



North Carolina Coastal Federation
Summer Intern Projects, Summer 2011
Program Leader: Ana Zivanovic-Nenadovic

While at NCCF we were given a host of different projects to work on. Some of these projects were group work, some were individually done, some were small and easier to complete, and some were larger and harder to complete. We also had two types of projects: everyday spur of the moment assignments, and larger summer projects. Below you will find a list of all of the projects completed, who the point person on the project was and a summary of the project.

To learn more about these projects and our interns' experiences feel free to contact some of our 2011 Stanback Interns: Gabriell Vires (gav15@live.unc.edu), Michael McEvilly (michaelmceville@gmail.com), Sam Pardo (spardo@gmail.com).

Everyday Assignments

1. **Citizen's Guide**—Updated the contacts and links and reformatted the Citizen's Guide to ensure the most accurate information. (Group work; point person: Sam)
2. **Gutter and Landscaper Database**—This was done for Lauren to support the LID effort and build a coalition among stakeholders in hopes of expanding education and LID practices within these communities. (Group work; point person: Tom)
3. **Local Government Elected Official Meeting Schedules**—This was a project done for Lauren. We initially started with Onslow, Carteret and Pender Counties, but expanded to the remaining twenty CAMA counties. We were creating a database of elected official meeting times so that any future NCCF events we wanted to schedule would not conflict with town's meetings. (Group work; point person: none)
4. **State Stormwater Graphs**—This was done for Ana and Todd. The assignment was to create a bar chart showing "unknown" Low density and High density stormwater permits issued by year. Two charts were created- one with bars side by side per year, and the other with bars stacked on top of each other by year (both different colors)—in order to see the trend over time of permits issued without a specified permittee. (Individual work; point person: Tom)
5. **990 Forms**—The 990 forms of (1) various North Carolina nonprofits and (2) the eleven Restore America's Estuaries groups were compared in the following categories: program service, management, and fundraising expense percentages; rankings based on staff size, total revenue, total expenses and total assets; expenditures across various categories (e.g., salaries and wages, legal fees, lobbying fees, advertising, office, travel); and ratio of donations to fundraising expenditures. (Individual work; point person: Michael)
6. **Stormwater Rules and Regulations**—Assignment for Todd comparing and contrasting NC's stormwater rules, regulations and enforcement with Maryland, California, Florida, New Jersey, New York, Massachusetts and Rhode Island to see where NC compared regarding management. (Group; point person: Gabby)
7. **Titan**—Created a working database of groups, people, places, organizations, etc. that have or are opposing the cement industry to help us with the symposia we are preparing - one is a closed working meeting with professionals, and the other one is with the affected community members. (Group work; point person: Brandon)



8. **APNEP Plan**—Assignment for Todd comparing and contrasting the updated APNEP plan with the Coastal Habitat Protection Plan and the Neuse Riverwide Basin Plan. This was in preparation for the APNEP meeting held June 8, 2011. (Group work; point person: Gabby)
9. **CELCP Grant Review**—Aid Todd and Christine with reviews of CELCP grants and to gain invaluable experience regarding grant writing/reviewing. (Group work; point person: none)
10. **Expand on Local Government Meeting Times and Schedules for Elected Officials for Remaining CAMA Counties**—See Meeting times above.
11. **Jones Island Oysters and Vegetation Data Analysis**—Analyzing the monitoring data from Jones Island to gain an initial overview on shellfish and spartina recruitment. (Individual work; point person: Tom)
12. **Governor's Package Regarding Veto on Terminal Groins**—Work with Ana to produce a package for the Governor regarding terminal groins. We used editorials from newspapers from 2006-2011 in order to help the Governor with her decision regarding the veto. (Individual work; point person: Gabby)
13. **Environmental Assessment**—Create an EA for Lexia and Ted regarding our proposed oyster restoration sites. (Group work; point person: Gabby)
14. **Energy Conference Report**—Produce a report summarizing the conference. (Group work; point person: Gabby)
15. **Follow-up with Former Interns**—Find out what former interns are up to and what they did while at NCCF so we can have an intern page on the website (Group work; point person: Tom).
16. **OBCF Assignment**—Aided Lexia in creating a document outlining the description of each watershed, what the water's are designated as, economic importance of the watershed, any strategic habitat areas, essential fish habitat and any birds in the area for the priority watersheds of the OBCF. This was to help her prepare for the OBCF meeting. (Group work; point person: None).
17. **990 RAE Forms**—See 990 Forms above.
18. **Bios for Energy Summit**—Create speaker bios for the Energy Summit on June 24, 2011. (Individual work; point person: Brandon).

Individual Summer Projects

1. **License Plate Promotion**—Brandon worked with Sally to develop marketing ideas for the Coastal Federation's license plate. As part of his research, Brandon conducted a survey of other environmental organizations – both locally and nationally – to determine how each marketed their specialty license plate. Through interviews and email correspondence, Brandon was able to gain a better understanding of how like-minded environmental organizations conducted their marketing efforts. Brandon employed the findings from his research in his suggestions to enhance NCCF's existing marketing efforts. In addition, Brandon created samples of potential promotional materials to be used for marketing purposes in the future. (Individual work; point person: Brandon)
2. **Grabowski et al. (2011) Paper**— The presentation was developed for a broader, non-science based audience and incorporated educational elements about ecosystem services provided by oysters, background information on the Crab Hole and Clam Shoal projects, and Grabowski et al.'s economic valuation. The executive summary was targeted toward a more science-based audience, yet still accessible to those that are simply coastal advocates and supporters of the Federation. The fact sheet was produced with the broader, non-science based audience in





- mind as well, and used more of a narrative voice to communicate the value of oyster reef restoration. (Individual work; point person: Sam)
3. **Social Media Project: Improving NCCF's web presence and integrated marketing**—The social media project includes plans for a more active and conversational facebook community, new ways to track and improve marketing online, plans for enhanced usability and mobile-device compatibility, and addition of an RSS newsfeed to the NCCF homepage (Individual work; point person: Tom).
 4. **State of the Coast Conference**—Aided Lauren with the Conference in any way possible. (Group work; point person: none)
 5. **GIS—Beacon Island**—Attempted to do a time-lapse analysis of coastline changes of Beacon Island, however was constrained by lack of aerial photography, other GIS data and skills needed to produce GIS layers from Google Earth. (Individual work; point person: Sam)
 6. **GIS—NCCF Properties**-- Produced two maps illustrating the basic spatial geography of NCCF conservation properties in the Onslow Bight region. Required data research, data prep, parcel analysis, and cartography. Presented in standard GIS report form that included purpose, methodology, results (the 2 maps), and an appendix with supporting models and scripts. (Individual work; point person: Sam)
 7. **Cement Industry's Impacts on Human Health**—A white document was created to synthesize existing studies, expert opinions, and EPA data on the impact the cement industry has on human health. The sixteen page document focused on various aspects of air (e.g., criteria and toxic air pollutant emissions, toxic metals released by the burning of biomass) and water quality (e.g., the accumulation of mercury in wildlife, large mining operations which burden the availability and quality of local water supplies). (Individual work; point person: Michael)
 8. **Help Organize a Working/Strategy Meeting RE: Titan**-- Created a working database of groups, people, places, organizations, etc. that have or are opposing the cement industry to help us with the symposia we are preparing - one is a closed working meeting with professionals, and the other one is with the affected community members. (Group work; point person: Brandon)

