet, gear(s) used, bait mullet species composition (white vs. striped mullet), and discard levels (alive and dead) of striped mullet used for bait.

Strategy F.1.9 Set up a carcass collection pilot program for recreationally important fish to expand age, reproductive and other life history sampling and analysis.

Example Priority Research Need:

Plan, implement, and establish a comprehensive carcass collection program for recreational fisheries.

Objective 2: Characterize socio-economic attributes of coastal fisheries.

Strategy F.2.1 Initiate a socio-economic survey of recreational fishermen.

Example Priority Research Need:

Conduct comprehensive socio-economic surveys of the for-hire fishery to assess the impact of this sector on coastal economies and how economic conditions affect this fishery.

Economic analysis of specific recreational fisheries.

Strategy F.2.2 Identify and enumerate different users groups within the recreational sector.

Example Priority Research Need:

Conduct a socio-economic analysis of the for-hire industry in North Carolina. Research needs include the estimated economic impact of the for-hire sector as well as social characteristics and perceptions of trends in the various fisheries and the industry itself.

*Conduct an economic impact analysis of public access sites to local communities and the state as a whole. Additionally, research should also include a social analysis identifying common user groups.

Conduct a socio-economic analysis of saltwater fishing tournaments in North Carolina. Research should include an economic and social analysis by tournament type (inshore or near-shore, king mackerel, and offshore/pelagic) as well as perceptions of tournament fishermen.

Objective 3: Characterize catch and release mortality in coastal fisheries.

Strategy F.3.1 Initiate bycatch and discard mortality studies of recreationally important fish and fisheries.

Example Priority Research Need:

Research projects that model and predict how regulations impact discard mortality in recreationally important fish species with emphasis on determining effectiveness of newly implemented fishing restrictions (such as gill net attendance and circle hook usage).

Research projects that estimate and describe discard release mortality.

Strategy F.3.2 Develop gear and methodology for reducing release mortality from recreational fishing.

Example Priority Research Need:

Develop gear and methodology for reducing release mortality from recreational fishing.

Management Goal - Habitat

Objective 1: Improve effectiveness of existing programs.

Strategy H.1.1 In cooperation with other Department of Environment and Natural Resources agencies and university scientists, conduct coastal habitat status assessments using standard indicators of estuarine and near shore ocean conditions.

Example Priority Research Need:

Analyze and interpret existing data to use in coastal habitat assessments.

Strategy H.1.4 Enhance education of fishermen and the public concerning fish habitats, how they function, and what people can do to protect them.

Example Priority Research Need:

Develop educational programs on habitat function, conservation and protection.

Develop educational displays at public boating access areas focusing on the ecological value of the surrounding fish habitats.

Encourage public/private partnerships to construct marsh sill projects to increase awareness of the benefits of living shorelines.

Strategy H.1.5 Expand and utilize the Oyster Shell Recycling Program and the Under Dock Oyster Culture Program to enhance public awareness and foster volunteer, government agency, and Non-governmental Organization partnerships.

Example Priority Research Need:

Expand the NC Oyster Shell Recycling through public outreach on the importance of protecting our estuary and restoration efforts through oyster recycling.

Pilot project to research standardized recycling containers that will meet sanitation standards and service of these containers for restaurants.

Objective 2: Identify, designate, and conserve fish habitat and Strategic Habitat Areas (SHAs).

Strategy H.2.1 Expand the mapping of important coastal fisheries habitat such as submerged aquatic vegetation (SAV), shell bottom and other bottom types.

Example Priority Research Need:

Conduct spawning area surveys where none currently exist (river herring, other anadromous fish, red drum, blue crab, etc.).

Strategy H.2.2 Identify and delineate candidate sites for designation as Strategic Habitat Areas.

Example priority research Need:

Conduct field research to evaluate and verify the habitat condition of identified Strategic Habitat Areas in the Albemarle and Pamlico Sound regions.

Strategy H.2.3 Inventory and conduct research and monitoring to determine status of and trends in the six basic fish habitats (SAV, shell bottom, wetlands, water column, hard bottom, soft bottom).

Example Priority Research Need:

Monitoring of submerged aquatic vegetation (SAV) habitats throughout the coastal area, including distribution and health of SAV habitats and functions of the associated fish communities.

Conduct research to evaluate environmental conditions that provide suitable submerged aquatic vegetation (SAV) habitat.

Develop and conduct fish usage patterns of nearshore (within state waters) hard bottom.

Conduct a condition assessment of nearshore (within state waters) high-relief and low-relief hard bottom.

Acquire updated bathymetry of shallow soft bottom habitat to assist in determination of potential nursery and SAV habitat.

Strategy H.2.4 Conduct research to clarify the linkages between coastal fish habitat and fish production and identify the key aspects of habitat function and how these functions are affected by human activities.

Example Priority Research Need:

Research on effects of alternative energy projects on fish habitats and stocks.

Develop field techniques and analytical modeling techniques to account for variation in habitat quality and variable spawning habitat types on spotted seatrout spawning success.

Strategy H.2.5 Coordinate mapping and monitoring of fish habitats to delineate causes of and effects of habitat disturbance and loss.

Example Priority Research Need:

Develop a mechanism and strategy that coordinates mapping and monitoring of fish habitats to delineate causes and effects of habitat disturbance and loss.

Objective 3: Enhance habitat and protect it from physical harm.

Strategy H.3.1 Identify degraded fish habitat and implement restoration measures.

Example Priority Research Need:

Develop a mechanism and strategy to identify degraded fish habitat and implement restoration measures.

Identify physical impediments to anadromous fish spawning migration routes outside the Albemarle Sound Management Area.

Improve fish passage for anadromous fish spawning migrations through dam removal, fish passage structures, or culvert replacements with fish friendly culverts or bridges.

Develop tools to quantitatively assess the impact of cumulative effects of land-use changes on fish habitats.

Encourage public/private partnerships to implement low impact development stormwater retrofit techniques to reduce stormwater runoff entering coastal waters. This excludes retrofits that are required as part of a regulatory permit. Priority will be given to those most directly benefiting coastal water quality.

Strategy H.3.2 Initiate monitoring programs to evaluate success of restoration and enhancement projects.

Example Priority Research Need:

Conduct fish and benthic monitoring at oyster restoration sites to quantify the level of success and ecosystem benefits.

Strategy H.3.3 Conduct research on restoration techniques in order to improve the quality and function of created or enhanced habitat.

Example Priority Research Need:

Develop a mechanism and strategy to conduct research on restoration techniques in order to improve the quality and function of created or enhanced habitat.

Strategy H.3.4 Refine materials and deployment techniques to maximize long-term ecological function and structural integrity of restoration efforts.

Example Priority Research Need:

Develop a mechanism and strategy to refine materials and techniques to maximize long-term ecological function and structural integrity of restoration efforts.

Strategy H.3.5 Enhance the ongoing oyster sanctuary program, including shell recycling

Example Priority Research Need:

Conduct research to maintain oyster recruitment, growth, and survival data on existing and newly constructed oyster sanctuary structures.

Conduct research to monitor environmental parameters and structural stability of oyster sanctuary structures.

Evaluate alternative materials for use in development of oyster sanctuaries including cost effectiveness, recruitment and survival rates of oysters, and structural integrity of materials.

Strategy H.3.6 Expand Oyster Shell Recycling Program outreach and public participation

Example Priority Research Need:

Develop a network of grassroots effort to encourage local participation in oyster shell recycling.

Conduct research and solicit cooperation in identifying and solving local and statewide oyster shell recycling issues.

Coordinate oyster shell recycling efforts regionally or conduct oyster shell recycling locally to maintain or enhance established program.

Strategy H.3.7 Solicit collaborative research on larval transport and dispersal patterns and incorporate results into siting oyster habitat restoration projects and no-take oyster sanctuaries.

Example Priority Research Need:

Conduct research to identify larval transport of finfish or crustacean species that utilize oyster reef habitat and incorporate into a habitat enhancement siting plan.

Conduct research to identify sites for oyster habitat enhancement based on larval transport and the proximity to key habitats such as SAV beds.

Management Goal – People

Objective 1: Provide fishermen increased access to fisheries resources and enhancement structures.

Strategy P.1.1 Collaborate with Department of Transportation, Wildlife Resources Commission, and Department of Environment and Natural Resources to site boat ramps and piers at highway bridges and State Parks and provide habitat enhancement such as artificial reefs or oyster cultch in conjunction with these facilities to provide increased access for both boat and pier fishermen.

Example Priority Research Need:

Improve and develop public fishing and boating access.

Develop a comprehensive siting management plan for public access, mapping current sites and prioritization of future sites in coastal fishing waters.

Strategy P.1.3 Utilize access structures and strategic land acquisitions for outreach, environmental education and community based environmental enhancement activities.

Example Priority Research Need:

Coordinate with other agencies and local governments to identify, enhance, conserve, and develop recreational fishing access.

Strategy P.1.4 Coordinate the siting of artificial fishing reefs and oyster reefs with the locations of access structures to increase utilization by the recreational fishing community.

Example Priority Research Need:

Build or enhance artificial reefs in state waters.

Strategy P.1.5 Increase the function of artificial reefs through refinement of materials and techniques based on research and monitoring.

Example Priority Research Need:

Conduct research on innovative artificial reef materials and monitor their success on NC Artificial Reef sites.

Conduct research on various artificial reef materials and their suitability for use on various conditions and substrates encountered on existing or potential artificial reef sites.

Strategy P.1.6 Develop a unique web page for artificial reef activities, reef locations, and material deployment locations.

Example Priority Research Need:

Enhance web page for artificial reef activities, reef locations, and material deployment locations.

Strategy P.1.7 Update, prints, and distributes the N.C. Artificial Reef Guide.

Example Priority Research Need:

Design coastal reef fishing guide for offshore and inshore waters, including fishing access to oyster sanctuaries. Printed on water proof paper and then made available to DMF for inclusion on their website.

Objective 2. Provide better products and programs aimed at improving public information, education, and enrichment.

Strategy P.2.1 Develop workshops, clinics and pamphlets on ethical fishing practices,

conservation methods and how-to seminars.

Example Priority Research Need:

Develop comprehensive public education program on recreational fishing practices, including information kiosks at fishing access points.

Develop information programs on catch and release, ethical angling, fishing techniques, reducing release mortality and by-catch.

Strategy P.2.3 Expand the scope and content of the DMF website.

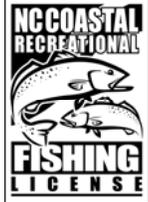
Example Priority Research Need:

Develop audiovisual educational materials such as an overview of the recreational fisheries statistics program that could be placed on the DMF website. Other ideas: de-hooking methods, safe handling of catch, ethical angling practices, and fisheries value of different habitats.

Take advantage of new technological tools to enhance information distribution and public understanding.



APPLICATION FOR FUNDING FROM THE NORTH CAROLINA COASTAL RECREATIONAL FISHING LICENSE FUND



1. APPLICANT INFORMATION:		2. PROJECT ADMINISTRATOR INFORMATION:	
Applicant's Legal Name:		Name of Project Administrator:	
Street:		Street:	
Mail (PO Box):		Mail (PO Box):	
City, State and Zip Code:		City, State and Zip Code:	
EMPLOYER IDENTIFICATION NUMBER (EIN):		Project Administrator Phone number with area code:	
EMPLOYER IDENTIFICATION NUMBER (EIN):		Project Administrator FAX number with area code:	
3. TYPE OF APPLICANT: <input type="checkbox"/> State agency <input type="checkbox"/> County or Municipality <input type="checkbox"/> University <input type="checkbox"/> Other (specify)		Project Administrator Email Address:	
4. TYPE OF APPLICATION: <input type="checkbox"/> New <input type="checkbox"/> Continuation of previously funded CRFL Project <input type="checkbox"/> Award Revision (<i>Explain</i>):		5. PROJECT TITLE:	
6. PROPOSED PROJECT: Start Date: Ending Date:		7. STRATEGIC PLAN OBJECTIVE, STRATEGY AND RESEARCH NEED: Management Goal (check one): <input type="checkbox"/> Fish <input type="checkbox"/> Habitat <input type="checkbox"/> People Objective (list number): _____ Strategy (e.g., F.1.1): _____ Research Need (list project need): _____	
8. SOURCES OF FUNDING: a. CRFL Funds Requested : \$ _____ b. Applicant Match: \$ _____ d. Other Match: \$ _____ e. TOTAL: \$ _____		9. AREA AFFECTED BY PROJECT (City, Counties, etc.):	
11. LIST STATE AND FEDERAL PERMITS REQUIRED FOR THIS PROJECT: (Indicate completion date)			
12. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN FULLY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND WILL COMPLY WITH ALL RULES AND REGULATIONS IF THE ASSISTANCE IS AWARDED.			
Full Name of Authorized Representative:		Authorized Administrator Email Address:	
Signature:		Date Signed:	Phone Number (with area code):
Following Boxes are for CRFL Internal Office Use Only			
DATE RECEIVED BY NCDMF:		REVIEWERS:	Project Identifier:
DATE ACCEPTED FOR REVIEW:		From CRFL Fund: \$ _____	

Budget template to be used as a guide to help applicants provide an itemized budget per project proposal. Additional needed items may be added and items not necessary are to be deleted.

Expense	Year 1		Subsequent Years	
	No. FTE	Cost (\$)	No. FTE	Cost (\$)
Personnel by position title (biologist, technician, computer programmer)		Include amount of project		Include amount of project
Fringe (social security, retirement, health)				
Indirect (Rate = ___% of salaries and fringe only)				
Travel (mileage, meals, lodging)	See page 4 Cost Summary			
Postage				
Printing/photocopying				
Vessels				
Vehicles				
Telephone				
Computer Equipment (PC, printer, etc.)				
Software				
Office Furniture				
Office Space				
Gas				
Uniforms/Clothing				
Safety Items				
Office Supplies				
Scientific Equipment				
Training				
Office Equipment (photocopier, fax, etc.)				
Maintenance Contracts				
Others				
TOTAL COST				