

Application for Assistance under the Coastal Zone Management Act

New Jersey CZM

Award Number: NWJCZM2013

DUNS Number: 607415197

October 2013 to March 2015

Original Application

Revised 5/31/2013

Applicant:

Division of Coastal and Land Use Planning

NJ Department of Environmental Protection

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Grant Introduction

The NJ Department of Environmental Protection (DEP), Division of Coastal and Land Use Planning (DCLUP), is submitting a new grant application to NOAA. This grant application seeks \$2,327,500 in federal funding to continue implementation of New Jersey's Coastal Zone Management (CZM) Program, including base program implementation (Section 306) and the Section 309 Coastal Enhancement Program. The application covers implementation of grant tasks over a 15-month period beginning October 1, 2013 and ending March 31, 2015. DEP is proposing to match the federal grant award (1:1) for Section 306 (\$1,876,500) with State funds. The CZM Grant Application details the proposed expenditures of federal funds and matching State funds per task.

The Grant Application is broken down into 3 major sections: 306-Program Administration; 306-Program Implementation; and 309 Coastal Enhancement Program.

Section 306-Program Administration. Program Administration of the Section 306 Base Program of the NJ CMP includes the grant management and application preparation for Sections 306 and 309. Grant Management includes the tasks of preparation of performance and financial reports; the tracking of performance indicators, including the National Performance Measurement System and Section 312 Evaluation Metrics. Program Administration of the Section 306 Base Program of the NJ CMP also includes coordination of the CMP Divisions within the Department, including the Division of Land Use Regulation (DLUR), the Bureau of Coastal Land Use and Enforcement (BCLUE), and other agency partners. There is also extensive coordination and cooperation with both Intra- and Inter-State partners including the Barnegat Bay and National Estuary Programs, the Jacques Cousteau National Estuarine Research Reserve (JCNER), the Hudson River Walkway, the Hackensack Meadowlands Development Commission, NOAA and the Mid-Atlantic Regional Council on the Ocean (MARCO). Finally, Program Administration of the Section 306 Base Program of the NJ CMP also includes an extensive education and outreach program. This program includes implementation of the CMP web page, constituent outreach, continuing education for with CMP partners as well as for CMP staff.

Section 306-Program Implementation. Program Implementation of the Section 306 Base Program of the NJ CMP includes Policy Refinements tasks, that include the policy guidance to other NJDEP networked programs and state agencies on coastal issues, and routine program changes to update and improve the NJ CMP. These tasks also include work such as regulatory updates and an update to the CZM Program Guidance, where more significant effort is being placed in response to Superstorm Sandy. Program Administration of the Section 306 Base Program of the NJ CMP also includes individual Coastal Planning efforts.

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The Department continues to implement the Municipal Public Access Planning program, including the utilization of CZM Award funds to provide for a grant program to incentive development of municipal plans. The Department also continues to implement Governor Christie's 10-Point Plan for the Barnegat Bay. The Department is also adding a task outcome specific to recovery efforts related to the impacts of Superstorm Sandy, which remain a high priority for NJ. Coastal Permitting remains as the core of NJ's CMP. Coastal Permitting includes the implementation of multiple statutes including the Coastal Area Facility Review Act, Coastal Wetlands Act of 1970, the Waterfront Development Law, and the Freshwater Wetlands Protection Act, which are enforceable policies under the NJ CMP.

Section 309. The 309 Coastal Enhancement Grant Program (Section 309) will focus on tasks and issues identified as a result of New Jersey's Section 309 Assessment and Strategy (approved by NOAA April 2011). During this grant year NJ's Coastal Management Program (CMP) will continue implementation of activities proposed in the 2011-2015 309 Assessment and Strategy.

Program Information – 306 Section

Task: Grant Management & Reporting

Task ID: 306-1
Applicant ID: 306-1
Timeframe: October 2013 through March 2015

The development of each year's grant application, administration of grant award requirements, preparation of performance reports, contract preparation and administration, personnel administration, and budget oversight require the coordination between four assistant commissioners within the NJDEP and with OCRM, NOAA.

Task Outcomes

1. Performance and Financial Reports

Performance Reports, Financial Reports will be submitted on a bi-annual basis in accordance with the latest Performance Report Guidelines issued by NOAA/OCRM. Performance and Financial Reports will respond to all tasks outlined and approved in this CZM grant application.

Outcome End Date: March 2015

2. Section B Report

The Division of Land Use Regulation administers the coastal permit programs and the issuance of Federal Consistency Determinations pursuant to Section 307 of the Federal Coastal Zone Management Act of 1972. DCLUP will work with DLUR and the Division of Policy Implementation and Watershed Restoration (DPIWR) to prepare the Section B Report as it pertains to coastal permit and federal consistency decisions including the summary of activities and permit decisions that relate to Federal Consistency; and DPWIR as their activities result in Permit Program Rule amendments.

Deliverable: The Section B Reports are submitted with the semi-annual performance reports.

Outcome End Date: March 2015

3. Track Performance Indicators

National Performance Measurement System

The Coastal Zone Management Act Performance Measurement System tracks environmental and socio-economic factors that influence the condition of coastal areas.

NOAA has established a suite of performance measures to assess how well programs are achieving the objectives of the CZMA in six categories: Government Coordination and Decision Making, Public Access, Coastal Habitat, Coastal Water Quality, Coastal Hazards, and Coastal Dependent Uses and Community Development. The performance measures are to be tracked on a semi-annual or annual basis and will be reported directly to NOAA and through the semi-annual performance reports.

Deliverables:

- DCLUP will collect the data and submit state reports to NOAA on the six indicator issues, contextual and financial measures.
- Performance/Indicator Reports will be submitted in accordance with the - Measures #1-#17 will be reported annually and are due to OCRM at the end of each October.
- Measures #18-#22 will be reported every 5 years and are due to OCRM at the same time as the revisions to the Section 309 Assessment & Strategy.

Implementation and Tracking of Section 312 Evaluation Metrics

During the previous grant award, the CMP submitted, and received approval of, a set of metrics in each of three issue areas. These metrics will be tracked over the next five years, with annual targets identified for each, with completion in 2017. These metrics are as follows:

- Metric 1 – Public Access Planning
- Metric 2 – Outreach and Education
- Metric 3 – Sustainable Coastal Communities

Deliverables: A summary report of activities on an annual basis (year-end semi-annual performance report).

Outcome End Date: March 2015

Task Funding

Federal:	\$18,661
Non-Federal:	\$17,661
Total:	\$36,322

Task: Program Management & Coordination

Task ID: 306-2
Applicant ID: 306-2
Timeframe: October 2013 through March 2015

This task requires the coordination of activities within the Department, with NOAA, and with both Intra- and Inter-State agencies with program responsibilities in New Jersey's coastal area. The primary responsibility for this coordination task is with the DCLUP. The position of Coastal Program Manager is held by the Assistant Commissioner for Land Use Management.

The major program areas to be coordinated within the Department include the Office Management and Budget under the Assistant Commissioner for Management and Budget; the DCLUP, the DPIWR, and DLUR under the Assistant Commissioner for Land Use Management; the Coastal Enforcement Program (Bureau of Coastal and Land Use Enforcement) under the direction of the Assistant Commissioner for Enforcement; and, the natural resource programs including the Green Acres Program, the Divisions of Parks and Forestry, and Fish and Wildlife, and the Shore Protection Program under the Assistant Commissioner for Natural and Historic Resources.

Task Outcomes

1. Administration of NJ Coastal Management Program

General administration of the NJ CMP refers to the day-to-day oversight of activities that take place to effectively coordinate NJ's networked program. This outcome addresses administrative responsibilities including correspondence, communication, project delegation/management/oversight, internal coordination, meetings, 'housekeeping' responsibilities, personnel oversight, and general program management.

Outcome End Date: March 2015

2. Program Coordination

Quarterly Coastal Management Networking Meetings

In response to the 2007 NOAA 312 Evaluation Program suggestion, quarterly meetings are held between DCLUP, DLUR, and BCLUE to ensure that New Jersey's coastal zone management rules and priorities are implemented and addressed through a more coordinated and comprehensive approach. The purpose of these meetings is to coordinate activities pertaining to proposed rule amendments and adoptions, scheduling and the setting of program priorities. This action will serve to heighten the coordination

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activities between these programs. As issues are identified, additional representatives from other networked programs will be asked to participate in the meetings.

Other Program Coordination

Coordination with other programs and state agencies, most notably, the Division of Parks and Forestry, the Green Acres Program, the Division of Fish and Wildlife; Water Resource Management; the New Jersey State Police/State Emergency Management Administrator, and the Office of the Attorney General will continue on issues including:

- Permit application review;
- Coordination of non-point source pollution management;
- Stormwater management;
- Coastal area land acquisition priorities;
- Public access;
- Coastal Hazards, and
- Promotion of coastal program objectives.

Outcome End Date: March 2015

2. Intra-State Coordination

Coastal and Estuarine Land Conservation Program (CELCP)

DCLUP will continue to prioritize candidate sites that would qualify for competitive funds made available through CELCP; implement the NJ CELCP; maintain an inventory of acquisition sites acquired with CELCP and related funds; and, identify opportunities to promote coastal land acquisition. DCLUP will utilize data gathered through its section 309 initiatives to promote the acquisition of suitable open space for adaptation, wetlands migration, natural resource protection, and to buffer the impacts of coastal hazards.

DCLUP anticipates that it will propose projects for as part of the expected FY14 CELCP Funding Competition. In the absence of federal funding DCLUP will work with partners to promote and enhance this program and continue to coordinate with the JCNERR, land trusts, and the Green Acres Program to identify projects that may compete for CELCP funding (when available).

Deliverables: Summary update, and reports regarding the NJ CELCP will be provided in semi-annual Performance Reports.

Coordination with EPA - National Estuary Program (NEP)

Representatives from DEP will continue to participate, and coordinate, with the Barnegat Bay NEP, the NY/NJ Harbor Estuary Program (HEP), and the Delaware Estuary Partnership, and continue to develop joint initiatives to advance coastal zone and estuary health.

Deliverables: A summary of actions will be provided with semi-annual performance reports.

Hudson River Waterfront Walkway

The impacts to the HRW from Superstorm Sandy necessitate that the Department shift the focus of its immediate attention to the tasks of reconstructing and stabilizing the areas of the HRW that were damaged from the storm. DCLUP is leading an internal DEP Workgroup tasked with assessing the damage from Superstorm Sandy and formulating a plan for reconstruction, including funding to repair damage and long term maintenance issues.

DCLUP will coordinate with the NJ Department of the Treasury and the Federal Highway Administration (ARRA award) regarding the contract for the construction of the Hudson River Walkway from Veteran's Park to Clermont Cove. The construction of this segment of the walkway is scheduled for completion by September 30, 2013.

2013 is the 25th Anniversary of the Hudson River Waterfront Walkway. DCLUP will continue to plan and coordinate appropriate celebratory events.

Deliverables: The following will be provided in semi-annual performance reports:

- Listing of coordination activities and meetings;
- Reports and status updates relating to the repair and improvement of the HRW;
- Materials developed to support celebration event planning.

Hackensack Meadowlands Development Commission

DCLUP will continue to work with the HMDC and coordinate with NOAA toward the preparation of amendments to the HMDC Master Plan and zoning ordinances, and an eventual Routine Program Change request.

Deliverables: Status updates will be submitted with semi-annual performance reports.

Coordination with NJ Coastal Partners

DCLUP will coordinate with its Coastal Partners including JCNERR, Rutgers University, the New Jersey Sea Grant Consortium, Monmouth University-Urban Coast Institute, and Stevens Institute. Attendance at various state, regional and national meetings is required to represent the CMP on coastal issues. These meetings also serve as a mechanism to network with other coastal programs on emerging issues and to advance programs that are being implemented nationally.

CMP staff meet regularly with representatives of the US Fish and Wildlife Service, National Marine Fisheries Service, and Army Corps of Engineers to discuss pending projects with joint jurisdiction. These meetings are known as the Joint Permit Processing meetings.

Deliverables: A summary of actions will be provided with semi-annual performance reports.

Outcome End Date: March 2015

3. Inter-State Coordination

DEP, through New Jersey's Coastal Management Program, interacts with many federal agencies, state coastal programs and other non-governmental organizations on a variety of coastal issues of state, regional and national concern. Such meetings of particular importance include Coastal States Organization meetings, the Annual Coastal Program Manager's meeting, NOAA-sponsored regional and national meetings, Section 312 Evaluations, Mid-Atlantic Regional Council on the Ocean (MARCO) and the Mid-Atlantic Regional Planning Body.

NJ will continue to find coordinated solutions to coastal problems through collaboration with other coastal states, federal agencies and academic institutions. As part of this endeavor, the CMP will continue to participate with, among other, on working groups with the Harbor Estuary Program, Barnegat Bay and Delaware Estuary Programs, and continue its partnership with the Coastal Society and the National Sea Grant Program. In particular, New Jersey plans to continue improving its working relationships with the adjoining coastal state programs of Pennsylvania, New York and Delaware.

DCLUP will continue to provide staff support to the MARCO Management Board and representation on the various priority action subcommittees as the New Jersey Department of Environmental Protection lead to this initiative.

Coordination with EPA - National Estuary Programs

The Department and the DCLUP look toward a continuing role on the planning, coordination and implementation committees for the multi-state National Estuary Programs with New York, Delaware and the Commonwealth of Pennsylvania. These multi-state initiatives align closely with NOAAs 'regional initiatives' and provide additional opportunity for adjacent coastal states to coordinate. DCLUP staff will continue to serve in various positions on committees associated with the National Estuary Programs.

Mid-Atlantic Regional Council on the Ocean

DCLUP will continue to assume the lead role for the Department in coordinating with other MARCO states on coastal resource management issues such as coastal and marine spatial planning, coastal hazard and climate adaptation strategies, coastal water quality and renewable energy initiatives.

DCLUP staff will coordinate with the NJDEP Division of Sustainable and Green Energy - the NJDEP lead on renewable energy development and other Department networked programs (i.e.: Marine Fisheries). Staff will continue to coordinate on a regular basis with the other Mid-Atlantic States and with the NOAA, NMFS and OCRM at Sandy Hook, including regular conference calls and meetings as needed.

Regional Planning Body

In 2010, a Presidential Executive Order established a National Ocean Policy (NOP) to guide the protection, maintenance, and restoration of America's oceans and coasts. The NOP also calls for the creation of Regional Planning Bodies (RPBs) to coordinate and implement regional ocean planning with State, Federal, Tribal, and Fishery Management Council representatives. The Mid-Atlantic RPB will leverage existing efforts underway by States and regional entities, and engage stakeholders and technical experts at every key step.

New Jersey has nominated representatives for the RPB and DCLUP will continue to work with the MARCO States, NJ representatives on the RPB and stakeholders to advance identification of, and address, regional issues.

Deliverables: Summary updates, reports of meetings attended, and copies of presentations and materials delivered by NJ Coastal Management Program staff at meetings and workshops will be provided in semi-annual performance reports.

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Outcome End Date: March 2015

Task Funding

Federal:	\$116,797
Non-Federal:	\$55,431
Total:	\$172,228

Task: Education & Outreach

Task ID: 306-3
Applicant ID: 306-3
Timeframe: October 2013 through March 2015

The Department continues to emphasize the need for public participation and stakeholder engagement in developing rules, plans, and programs that impact the regulated community. Representatives of the CMP meet on a routine basis with advisory groups representing developers, environmental groups and municipal governments. Additionally, numerous presentations are made to civic groups and interested organizations concerning issues related to New Jersey's CMP.

This task has been identified as a section 312 metric by which the DCLUP will measure its progress over the coming five year period.

Task Outcomes

1. Web Page Implementation

DCLUP will continue the use of its web page as a public outreach tool to disseminate information through posting of coastal program documents. The web page provides another method for the public to submit inquiries from a web-based utility in the web page. The Ask CMP e-mail system enables our constituents to contact the CMP directly when viewing our web page outside of regular office hours. Since the launch of this web page visitor 'hits' have continued to rise and more and more information has been loaded onto the various pages.

The DCLUP proposes to update and enhance the various coastal web pages to include information on current initiatives, partnerships, legislation and research and to facilitate searching documents, reports, historic or archived data and useful links.

Deliverables: Summary of updates made to the Coastal Management Program web pages will be provided in semi-annual performance reports.

Outcome End Date: March 2015

2. Constituent Outreach

The CMP will continue to meet with the Departments constituent groups, particularly those groups representing environmental organizations, recreational organizations, builders and developers, and other interest groups involving them in policy development and providing them an opportunity to raise issues.

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DCLUP will also continue to coordinate with the NJSGC, JCNERR and National Estuary Programs to provide technical assistance, education and outreach support on coastal issues.

Deliverables: Summaries of public hearings (if applicable and transcripts are available) and meetings will be provided with semi-annual performance reports. Information on public outreach events, audience (number and sectors represented) and presentation materials will be provided with semi-annual performance reports.

Outcome End Date: March 2015

3. Continuing Coastal Program Education

DLUR staff will continue to conduct training programs for the public through the Rutgers University Continuing Education and Cooperative Extension Program. These Education programs will be on topics such as Wetlands Delineation including Vegetation Identification, Methodology for Delineating Wetlands, Introduction to Mitigation, Hydrology and Freshwater Wetland Construction Techniques and Stormwater Management. In addition DLUR, BCLUE, DPIWR and DCLUP staff will continue to hold and attend public meetings and hearings with constituent groups for coastal permit applications and as part of the rulemaking process.

Deliverables: Copies of presentations/materials; listing of courses offered in coordination with the Division of Land Use Regulation will be provided with semi-annual Performance Reports.

Outcome End Date: March 2015

3. Coastal Management Program Staff Training

New Jersey's CMP is a networked program across several divisions within the Department. As such it is often the case where programs become immersed in their program mission and so often miss opportunities to coordinate. In order to keep the lines of communication and coordination open cross-training has become an effective tool. Cross-training can be applied to science and technical skills, rule and administrative changes, new and emerging issues and personal development training as it supports outreach to the regulated community and stakeholders.

In this task the DCLUP proposes to coordinate with the JCNERR, NOAA CSC and others to present at least five cross-training opportunities to Coastal Program staff within the NJDEP and other Department and state agency programs that share responsibilities for the management of coastal resources or activities that may impact the coastal area.

Federal Consistency Training

The CZMA provides under the Federal Consistency provisions that federal actions that are reasonably likely to affect any land or water use or natural resource of the coastal zone be consistent with the enforceable policies of a coastal state's or territory's federally approved coastal management program. The state CMP reviews the federal action to determine if the proposed action will be consistent with the Coastal Management Program.

The NJ CMP will hold training sessions for CMP networked programs. These training sessions benefit DEP and other state agency staff that may be affected by activities subject to federal consistency review.

Deliverables: Status updates, lists of course attendees and presentation materials for each course as developed and delivered will be provided with semi-annual performance reports.

Outcome End Date: March 2015

4. NJ Clean Marina Program

DCLUP will continue to implement the 10th year of the Statewide New Jersey Clean Marina Program and will coordinate the implementation with other NJ DEP programs actively engaged in the education, permitting, compliance, and monitoring of marina facilities.

As the NJ Statewide Clean Marina Program is in its 10th year the DCLUP will:

- Review the Clean Marina Guidebook and update as necessary, and engage in an outreach initiative to contact all the marinas in NJ to ensure that they are aware of the program and to engage their participation;
- Reconvene the Clean Marina Advisory workgroup for a review of the Clean Marina Program and to identify new opportunities for coordination;
- Explore opportunities to expand the scope of the Clean Marina Program to address practices at boat launches and at private slips, dockages or moorings;
- Explore and develop tools, tips, education, and guidance specific to boat owners/operators - 'How to be a clean boater';
- Further develop the Clean Marina webpage as an outreach and education tool to reflect the success of this initiative and opportunities for program participation and growth;
- Explore the concept of a focused place-based approach to the Clean Marina Program targeting specific clean marina actions to water bodies the marinas are located in, and/or focus the 2014-15 Clean Marina Program activities primarily in the Barnegat Bay.

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DCLUP will continue to contract with the New Jersey Sea Grant Consortium to implement the marina outreach and technical assistance program developed as part of NJ's Clean Marina Program. The DCLUP Clean Marina Program Coordinator will oversee the contract with the NJSGC and actively participate in the outreach and survey efforts identified in the scope of work for the NJSGC. The contract services with the New Jersey Sea Grant Consortium will include:

- A workshop/ training event for marina owners and staff on a relevant topic, or round-table event(s), to assist marina owners in completing the clean marina self-assessment checklist;
- Replenishment of Clean Marina materials such as signs (approximately 200 signs are needed), printed guidebooks and/or CDs;
- Explore the creation of an interactive Guidebook for applying for Clean Marina Status;
- Technical assistance, marina visits, BMP identification;
- Continue to prepare and distribute the Clean Marina newsletter; and
- Develop and distribute a survey to gauge the benefits of the Clean Marina Program and to identify areas, where the program can help more marinas pledge and gain designation, and to implement new incentives to increase support and involvement in the program.

Deliverables:

- Status reports on marina participation;
- Copies of or links to information posted on the website;
- Copies of or links to educational material prepared and distributed to marina owners/operators and boaters;
- Status reports on progress made on focused initiatives identified in the list of contract services above;
- Copy of Contract with NJMSC; and
- Copies of or links to newsletters, fact sheets and materials developed during the course of the Contract and in coordination efforts with other DEP programs.

Outcome End Date: March 2015

Task Funding

Federal:	\$100,701
Non-Federal:	\$35,684
Total:	\$136,385

Task: Policy Refinement

Task ID: 306-4
Applicant ID: 306-4
Timeframe: October 2013 through March 2015

The DCLUP will coordinate with, and provide guidance to, other Department programs and state agencies on policy and rule interpretation as it pertains to coastal resources and issues, as well as the history of the numerous laws, regulations, and the CMP. DCLUP will coordinate with other networked programs on the amendments to existing and newly proposed CMP rules, policy refinements, Routine Program Changes, and Federal Consistency.

DCLUP is also proposing to begin the development of a Coastal Data Assessment Project. The primary purpose of this project is to collect and update the data that serves as the backbone for decision-making within the NJ CMP.

Task Outcomes

1. Policy Guidance

Provide guidance to DEP staff and state agencies on policy and rule interpretation as relates it to coastal resources and issues.

DCLUP is also responsible for reviewing proposed legislation at both the state and federal levels and assessing the impact of legislation on the implementation of the NJ CMP, related regulations, rules, standards and policies), and/or its coastal resources.

Deliverables: Policy guidance provided will be summarized in semi-annual Performance Reports.

Outcome End Date: March 2015

2. Regulatory Updates

New Jersey is committed to rebuilding coastal areas to be safer and more resilient following the unprecedented devastation from Superstorm Sandy. During the first half of the Year 32 Grant Period, the Department adopted both emergency amendments to the Flood Hazard Area rules and took the necessary administrative and legal steps to make these changes permanent. These rules established new elevation standards for new and reconstructed buildings that will protect lives and property, incorporating the Federal Emergency Management Agency's (FEMA) Advisory Base Flood Elevation (ABFE) maps. Additional information can be found at:

<http://www.nj.gov/dep/landuse/SandyFAQ.html>.

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During that time, the Department also adopted emergency amendments, repeals, and new rules to the Coastal Permit Program rules, N.J.A.C. 7:7, and Coastal Zone Management rules, N.J.A.C. 7:7E, and took the necessary administrative and legal steps to make these changes permanent.. Immediately after the storm, NJ took swift action to ease red tape for local governments that needed to make emergency repairs to public infrastructure such as roads, bridges, bulkheads and culverts. NJ also implemented a permit by rule process for property owners who rebuild to new statewide elevation standards in flood hazard zones.

In the Year 33 Grant Period, the Department intends to engage in a more in-depth review of the Coastal Zone Management and the Coastal Permit Program rules while engaging stakeholders in the development of a strategy to address potential rule amendments. DPIWR has the lead for Land Use Management in proposing amendments to the Coastal Zone Management and Coastal Permit Program Rules. The DPIWR will work with DLUR, DCLUP, and stakeholders towards the pre-proposal, response to public comment and proposal phases of these rule amendments.

The current strategy is to propose to align the administrative procedures of all the rules administered by the DLUR and address key and more substantive coastal regulatory amendments as a first phase of rule changes after emergency rule adoption. Subsequent to those rule changes, the Department intends to complete a more comprehensive Coastal Zone Management and Coastal Permit Program Rules overhaul that will incorporate resiliency and community sustainability after this first phase of rule amendments and after the emergency rule adoption.

Deliverables: Updates on the rulemaking process will be summarized in semi-annual Performance Reports, along with additional information as appropriate.

Outcome End Date: March 2015

3. Routine Program Changes

As the Department works towards amending and re-adopting its CMP-related rules and authorities, the DPIWR, DCLUP and DLUR will work with NOAA through the development of routine program change submittals.

Deliverables: Updates on the rulemaking process will be forwarded to NOAA/OCRM and summarized in semi-annual Performance Reports, along with additional information as appropriate.

Outcome End Date: March 2015

4. Update NJ CZM Program Guidance

As the CZMA approaches its 40th anniversary the New Jersey Coastal Management Program will enter its 33rd anniversary of federal approval. Approved in August of 1980 the 'Orange Book', New Jersey Coastal Management Program Final EIS (dated August 1980) still remains the state's CZM Program Guide. Over the past 31 years administrations have changed, program changes have been approved, rules have been proposed, adopted and amended, numerous federal and state strategic plans have been implemented and the Orange Book has remained the CZM Program Guide. The state's CZM Program has been well served by the policies found in the 'Orange Book'. In recognition that the state CZM Program has matured over the past decades and coastal issues have evolved and changed, the Department is continuing to review the policies, authorities and approaches contained within the EIS. This effort is intended to eventually update the state's Coastal Zone Management Guidance Document to reflect the current environmental, social and economic conditions and to ensure that the CMP can be responsive to new and emerging issues. It is anticipated that this update will result in the identification of achievements, revised and/or new enforceable policies and authorities and ensure that the NJ CMP policies will achieve a healthy and sustainable coastal zone.

To that end, the Department is embarking upon the development of a Coastal Data Assessment Project. The primary purpose of this project is to collect and update the data that serves as the backbone for decision-making within the NJ CMP. The long-term proposal is to develop a NJ Coastal Atlas that will, among other features, make a wide array of coastal data available to the many New Jersey stakeholders who have an interest in effective coastal management and a high quality and productive coastal environment. The primary steps of the Coastal Data Assessment Project include:

- Identify data sets critical for 1) coastal permitting decisions, and 2) coastal resource management planning, and assess the quality and completeness of these data sets. First priority is that information needed for regulatory decision-making.
- Prioritize data development needs based on the assessment, i.e., what are the significant data gaps and quality concerns?
- Develop a work plan to address these needs, including cost estimates;
- Implement the data development work plan in a phased manner as resources permit.
- Develop a work plan for designing and implementing a NJ Coastal Atlas using existing state coastal atlases and regional data portals as potential models.

It is anticipated that some of the initial coastal data needs that will be assessed include resource information such as submerged aquatic vegetation, shell fish beds, wetlands; coastal infrastructure at flooding risk such as sewer pump stations and sewer pipe networks (e.g., for NJ's Emergency Response Management System initiative; and base

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data layers such as an update of LiDAR data, particularly recognizing recent topographic changes resulting from Superstorm Sandy.

Deliverables: Updates on stakeholder engagement, and the status of progress will be summarized in semi-annual Performance Reports, along with additional information as appropriate. It is anticipated that steps 1 – 3 above will be completed this grant year resulting in:

- An assessment report on critical data sets, including an explanation for their
- A workplan that provides a path for improving the quality and value of these priority data sets, including cost estimates.

Outcome End Date: March 2015

Task Funding

Federal:	\$116,038
Non-Federal:	\$33,129
Total:	\$149,167

Task: Coastal Planning

Task ID: 306-5
Applicant ID: 306-5
Timeframe: October 2013 through March 2015

This task includes DCLUP's ongoing planning-related activities based primarily on recent NJ initiatives, including municipal public access planning, activities related to the Governor's Barnegat Bay Ten-Point Action Plan, and recovery efforts related to Superstorm Sandy.

Task Outcomes

1. Municipal Public Access Planning

DCLUP will continue to oversee the development of voluntary Municipal Public Access Plans (MPAP) which are allowed under the November 2012 adopted changes to the Coastal Zone Management Rules, N.J.A.C. 7:7E, and will coordinate implementation with other NJDEP programs that are engaged in the education, permitting, and compliance of public access locations and facilities.

DCLUP will:

- Continue to provide technical guidance and assistance identifying and mapping public access sites, and identifying conservation/preservation tools in the development of MPAPs;
- Update Municipal Public Access Planning program tools such as the MPAP template and other support documents as necessary;
- Explore opportunities to expand the scope of the Municipal Public Access Planning program to ensure public access is being provided in the best way possible; and
- Continue to update and enhance the Department's Public Access webpage as an outreach and education tool for municipal officials and the general public. The webpage is available at <http://www.state.nj.us/dep/cmp/access/>.

This task has been identified as a section 312 metric by which the DCLUP will measure its progress over the coming five year period.

Municipal Public Access Planning Grant Program

To help incentivize development of MPAPs and to provide DCLUP with information and experience that can be used to improve the Municipal Public Access Planning Program, DCLUP created the Municipal Public Access Plan Grant Program. DCLUP issued the first request for proposals (RFP) for this grant program in April 2013 and expects to offer a second round of funding in 2014 as well. The 2013 RFP is available at <http://www.state.nj.us/dep/cmp/access/mpapgrant.htm>.

Deliverables (provided in semi-annual performance reports):

- Status reports on technical assistance provided to coastal communities;
- Status of the number of MPAPs submitted and adopted;
- Examples of submitted and adopted MPAPs and associated public notices;
- Copies of new information posted on the webpage; and
- Status report on Municipal Public Access Planning Grant Program proposals and awards.

Outcome End Date: March 2015

2. Governor's Barnegat Bay Ten Point Action Plan

On December 9, 2010, Governor Chris Christie announced a comprehensive action plan to address the ecological health of the 660-square-mile Barnegat Bay watershed. The Administration has been aggressively implementing that plan including the following actions:

- \$28.8 million has been made available for stormwater management projects with a pledge of \$100 million over the next 10 years;
- Legislation establishing the toughest fertilizer law in the nation has been passed and standards for soil health and restoration have been proposed;
- New Jersey's first comprehensive water monitoring network was established with over 5,000 water samples taken and analyzed;
- The first comprehensive Barnegat Bay biological research agenda was implemented with 10 studies aimed at filling in knowledge gaps;
- The State acquired nearly 3,000 acres of open space in the Barnegat Bay watershed and is committed to purchasing 30,000 acres over the next 30 years;
- A comprehensive public education program has been developed to raise awareness of the importance of the health of Barnegat Bay, and
- Three successful watershed-wide cleanups (the "Barnegat Bay Blitz") have been conducted resulting in thousands of pounds of litter being picked up.

A complete description of the initiative can be found at:

<http://www.nj.gov/dep/barnegatbay/index.htm>.

The NJ CMP is engaged in a number of activities that complement the Barnegat Bay Ten Point Plan; these include, among others, enhancing public access in the watershed; a living shoreline initiative; and assisting Barnegat Bay communities improve their resiliency to coastal hazards. The NJCMP is also a member of the Department's Barnegat Bay Team, a multi-program work group that convenes regularly to discuss progress in implementing the ten point plan, identifies solutions for implementation issues, and proposes additional strategies that are consistent with the overall objective of

improving the bay's ecological health. The NJ CMP will continue to participate in this process.

Although one of the action items within the ten point plan – a Barnegat Bay Special Area Management Plan – is currently on hold, the NJCMP will seek to develop and propose a community-based comprehensive planning approach as an alternative to the SAMP in order to revive municipal interest and activity in protecting the watershed.

Deliverable: The NJ CMP will develop a concept document for the Commissioner, premised on the value and feasibility of the sustainable communities' approach that describes how community greening can not only improve local quality of life but, in aggregate, can enhance the ecological and economic health of the watershed and bay. The paper will explain the merits of this approach as well as offer strategies that enable both short and long-term implementation options.

Outcome End Date: March 2015

3. Sandy Recovery Functions

The Department has focused a significant amount of attention and staff effort toward the recovery of the state from the impacts of Superstorm Sandy. Information on a wide range of Department activities from community assistance to wet debris removal can be found at: <http://www.state.nj.us/dep/special/hurricane-sandy>.

The Department has worked with other state and federal agencies to prepare prioritized lists of actions and projects that require disaster relieve resources from all available FEMA and Federal Supplemental funding sources.

At this time, impacts of the storm and resulting actions of the NJ CMP are still being considered. At such time that decisions impacting the NJ CMP are made, re-programming of portions of this grant may be appropriate.

Deliverables: Updates on key initiatives undertake for sandy recovery pertaining to coastal zone management staff and issues.

Outcome End Date: March 2015

Task Funding

Federal:	\$208,869
Non-Federal:	\$43,063
Total:	\$251,932

Task: Coastal Permitting

Task ID: 306-6
Applicant ID: 306-6
Timeframe: October 2013 through March 2015

Administration of the coastal permit programs includes coastal permit review, federal consistency, and requests for adjudicatory hearings to contest permit decisions. The Division of Land Use Regulation (DLUR) administers coastal permit programs including the Coastal Area Facility Review Act, Coastal Wetlands Act of 1970, the Waterfront Development Law, and the Freshwater Wetlands Protection Act, which are enforceable policies under New Jersey's Coastal Management Program. In addition, DLUR is responsible for the issuance of Water Quality Certifications and Federal Consistency Determinations. The rules which govern permit decisions under these statutes are the Coastal Zone Management rules N.J.A.C. 7:7E, the Coastal Permit Program rules, N.J.A.C. 7:7, the Freshwater Wetlands Protection Act rules, N.J.A.C. 7:7A, Stormwater, Management rules, N.J.A.C. 7:18 and NJPDES rules, N.J.A.C. 7:14A.

1. CAFRA - The Coastal Area Facility Review Act was enacted in 1973 and later amended on July 19, 1993. A CAFRA Permit is required for a broad range of activities in the CAFRA Zone. Jurisdictional thresholds are based on the projects proximity to the mean high water line of tidal waters, or the landward limit of a beach or dune.
2. Coastal Wetlands: The Wetlands Act of 1970, authorizes the Department to regulate all development within mapped tidal wetlands.
3. Waterfront Development: The Waterfront Development Law, enacted in 1914, authorizes the DEP to regulate all development on or adjacent to navigable waterways.
4. Freshwater Wetlands: The Freshwater Wetlands Protection Act, enacted in 1987, authorizes the DEP to regulate development in and in close proximity to wetlands. New Jersey assumed the Federal 404 wetlands permitting program in 1994 for the majority of the State's wetlands, at which time the Act and rules were incorporated into the NJ Coastal Management Program.
5. Water Quality Certification: Certifications are issued in accordance with Section 401 of the Federal Clean Water Act. Requests for Water Quality Certifications are also reviewed in accordance with other applicable statutes and regulations administered by the Department including the Surface Water Quality Standards (N.J.A.C. 7:9-4).

6. Federal Consistency Determinations: Section 307 of the Federal Coastal Zone Management Act of 1972 requires that various federal activities be conducted in a manner consistent, to the maximum extent practicable, with the approved state coastal management program.

7. Requests for an adjudicatory hearing to contest a permit decision: The Division is responsible for the administration of requests for an adjudicatory hearing to contest a permit decision. Department rules provide the opportunity for interested persons who find themselves aggrieved by a permit decision made by the Division to request an adjudicatory hearing to contest a permit decision. The Department's Office of Legal Affairs is responsible for the initial processing of the hearing request and determinations of contested case status. The Division is represented by the Attorney General's Office. Adjudicatory hearings contesting a permit decision are heard by the New Jersey Office of Administrative Law, Appellate or Superior Courts of New Jersey.

8. Technical Assistance: Also included in the administration of the coastal permit programs is the responsibility to provide technical assistance in project design during pre-application meetings. Staff routinely provides applicants with technical assistance by helping design and/or redesign projects to meet the Department's rules. Additionally staff provides applicants with technical assistance in developing dune creation, shore protection projects and dredged material sampling analysis.

Task Outcomes

1. Coastal Permit Program Administration

Administer coastal permit program, review and issue final decisions on applications for CAFRA, Coastal Wetlands, Waterfront Development, and Freshwater Wetlands permits Water Quality Certifications and Federal Consistency concurrences.

Implementation of the coastal permit programs includes:

- Processing of inquiries concerning program applicability and procedural requirements;
- Scheduling and conducting pre-application conferences;
- Processing of permit applications (including site inspections when applicable);
- Preparation of preliminary and summary analyses or environmental reports;
- Preparation of condition compliance documents;
- Scheduling and holding of public hearings; and the rendering of permit decisions.

Deliverables: The following information will be provided with semi-annual performance reports:

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Original Application Revised 5/31/2013

- Section B Report
- The volume of permitting activities will be included in the Section B Report.

Outcome End Date: March 2015

2. Federal Consistency Determinations

DLUR will continue to review federal actions for consistency with the enforceable policies of the NJ CMP.

Deliverables: The following information will be provided with the semi-annual Section B Report performance reports:

- Federal consistency reviews and activities during the performance period
- The volume of permitting activities will be included in the Section B Report.

Outcome End Date: March 2015

3. Requests for adjudicatory hearings

The Department's rules provide the opportunity for interested persons who find themselves aggrieved by a permit decision made by DLUR to request an adjudicatory hearing on a permit decision. Requests for an adjudicatory hearing are made to the Office of Legal Affairs for the initial processing of administrative hearing requests and determinations of contested case status. DLUR will continue to play an active role in defending coastal permit decisions, assisting the Attorney General's Office in responding to interrogatories, reviewing briefs, and testifying in court and the Office of Administrative Law.

DLUR will also participate in settlement discussions and Alternative Dispute Resolution as appropriate. Moreover, DLUR will hold meetings with applicants contesting coastal permit decisions to guide them into bringing a proposed development into compliance with coastal regulations. If a proposed development can be revised to demonstrate compliance, the Division will issue a coastal permit.

Deliverables: A summary of decisions will be provided with semi-annual performance reports.

Outcome End Date: March 2015

4. Technical Assistance

Also included in the administration of the coastal permit programs is the responsibility to provide technical assistance in project design during pre-application meetings and throughout the review process. Staff routinely provides applicants with technical assistance by helping design and/or redesign projects to meet the Department's rules. Additionally, staff provides applicants with technical assistance in developing dune creation, shore protection projects and dredged material sampling analysis.

This is a routine service provided by the Department to ensure that applications for permits can be expeditiously reviewed, will meet permit requirements and be granted. It would be unduly burdensome to report on each meeting, there is no guarantee that the applicant will meet or abide by the recommendations provided.

DLUR will continue to staff the Call Center that was established to provide quick and easy access to assistance in applying for applicable permits. Call Center staff provides status updates on pending permit applications, technical assistance in the proper permits to obtain, assistance with the application review process and how to complete forms, and general information.

Deliverables: A summary of technical assistance will be provided with semi-annual performance reports.

Outcome End Date: March 2015

Task Funding

Federal:	\$814,106
Non-Federal:	\$1,226,134
Total:	\$2,040,240

Task: Coastal Permit Monitoring, Compliance & Enforcement

Task ID: 306-7
Applicant ID: 306-7
Timeframe: October 2013 through March 2015

The Bureau of Coastal and Land Use Compliance and Enforcement (BCLUE) enforces CAFRA, the Wetlands Act of 1970, freshwater wetlands within the Coastal Zone, and the Waterfront Development Law, which provide the authority for the CMP in New Jersey. Permits authorizing activities, which, if violated, have the potential to result in significant adverse impact to coastal resources receive compliance monitoring inspections. For those projects not complying with the permit requirements, BCLUE issues administrative Notices of Violation in order to obtain compliance and seek administrative or legal remedies. BCLUE continues to expand the impact, timeliness, and deterrent effect of enforcement in New Jersey's coastal zone for prioritized activities deemed to be of significant environmental harm or significant potential environmental harm. Along with increased emphasis on permit compliance, the number of penalty actions has increased. This has led to the need to actively manage the enforcement workload so that compliance activities are strictly prioritized to ensure that resources are being applied to accomplish the maximum environmental benefit.

Task Outcomes

1. Program Administration

Administer coastal monitoring, compliance and enforcement program, review and issue final decisions on applications for CAFRA, Coastal Wetlands, Waterfront Development, and Freshwater Wetlands permits, Water Quality Certifications and Federal Consistency concurrences.

Deliverables: The following information will be provided with semi-annual performance reports:

- Section B Report
- The volume of enforcement activities will be included in the Section B Report.

Outcome End Date: March 2015

2. Routine Permit Compliance or Complaint Inspections

BCLUE will conduct routine, proactive permit compliance inspections of the larger authorized coastal projects. BCLUE and DLUR have agreed on a set of criteria which BCLUE will use to determine which sites BCLUE will prioritize and schedule compliance monitoring inspections. BCLUE will respond to complaints of violations of

the coastal rules of all types by conducting mapping and field inspections to document violations and seek compliance as appropriate. For both permit compliance inspections and response to complaints, BCLUE will document compliance or violations, issue a notice of violation for all observed noncompliance, resolve cases through informal and formal mechanisms, seek restoration and/or mitigation and where appropriate, issue administrative orders and penalty assessments utilizing increased penalty amounts authorized by the Environmental Enforcement Enhancement Act (EEEEA). BCLUE conducts most inspections by land, but has the capability to make inspections by boat.

Deliverables: The following information will be provided with semi-annual performance reports:

- Statistical reports summarizing activities under each of the four statutory programs, including permit compliance inspections, complaint investigations, notices of violations issued, and penalty assessments issued under each coastal statute.
- Narrative descriptions of significant enforcement activities, enforcement initiatives, activities toward increasing public access to waterways, freshwater wetlands activities in the Coastal Zone, the Hudson Riverfront Walkway enforcement actions, and inter-governmental coordination efforts.

Outcome End Date: March 2015

3. Technical Assistance, Education and Outreach

In the course of their daily activities the BCLUE provides education to private citizens and public and commercial entities striving to raise the level of awareness of the CZM rules, CAFRA, Waterfront Development, and Tidelands requirements in relation to issues such as beach maintenance, dune protection, coastal wetland protection, and public access. Staff routinely provides education to support groups such as the NJ Watershed Ambassador Program with occasional programs for real estate professionals and municipal officials. The Department will conduct in-house training seminars for enforcement staff for cross-training purposes. As the BLUCE office is located 'in the field' they are often called upon to provide technical assistance to local government officials prior to embarking on a development project (site inspection/interpretation) and property owners who may be faced with addressing a notice of violation or complaint.

Deliverables: A summary of education and outreach activities and technical assistance provided by BCLUE as well as cross-training received and provided will be highlighted in the semi-annual performance reports.

Outcome End Date: March 2015

#New Jersey CZM: AwardNWJCZM2013 10/1/2013 to 3/31/2015
Original Application Revised 5/31/2013

Task Funding

Federal:	\$501,328
Non-Federal:	\$465,398
Total:	\$966,726

Program Information – 309 Section

Task: Coastal & Marine Spatial Planning

Task ID: 309-1
Applicant ID: 309-1
Timeframe: October 2013 through March 2015

Coastal and Marine Spatial Planning (CMSP) is a comprehensive, integrated, science and ecosystem-based approach to address conservation, economic activity and sustainable use of ocean and coastal resources. New Jersey began preliminary work in this area with development of a limited ocean atlas in 2004; gathered data on offshore biological resources through an offshore ecological baseline study from January 2008 through December 2009, and participated via the Mid-Atlantic Regional Council on the Ocean (MARCO) in development of a Mid-Atlantic Data Portal (<http://portalmidatlanticocean.org/portal/>) to host and provide access to regional offshore data. The section 309 multi-year strategy for this enhancement area will build on these previous efforts.

Coincident with the proposed development of a coastal and marine spatial planning framework for New Jersey's ocean waters, DCLUP will continue to work with MARCO to advance identification of and address regional issues. This Section 309 strategy task continues working with the federal government and stakeholders on CMSP to advance the recommendations of the Interagency Ocean Policy Task Force, adopted by the 2010 Federal Executive Order on Stewardship of the Ocean, Coasts, and the Great Lakes National Ocean Policy).

This task proposes as an outcome the development of a coastal and marine spatial planning framework for the area offshore of New Jersey as an element of a broader regional planning process and as part of the federal framework. The development and adoption of a coastal and marine spatial planning framework will provide data to better inform renewable energy siting criteria, informing commercial activity and ocean resource management decision making. It is anticipated that the CMS Planning effort may result in revisions to New Jersey's enforceable policies (Rules on Coastal Zone Management). Federal consistency under the Federal Coastal Zone Management Act CZMA, with its reliance on enforceable policies, is the key authority available to New Jersey to review and comment on activities proposed in federal waters off our shore.

DCLUP will also continue, through participation in MARCO, to coordinate regional CMSP development.

The key steps New Jersey will take to develop a coastal and marine spatial planning framework include:

1. Identifying objectives;
2. Identifying and cataloging past and existing efforts that will help shape the marine spatial planning effort;
3. Engaging stakeholders and the public in capturing human use data (PGIS workshops);
4. Consulting scientists and technical and other experts;
5. Analyzing data, uses, services, and impacts;
6. Preparing a marine spatial planning framework; and
7. Collaboration on data development and contribution of data to the MARCO Portal.

Task Outcomes

1. Coordination with MARCO and Regional Planning Body

Coordination between the State coastal management program and the activities of MARCO are advantageous to the implementation of the Section 309 Ocean Resources Strategy as this coordination informs the actions of NJ in relationship to federal and adjacent coastal state activities. Coordination and participation allows for the leveraging of ideas and resources and planning for ocean resource management.

DCLUP will continue to participate on the MARCO Management Board and on the various subcommittees associated with the Action Agenda items, i.e., the Climate Change, Habitat, Offshore Renewable Energy and CMSP Action Teams. Specifically, this task addresses the DCLUP coordination efforts to enhance the MARCO Data Portal develop and or enhance existing data sets through new mapping initiatives and stakeholder engagement as identified under the Participatory GIS outcome.

DCLUP will also continue to work with the MARCO States and NJ representatives on the Mid-Atlantic Regional Planning Body to advance identification of, and address, regional issues. DCLUP continues working with the federal government and CMSP stakeholders to advance the recommendations of the Interagency Ocean Policy Task Force, adopted by the 2010 Federal Executive Order on Stewardship of the Ocean, Coasts, and the Great Lakes.

Deliverables: Summary reports of coordination activities will be provided with semi-annual performance reports.

Outcome End Date: March 2015

2. Stakeholder Engagement - Participatory GIS

Participatory GIS (PGIS) is a practice in which local communities or stakeholders share their knowledge and opinions to help generate maps to inform management and decision-making. PGIS fosters discussion and collaboration among stakeholders and can capture important knowledge from underrepresented groups.

In the effort to enhance the data available to the MARCO CMSP Portal project, PGIS was identified as a key element in engaging the stakeholders holding various types of information. DCLUP is proposing to use the PGIS format to engage recreational fishers to develop a more robust and up-to-date data set that may result in amendments to the Coastal Management rules as they pertain to recreational fishing areas and as a refinement to the renewable wind siting criteria. The commercial fishery industry may also be targeted as a stakeholder group for participatory GIS as well as other recreational user groups.

DCLUP will partner with MARCO action team members, NOAA CSC, and the Monmouth Group to develop the skill set necessary for successful engagement of stakeholders in this PGIS exercise. Due to Superstorm Sandy, previously scheduled PGIS meetings have been postponed until November 2013. Meeting planning, stakeholder engagement and map development is ongoing, allowing for greater constituent outreach.

Deliverables: Status reports of stakeholder engagement, schedules, participants and copies of data sets developed through this exercise will be provided with semi-annual performance reports.

NOTE: A Data Sharing Plan has been drafted pursuant to NOAA's New Environmental Data Sharing Policy and can be provided as necessary and appropriate.

Outcome End Date: March 2015

Task Funding

Federal:	\$76,685
Non-Federal:	\$0
Total:	\$76,685

Task: Wetlands/Living Shorelines Adaptation

Task ID: 309-2
Applicant ID: 309-2
Timeframe: October 2013 through March 2015

NJ's shorelines continue to erode from the impacts from coastal storms, normal tidal exchange, recreational boat wakes, and sea level rise. In the past, the standard response to this erosion was the construction of shoreline stabilization structures to protect property from these adverse effects. While hardened structures have proven to be beneficial in reducing property damage, such structures have been found to contribute to additional loss of coastal wetlands habitat, natural shoreline features, and in some cases increased erosion of adjacent properties. Alternative forms of shoreline stabilization would provide habitat and less disruptive forms of protection.

In order to combat coastal erosion and wetland loss along sheltered coasts, many states are creating "living shorelines." Living shorelines employ natural habitat elements to protect shorelines from erosion while also providing critical habitat for wildlife and water quality benefits. DCLUP proposes to develop a NJ-specific strategy to promote the use of living shorelines and other alternative shoreline stabilization strategies.

Task Outcomes

1. Living Shorelines Strategy

DCLUP will lead a Living Shorelines Advisory Committee comprising applicable Department programs and CMP New Jersey coastal management partners to develop a NJ-specific Living Shorelines Strategy. This effort will build on ongoing and planned shoreline assessments and wetlands monitoring to identify geographic areas and site-specific criteria to determine the appropriate locations and designs for building living shorelines in NJ.

This strategy will address the development of guidelines and enforceable policies supporting the use of living shorelines or other adaptive management strategies (e.g., green infrastructure) as alternatives to, or in conjunction with, new or retrofitted shoreline stabilization structures. It is also expected to result in living shoreline pilot projects to assess and refine the strategy.

This Living Shorelines Strategy will also incorporate an education and outreach component to promote awareness of these alternative approaches to shoreline stabilization, and their benefits to the coastal ecosystem. DCLUP will build on existing partnerships at all levels of government, non-governmental organizations, private sector and academia to identify and successfully implement science-based strategies that may

be adapted to the specific challenges of individual coastal areas around the state (tidal riverine, back-bay), and engage partners in education and outreach activities to promote use of living shoreline techniques in coastal areas.

DCLUP will take the following specific actions toward development of the Living Shorelines Strategy:

1. Complete draft strategic direction paper with NJDEP living shorelines advisory committee and provide to senior management for review and approval;
2. Set up coordination meeting with Federal agencies, i.e., FEMA, NOAA, Army Corp of Engineers, and USFW;
3. Coordinate with NOAA and appropriate partners to design and conduct a Shoreline Assessment and Restoration Suitability Analysis;
4. Develop engineering practices applicable to a range of shoreline types and conditions;
5. Develop a shoreline inventory to further refine selection of appropriate application of practices and guide a more uniform regional integration of practices;
6. Construct, monitor, and evaluate pilot projects to see what works best in different areas and conditions in NJ;
7. Work with appropriate partners to apply for NOAA supplemental funds available for living shorelines projects.

An anticipated longer-term outcome from development and implementation of the Living Shorelines Strategy are coastal rule amendments that facilitate installation of living shorelines wherever feasible and effective.

Deliverables: Strategic direction paper; summary updates and reports of meetings attended will be provided in semi-annual performance reports.

Outcome End Date: March 2015

Task Funding

Federal:	\$41,510
Non-Federal:	\$0
Total:	\$41,510

Task: Cumulative & Secondary Impacts

Task ID: 309-3
Applicant ID: 309-3
Timeframe: October 2013 through March 2015

Cumulative and secondary impacts or effects describe the changes in the coastal environment resulting from numerous human activities and small-scale alterations to the natural environment. DCLUP is attempting to identify and manage the cumulative and secondary impacts that coastal development has on New Jersey's valuable coastal resources such as tidal marshes and wetlands, wildlife habitat, fish and shellfish, public lands and overall water quality.

The NJ CMP recognizes the environmental benefits of addressing cumulative and secondary impacts, not only through the permitting of individual projects, but also in the context of local land use planning.

Task Outcomes

1. Sustainable Coastal Communities

DCLUP will work with municipalities to examine current plans and ordinances to gauge their effectiveness in protecting coastal resources and promoting sustainable communities. DCLUP will work with municipalities to develop sustainable community visions, plans, ordinances and policies protective of coastal resources. Implementing sustainable plans at the local level is critical to long-term protection of coastal resources

Innovative local coastal management projects can inspire community action and promote the protection and effective management of coastal resources while also achieving local economic and social objectives. Projects include protecting natural resources; protecting historic resources, traditions and community values; and decreasing the costs associated with public infrastructure.

Drawing on current State and federal coastal management priorities, DCLUP will define coastal resource protection needs. Based on these needs, DCLUP will utilize sustainable local growth management approaches that include developed and organized actions (BMPs, ordinances, policies, planning tools, etc.) for local environmental enhancement (e.g., State Plan Endorsement; Sustainable Jersey Program), or develop new criteria, as necessary. The DCLUP in coordination with local and regional resource protection organizations as appropriate, will provide technical assistance (and, as possible, incentives) to communities that seek to participate in this voluntary initiative. If new criteria are developed, NJ CMP will describe criteria and submit to OCRM for approval and incorporation into the measure.

This task has been identified as a section 312 metric by which the DCLUP will measure its progress over the coming five year period.

Deliverables: DCLUP will identify the municipalities that participate in Sustainable Coastal Community planning efforts, assess their primary needs and information gaps for cumulative and secondary impacts, and identify implementable and/or adopted measures.

Outcome End Date: March 2015

2. Coastal Boundary Change

The New Jersey Coastal Management boundary is an essential element of the state's Coastal Program. The original inland boundary was defined in the New Jersey Coastal Program and Final Environmental Impact Statement (1980) as follows:

The inland boundary from Raritan Bay to Cape May Point and then north along Delaware Bay is coincident with the boundary as defined in the Coastal Area Facilities Review Act (CAFRA) or the upper boundary of the coastal wetlands, whichever is more inland. Outside CAFRA, the coastal boundary is defined as the inland boundary of the State's jurisdiction under the Waterfront Development Act, the Wetlands Act of 1970, or the inland boundary of State-owned tidelands, whichever is more inland. The New Jersey Meadowlands District is also included in the inland boundary.

In February of 2003, a Focus Group was convened to review issues related to the inland boundary of the NJ Coastal Zone. This group, made up of representatives of county, state and federal agencies, regional planning agencies, and non-profit environmental organizations, reached several conclusions regarding the boundary. DCLUP will revisit those conclusions and modify them as necessary and appropriate based on more recent information. Based on that reassessment, DCLUP will submit recommendations to Department management, and identify next steps.

The purposes of modifying the Coastal Zone boundary are:

- To improve public recognition of coastal resources and significant direct and indirect impacts on them
- To enhance program management and better address all direct and indirect impacts
- To improve coordination of existing NJ CMP authorities and enhance the CMP's leadership in coastal management
- To provide greater predictability to the management of coastal resources

Deliverables: Summary and conclusions of the reassessment will be provided upon completion.

#New Jersey CZM: AwardNWJCZM2013 10/1/2013 to 3/31/2015
Original Application Revised 5/31/2013

Outcome End Date: March 2015

Task Funding

Federal:	\$162,481
Non-Federal:	\$0
Total:	\$162,481

Task: Coastal Hazards

Task ID: 309-4
Applicant ID: 309-4
Timeframe: October 2013 through March 2015

The NJ CMP has previously completed the development of two products under the Coastal Hazards issue area – the Coastal Community Vulnerability Assessment and Mapping Protocol (CCVAMP) and the Getting to Resilience (GTR) Questionnaire. The CVAMP is a mapping tool that allows communities to assess their geographic, environmental and social vulnerability to the impacts of storm surge and sea level rise. The CCVAMP can help communities plan for the impacts of storm events as well as the future impacts of sea level rise. GTR is a questionnaire designed to assist local governments characterize their existing municipal plans and identify opportunities to respond to the impacts of coastal hazards, storm surge and sea level rise. GTR also assists coastal communities identify existing and develop new strategies to make their communities more resilient and better able to rebound from the adverse impacts of storm events. JC NERR recently translated and upgraded GTR, making it an online tool.

Task Outcomes

1. Resilient Coastal Communities

As noted in Task 306-5, Municipal Public Access Planning, DCLUP is soliciting requests for proposals for a Municipal Public Access Planning Grant Program that seeks to incentivize development of MPAPs that enhance public access, but that also consider the resiliency of public access facilities and supporting services to coastal hazards. The RFP identifies CCVAMP and GTR as two tools to perform this vulnerability assessment. DCLUP has also offered its support to those NJ coastal municipalities interested in applying the CCVAMP in order to improve local planning for resiliency and, eventually adaptation to coastal hazards.

Working through those parallel efforts, and in coordination with Sustainable Coastal Community efforts above (309-3), DCLUP will work with coastal communities to assess the vulnerability of community resources to coastal hazards, examine current plans and ordinances to gauge their effectiveness in responding to those hazards, and develop the vision, plans, ordinances and policies to make them more resilient to coastal hazards.

DCLUP will continue to reach out and seek to align its efforts with its efforts with its CMP coastal partners, such as JC NERR, the Monmouth Group, and Rutgers University

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Original Application Revised 5/31/2013

to ensure a coordinated, and thus more effective, planning and implementation process. DCLUP will also continue to develop and enhance its in-house expertise on the range of strategies available to reduce risks from coastal hazards.

Deliverables: Summary of the review and award of grants for MPAP and Resiliency Planning; summary of actions taken to assist coastal communities; and summary updates and reports of meetings attended will be provided in semi-annual performance reports.

Outcome End Date: March 2015

Task Funding

Federal:	\$170,324
Non-Federal:	\$0
Total:	\$170,324

Budget by Section and Task

Section: 306

ID	Item	Task	Federal	Non-Federal	Total
306-1	1	Grant Management & Reporting	\$18,661	\$17,661	\$36,322
306-2	2	Program Management & Coordination	\$116,797	\$55,431	\$172,228
306-3	3	Education & Outreach	\$100,701	\$35,684	\$136,385
306-4	4	Policy Refinement	\$116,038	\$33,129	\$149,167
306-5	5	Coastal Planning	\$208,869	\$43,063	\$251,932
306-6	6	Coastal Permitting	\$814,106	\$1,226,134	\$2,040,240
306-7	7	Coastal Permit Monitoring, Compliance & Enforcement	\$501,328	\$465,398	\$966,726
Total Section: 306			\$1,876,500	\$1,876,500	\$3,753,000

Section: 309

ID	Item	Task	Federal	Non-Federal	Total
309-1	1	Coastal & Marine Spatial Planning	\$76,685	\$0	\$76,685
309-2	2	Wetlands/Living Shorelines Adaptation	\$41,510	\$0	\$41,510
309-3	3	Cumulative & Secondary Impacts	\$162,481	\$0	\$162,481
309-4	4	Coastal Hazards	\$170,324	\$0	\$170,324
Total Section: 309			\$451,000	\$0	\$451,000

Total All Sections: \$2,327,500 \$1,876,500 \$4,204,000

Budget by Section and Category

Section: 306

Category	Federal	Non Federal	Total
Personnel	\$997,499	\$1,072,846	\$2,070,345
Indirect	\$294,178	\$317,112	\$611,290
Travel	\$5,000	\$0	\$5,000
Supplies	\$16,457	\$0	\$16,457
Other	\$36,000	\$0	\$36,000
Contractual	\$75,000	\$0	\$75,000
Fringe	\$452,365	\$486,542	\$938,908
Total Section: 306	\$1,876,500	\$1,876,500	\$3,753,000

Section: 309

Category	Federal	Non Federal	Total
Personnel	\$203,510	\$0	\$203,510
Indirect	\$60,019	\$0	\$60,019
Travel	\$3,000	\$0	\$3,000
Supplies	\$7,000	\$0	\$7,000
Other	\$7,175	\$0	\$7,175
Contractual	\$78,000	\$0	\$78,000
Fringe	\$92,296	\$0	\$92,296
Total Section: 309	\$451,000	\$0	\$451,000

Total All Sections:	\$2,327,499	\$1,876,500	\$4,204,000
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Budget Information by Task - Section 306

Task: Grant Management & Reporting

Task 306-1

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$1,662	\$1,662	\$754	\$754	\$4,832
656650 SES	45.3500	\$5,201	\$5,201	\$2,359	\$2,359	\$15,122
93576 Env Spec 3	45.3500	\$2,230	\$2,230	\$1,011	\$1,011	\$6,482
084197 RS1	45.3500	\$1,008	\$1,008	\$457	\$457	\$2,930
Totals:		\$10,101	\$10,101	\$4,581	\$4,581	\$29,364

Rate	Explanation
45.3500	This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$2,979	\$2,979	\$5,958

Rate	Basis
The in-direct rate is calculated at 20.29% of personnel and fringe costs.	The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$1,000	\$0	\$1,000

Basis for Supplies Estimate: Office, printing supplies and computer.

Task: Program Management & Coordination

Task 306-2

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$4,985	\$1,660	\$2,261	\$753	\$9,659
656650 SES	45.3500	\$15,607	\$ 789	\$7,078	\$358	\$24,427
649136 Env Spec 2	45.3500	\$2,681	\$1,600	\$1,216	\$726	\$6,223
654414 Sec Chief	45.3500	\$3,240	\$1,624	\$1,469	\$736	\$7,069
93576 Env Spec 3	45.3500	\$6,690	\$1,220	\$3,034	\$553	\$11,497
083623 RS3	45.3500	\$6,000	\$3,000	\$2,721	\$1,361	\$13,082
084197 RS1	45.3500	\$3,024	\$1,000	\$1,371	\$454	\$5,849
09486 Env Spec 3	45.3500	\$6,011	\$3,000	\$2,726	\$1,361	\$13,098
95550 Env Spec 3	45.3500	\$0	\$17,402	\$0	\$7,892	\$25,294
Totals:		\$48,238	\$31,295	\$21,876	\$14,194	\$116,198

Rate Explanation
 45.3500 This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Travel Items

Trip: Travel in-state - various locations within NJ and surrounding areas - PA, NY, DE.

Purpose

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - and registration fees associated with the conduct of official business - meetings with public officials, other agencies, attendance at meetings, seminars, conferences, workshops, training, field investigations, compliance and/or permit related site inspections - at various locations within the state and surrounding area - PA, NY, DE.

Basis

The State of NJ reimburses individuals using their personal vehicles or incurring other travel expenses - train, bus, tolls - in the conduct of official business.

Trip Summary

Federal:	\$1,000
Non-Federal:	\$0
Total:	\$1,000

Trip: Travel Out-of-State for Inter-State conferences and meetings.

Purpose

This travel is conducted by Coastal Management Program staff as representatives of the NJ Department of Environmental Protection on official business. The figures represented are aggregated based on the costs of one RT travel to Washington D.C. Although conferences and meetings may be held at other locations - and have varying associated fees - we had recurring information to document the cost of a trip to Washington, D.C. and used that as a basis to calculate out-of-state travel.

Basis

Expenses are calculated to cover travel, lodging, registration and related expenses - per diem as calculated by GSA - associated with out of state travel.

Trip Summary

Federal:	\$1,000
Non-Federal:	\$0
Total:	\$1,000

Other

	Federal	Non Federal	Total
Professional Services-Technical Assistance	\$26,000	\$0	\$26,000
Totals:	\$26,000	\$0	\$26,000

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$14,226	\$9,942	\$24,168

Rate

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Basis

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$4,457	\$0	\$4,457

Basis for Supplies Estimate: Office, printing supplies and computer.

Task: Education & Outreach

Task 306-3

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$1,662	\$1,662	\$754	\$754	\$4,832
656650 SES	45.3500	\$5,202	\$5,202	\$2,359	\$2,359	\$15,122
649136 Env Spec 2	45.3500	\$2,681	\$2,681	\$1,216	\$1,216	\$7,794
654414 Sec Chief	45.3500	\$3,240	\$1,620	\$1,469	\$735	\$7,064
93576 Env Spec 3	45.3500	\$3,345	\$2,230	\$1,517	\$1,011	\$8,103
083623 RS3	45.3500	\$15,000	\$3,000	\$6,803	\$1,361	\$26,164
084197 RS1	45.3500	\$1,008	\$1,008	\$457	\$457	\$2,930
09486 Env Spec 3	45.3500	\$6,011	\$3,006	\$2,726	\$1,363	\$13,106
Totals:		\$38,149	\$20,409	\$17,301	\$9,256	\$85,115

Rate Explanation
 45.3500 This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Travel Items

Trip: Travel In-State. Various locations within NJ and surrounding area - PA, NY, DE.

Purpose

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - and registration fees associated with the conduct of official business - meetings with public officials, other agencies, attendance at meetings seminars, conferences, workshops, training, field investigations, compliance and/or permit related site inspections - at various locations within the state and surrounding area - PA, NY, DE.

Basis

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - in the conduct of official business.

Trip Summary

Federal:	\$1,000
Non-Federal:	\$0
Total:	\$1,000

Other

	Federal	Non Federal	Total
Coastal training programs - Technical-web development - Technical assistance	\$8,000	\$0	\$8,000
Totals:	\$8,000	\$0	\$8,000

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$11,251	\$6,019	\$17,270

Rate

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Basis

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

#New Jersey CZM: AwardNWJCZM2013 10/1/2013 to 3/31/2015
Original Application Revised 5/31/2013

Contractual

Contract: Clean Marina Program

Explanation for Non detailed budget:

DCLUP will again partner with teh NJ Sea Grant Consortium for implementation of the 9th year of the NJ Clean Marina Program.

	Federal	Non Federal	Total
Total:	\$25,000	\$0	\$25,000

Task: Policy Refinement

Task 306-4

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$5,816	\$1,662	\$2,638	\$754	\$10,870
656650 SES	45.3500	\$18,208	\$5,202	\$8,257	\$2,359	\$34,026
096653 RS1	45.3500	\$6,600	\$1,320	\$2,993	\$599	\$11,512
654414 Sec Chief	45.3500	\$4,860	\$1,620	\$2,204	\$735	\$9,419
93576 Env Spec 3	45.3500	\$3,345	\$2,230	\$1,517	\$1,011	\$8,103
083120 Env Spec 4	45.3500	\$14,500	\$2,900	\$6,576	\$1,315	\$25,291
084197 RS1	45.3500	\$3,024	\$1,008	\$1,371	\$457	\$5,860
09486 Env Spec 3	45.3500	\$6,011	\$3,006	\$2,726	\$1,363	\$13,106
Totals:		\$62,364	\$18,948	\$28,282	\$8,593	\$118,187

Rate Explanation
 45.3500 This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Other

	Federal	Non Federal	Total
Court reporters- Data assessment and analysis	\$2,000	\$0	\$2,000
Totals:	\$2,000	\$0	\$2,000

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$18,392	\$5,588	\$23,980

Rate Basis
 The in-direct rate is calculated at 20.29% of personnel and fringe costs.
 The in-direct rate is calculated at 20.29% of personnel and fringe costs.

#New Jersey CZM: AwardNWJCZM2013 10/1/2013 to 3/31/2015
Original Application Revised 5/31/2013

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$5,000	\$0	\$5,000
Basis for Supplies Estimate:	Office, printing supplies and computer.		

Task: Coastal Planning

Task 306-5

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$2,493	\$1,662	\$1,131	\$754	\$6,040
656650 SES	45.3500	\$7,803	\$5,202	\$3,539	\$2,359	\$18,903
096653 RS1	45.3500	\$6,600	\$1,320	\$2,993	\$599	\$11,512
649136 Env Spec 2	45.3500	\$21,448	\$2,681	\$9,727	\$1,216	\$35,072
654414 Sec Chief	45.3500	\$4,860	\$1,620	\$2,204	\$735	\$9,419
93576 Env Spec 3	45.3500	\$6,690	\$2,230	\$3,034	\$1,011	\$12,965
083623 RS3	45.3500	\$9,000	\$3,000	\$4,082	\$1,361	\$17,443
083120 Env Spec 4	45.3500	\$14,500	\$2,900	\$6,576	\$1,315	\$25,291
084197 RS1	45.3500	\$2,016	\$1,008	\$914	\$457	\$4,395
09486 Env Spec 3	45.3500	\$12,022	\$3,006	\$5,452	\$1,363	\$21,843
Totals:		\$87,432	\$24,629	\$39,652	\$11,170	\$162,883

Rate Explanation
 45.3500 This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Travel Items

Trip: Travel In-State. Various locations within NJ and surrounding area - PA, NY, DE.

Purpose

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - and registration fees associated with the conduct of official business - meetings with public officials, other agencies, attendance at meetings seminars, conferences, workshops, training, field investigations, compliance and/or permit related site inspections - at various locations within the state and surrounding area - PA, NY, DE.

Basis

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - in the conduct of official business.

Trip Summary

Federal:	\$2,000
Non-Federal:	\$0
Total:	\$2,000

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$25,785	\$7,264	\$33,049

Rate

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Basis

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$4,000	\$0	\$4,000

Basis for Supplies Estimate: Office, printing supplies and computer.

#New Jersey CZM: AwardNWJCZM2013 10/1/2013 to 3/31/2015
Original Application Revised 5/31/2013

Contractual

Contract: Coastal Data Assessment

Explanation for Non detailed budget:

It is necessary to secure federal funds before a response for proposal can be let for this grant task outcome. An outline for the project is provided within the grant task description - detailed needs for the contractor will be identified and provided to NOAA once the award is made.

	Federal	Non Federal	Total
Total:	\$50,000	\$0	\$50,000

Task: Coastal Permitting

Task 306-6

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
083105 Sec Chief	45.3500	\$90,000	\$17,990	\$40,815	\$8,158	\$156,963
101619 Manager 4	45.3500	\$75,800	\$0	\$34,375	\$0	\$110,175
081355 Env Spec 4	45.3500	\$0	\$86,042	\$0	\$39,020	\$125,062
083108 Env Spec 2	45.3500	\$47,835	\$21,639	\$21,693	\$9,813	\$100,980
083146 Env Spec 3	45.3500	\$0	\$76,439	\$0	\$34,665	\$111,104
083920 Env Spec 3	45.3500	\$0	\$21,600	\$0	\$9,796	\$31,396
084067 Env Spec 4	45.3500	\$0	\$76,268	\$0	\$34,588	\$110,856
084086 Sen Geologist	45.3500	\$0	\$62,888	\$0	\$28,520	\$91,408
650305 Env Spec 2	45.3500	\$33,701	\$33,702	\$15,283	\$15,284	\$97,970
084161 Env Spec 1	45.3500	\$28,660	\$28,660	\$12,997	\$12,997	\$83,314
95238 Env Spec 3	45.3500	\$63,818	\$20,5007	\$28,941	\$9,812	\$122,556
96345 Env Spec 3	45.3500	\$28,660	\$28,650	\$12,997	\$12,997	\$83,300
611071 Env Spec 3	45.3500	\$0	\$9,966	\$0	\$4,520	\$14,486
648896 Env Spec 4	45.3500	\$0	\$67,684	\$0	\$30,695	\$98,379
652408 Env Spec 2	45.3500	\$41,096	\$35,000	\$18,637	\$15,873	\$110,606
083123 Env Spec 4	45.3500	\$54,912	\$20,000	\$24,903	\$9,070	\$108,885
656816 Env Spec 3	45.3500	\$0	\$73,624	\$0	\$33,388	\$107,012
957611 Env Spec 3	45.3500	\$0	\$20,630	\$0	\$9,356	\$29,986
Totals:		\$464,482	\$701,282	\$210,641	\$318,033	\$1,694,438

Rate Explanation
 45.3500 This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

#New Jersey CZM: AwardNWJCZM2013 10/1/2013 to 3/31/2015
 Original Application Revised 5/31/2013

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$136,983	\$206,819	\$343,802
Rate	Basis		
The in-direct rate is calculated at 20.29% of personnel and fringe costs.	The in-direct rate is calculated at 20.29% of personnel and fringe costs.		

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$2,000	\$0	\$2,000
Basis for Supplies Estimate:	Field supplies		

Task: Coastal Permit Monitoring, Compliance & Enforcement

Task 306-7

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
095236 Env Spec 2	45.3500	\$0	\$62,182	\$0	\$28,200	\$90,382
650628 Env Spec 3	45.3500	\$51,273	\$34,182	\$23,252	\$15,502	\$124,209
650629 Env Spec 3	45.3500	\$55,425	\$21,585	\$25,135	\$9,789	\$111,934
650630 Investigator 1	45.3500	\$57,255	\$28,200	\$25,965	\$12,789	\$124,209
654312 Env Spec 3	45.3500	\$45,477	\$39,978	\$20,624	\$18,130	\$124,209
654752 Env Spec 3	45.3500	\$42,726	\$42,727	\$19,376	\$19,377	\$124,206
651120 Env Spec 3	45.3500	\$34,577	\$37,328	\$15,681	\$16,928	\$104,514
Totals:		\$286,733	\$266,182	\$130,033	\$120,715	\$803,663

Rate	Explanation
45.3500	This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$84,562	\$78,501	\$163,063

Rate	Basis
The in-direct rate is calculated at 20.29% of personnel and fringe costs.	The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Budget Information by Task - Section 309

Task: Coastal & Marine Spatial Planning

Task 309-1

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
656650 SES	45.3500	\$3,902	\$0	\$1,770	\$0	\$5,672
93576 Env Spec 3	45.3500	\$31,222	\$0	\$14,159	\$0	\$45,381
09486 Env Spec 3	45.3500	\$4,732	\$0	\$2,146	\$0	\$6,878
Totals:		\$39,856	\$0	\$18,075	\$0	\$57,931

Rate Explanation

45.3500 This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Travel Items

Trip: Travel In-State. Various locations within NJ and surrounding area - PA, NY, DE.

Purpose

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - registration fees associated with the conduct of official business - meetings with public officials, other agencies, attendance at meetings seminars, conferences, workshops, training, field investigations, compliance and/or permit related site inspections - at various locations within the state and surrounding area - PA, NY, DE.

Basis

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - in the conduct of official business.

Trip Summary

Federal:	\$1,000
Non-Federal:	\$0
Total:	\$1,000

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$11,754	\$0	\$11,754

Rate	Basis
The in-direct rate is calculated at 20.29% of personnel and fringe costs.	The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$1,000	\$0	\$1,000

Basis for Supplies Estimate: Office, printing supplies and computer.

Contractual

Contract: Ocean Management Participatory GIS

Explanation for Non detailed budget: It is necessary to secure federal funds before a response for proposal can be let for this grant task outcome. An outline for the project is provided within the grant task description - detailed needs for the contractor will be identified and provided to NOAA once the award is made. This specific contract relates to technical assistance for stakeholder engagement, and participatory GIS.

Total:	Federal	Non Federal	Total
	\$5,000	\$0	\$5,000

Task: Wetlands/Living Shorelines Adaptation

Task 309-2

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$3,687	\$0	\$1,672	\$0	\$5,359
656650 SES	45.3500	\$3,902	\$0	\$1,770	\$0	\$5,672
654414 Sec Chief	45.3500	\$7,559	\$0	\$3,428	\$0	\$10,987
084197 RS1	45.3500	\$2,016	\$0	\$914	\$0	\$2,930
Totals:		\$17,164	\$0	\$7,784	\$0	\$24,948

Rate	Explanation
45.3500	This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Travel Items

Trip: Travel In-State. Various locations within NJ and surrounding area - PA, NY, DE.

Purpose

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - and registration fees associated with the conduct of official business - meetings with public officials, other agencies, attendance at meetings seminars, conferences, workshops, training, field investigations, compliance and/or permit related site inspections - at various locations within the state and surrounding area - PA, NY, DE.

Basis

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - in the conduct of official business.

Trip Summary

Federal:	\$500
Non-Federal:	\$0
Total:	\$500

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$5,062	\$0	\$5,062

Rate

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Basis

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$1,000	\$0	\$1,000

Basis for Supplies Estimate: Office, printing supplies and computer.

Contractual

Contract: Living Shorelines

Explanation for Non detailed budget:

It is necessary to secure federal funds before a response for proposal can be let for this grant task outcome. An outline for the project is provided within the grant task description - detailed needs for the contractor will be identified and provided to NOAA once the award is made.

Total:	Federal	Non Federal	Total
	\$10,000	\$0	\$10,000

Task: Cumulative & Secondary Impacts

Task 309-3

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$12,290	\$0	\$5,574	\$0	\$17,864
656650 SES	45.3500	\$9,104	\$0	\$4,129	\$0	\$13,233
096653 RS1	45.3500	\$5,400	\$0	\$2,449	\$0	\$7,849
649136 Env Spec 2	45.3500	\$10,057	\$0	\$4,561	\$0	\$14,618
654414 Sec Chief	45.3500	\$1,620	\$0	\$735	\$0	\$2,355
93576 Env Spec 3	45.3500	\$7,805	\$0	\$3,540	\$0	\$11,345
083623 RS3	45.3500	\$2,750	\$0	\$1,247	\$0	\$3,997
083120 Env Spec 4	45.3500	\$12,290	\$0	\$5,574	\$0	\$17,864
084197 RS1	45.3500	\$4,032	\$0	\$1,829	\$0	\$5,861
09486 Env Spec 3	45.3500	\$9,464	\$0	\$4,292	\$0	\$13,756
Totals:		\$74,812	\$0	\$33,930	\$0	\$108,742

Rate Explanation

45.3500 This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Travel Items

Trip: Travel In-State. Various locations within NJ and surrounding area - PA, NY, DE.

Purpose

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - and registration fees associated with the conduct of official business - meetings with public officials, other agencies, attendance at meetings seminars, conferences, workshops, training, field investigations, compliance and/or permit related site inspections - at various locations within the state and surrounding area - PA, NY, DE.

Basis

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - in the conduct of official business.

Trip Summary

Federal:	\$500
Non-Federal:	\$0
Total:	\$500

Other

	Federal	Non Federal	Total
Technical	\$2,175	\$0	\$2,175
Totals:	\$2,175	\$0	\$2,175

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$22,064	\$0	\$22,064

Rate

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Basis

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$1,000	\$0	\$1,000

Basis for Supplies Estimate: Office, printing supplies and computer.

Contractual

Contract: Sustainable Coastal Communities

Explanation for Non detailed budget:

It is necessary to secure federal funds before a response for proPosal can be let for this grant task outcome. An outline for the project is provided within the grant task description - detailed needs for the contractor will be identified and provided to NOAA once the award is made.

Total:	Federal \$28,000	Non Federal \$0	Total \$28,000
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Task: Coastal Hazards

Task 309-4

ID:

Personnel

Title	Rate	Salary		Fringe		Total
		Federal	NonFederal	Federal	NonFederal	
098843 Manager 1	45.3500	\$8,603	\$0	\$3,901	\$0	\$12,504
656650 SES	45.3500	\$9,104	\$0	\$4,129	\$0	\$13,233
096653 RS1	45.3500	\$5,400	\$0	\$2,449	\$0	\$7,849
649136 Env Spec 2	45.3500	\$10,057	\$0	\$4,561	\$0	\$14,618
654414 Sec Chief	45.3500	\$1,620	\$0	\$735	\$0	\$2,355
93576 Env Spec 3	45.3500	\$8,358	\$0	\$3,790	\$0	\$12,148
083623 RS3	45.3500	\$2,750	\$0	\$1,247	\$0	\$3,997
083120 Env Spec 4	45.3500	\$12,290	\$0	\$5,574	\$0	\$17,864
084197 RS1	45.3500	\$4,032	\$0	\$1,829	\$0	\$5,861
09486 Env Spec 3	45.3500	\$9,464	\$0	\$4,292	\$0	\$13,756
Totals:		\$71,678	\$0	\$32,507	\$0	\$104,185

Rate	Explanation
45.3500	This rate is composed of 7.71% pension, 28.10% health benefits, 1.25% workers compensation, 0.19% unemployment insurance, 0.26% temporary disability insurance, 0.19% unused sick leave, and 7.65% FICA Medicare.

Travel Items

Trip: Travel In-State. Various locations within NJ and surrounding area - PA, NY, DE.

Purpose

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - and registration fees associated with the conduct of official business - meetings with public officials, other agencies, attendance at meetings seminars, conferences, workshops, training, field investigations, compliance and/or permit related site inspections - at various locations within the state and surrounding area - PA, NY, DE.

Basis

The state of New Jersey reimburses individuals using their personal vehicle or incurring other travel expenses - train, bus, tolls - in the conduct of official business.

Trip Summary

Federal:	\$1,000
Non-Federal:	\$0
Total:	\$1,000

Other

	Federal	Non Federal	Total
Technical	\$5,000	\$0	\$5,000
Totals:	\$5,000	\$0	\$5,000

Indirect

Name	Federal	Non Federal	Total
Indirect Budget Item	\$21,139	\$0	\$21,139

Rate

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Basis

The in-direct rate is calculated at 20.29% of personnel and fringe costs.

Supplies

Name	Federal	Non Federal	Total
Supplies Budget Item	\$4,000	\$0	\$4,000

Basis for Supplies Estimate: Office, printing supplies and computer.

Contractual

Contract: Resilient Community Mapping

Explanation for Non detailed budget: It is necessary to secure federal funds before a response for proposal can be let for this grant task outcome. An outline for the project is provided within the grant task description - detailed needs for the contractor will be identified and provided to NOAA once the award is made.

Total:	Federal \$35,000	Non Federal \$0	Total \$35,000
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