

Application for Assistance under the Coastal Zone Management Act

New Jersey CZM

EIN/TIN/DUNS Number: 607415197

October 2015 to March 2017

Applicant:

**NJ Department of Environmental Protection
Office of Coastal and Land Use Planning**

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Grant Introduction

The NJ Department of Environmental Protection (NJDEP), Office of Coastal and Land Use Planning (OCLUP), is submitting a new grant application to NOAA. This grant application seeks \$2,490,000 in federal funding to continue implementation of New Jersey's Coastal Management Program (NJCMP), including base program implementation (Section 306) and the Coastal Enhancement Program (Section 309). The application covers implementation of grant tasks over an 18-month period beginning October 1, 2015 and ending March 31, 2017. NJDEP is proposing to match the federal grant award (1:1) for Section 306 (\$1,996,000) with State funds. This Grant Application details the proposed expenditures of federal funds and matching State funds per task.

The Grant Application is broken down into three 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 NJCMP 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. There will also be significant effort put into the update of the Section 312 Evaluation consistent with NOAA requirements. Program Administration of the Section 306 Base Program of the NJCMP also includes coordination of the NJCMP's networked programs, including the Division of Land Use Regulation (DLUR), the Bureau of Coastal Land Use and Enforcement (BCLUE), the Office of Policy Implementation and other agency partners. There is also extensive coordination and cooperation with both Intra- and Inter-State partners including the Jacques Cousteau National Estuarine Research Reserve (JCNERR), the Barnegat Bay and National Estuary Programs, NOAA, and the Mid-Atlantic Regional Council on the Ocean (MARCO). Finally, Program Administration of the Section 306 Base Program of the NJCMP also includes an education and outreach program.

Section 306-Program Implementation. Program Implementation of the Section 306 Base Program of the NJCMP 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 NJCMP. These tasks also include work such as regulatory updates and an update to the CZM Program Guidance. Program Administration of the Section 306 Base Program of the NJCMP also includes Coastal Planning efforts such as the Municipal Public Access Planning program and assistance to communities on resiliency planning. 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 NJCMP.

Section 309. The 309 Coastal Enhancement Grant Program (Section 309) will focus on tasks and issues identified as a result of NJ's 2011-2015 Section 309 Assessment and Strategy (approved by NOAA April 2011, updated 2013).

Program Information - Section 306

Task: Grant Management & Reporting

Task ID: 306-1

Applicant ID: 306-1

Timeframe: October 2015 through March 2017

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 NOAA/OCM.

Task Outcomes

1. Performance and Financial Reports

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

Outcome End Date: March 2017

2. Section B Report

NJDEP's Land Use Management administers the coastal permitting programs and the issuance of Federal Consistency Determinations pursuant to Section 307 of the CZMA. OCLUP will work with DLUR and NJDEP's Office of Dredging and Sediment Technology (ODST) 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 the Office of Policy Implementation as their activities result in changes to enforceable policies.

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

Outcome End Date: March 2017

3. Track Performance Indicators

National Performance Measurement System

The CZMA 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:

- OCLUP 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 required NOAA submittal schedule:
- Measures #1-#17 (dependent upon changes adopted by NOAA) will be reported annually and are due to OCM at the end of each October.
- Measures #18-#22 (dependent upon changes adopted by NOAA) will be reported every 5 years and are due to OCM at the same time as the revisions to the Section 309 Assessment & Strategy.

Implementation and Tracking of Section 312 Evaluation Metrics

During the Year 32 (NA12NOS4190165) grant award period, the CMP submitted, and received approval of, a set of metrics in each of three issue areas. These metrics will be tracked over this grant period, 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 2017

4. Section 312 Program Evaluation

The NJCMP will prepare for, and participate in, a Section 312 program evaluation. Associated tasks include the submission of the standard information request to the Office for Coastal Management; participating in meetings with the evaluation team to plan, and prepare for, the evaluation; planning for, and participating in, meetings with stakeholders; planning for, and participating in, a meeting for the general public; and reviewing and commenting on draft evaluation findings."

Through engagement with the Office for Coastal Management and internal and external partners, the NJCMP's preparation and participation provides for a meaningful evaluation that will inform and improve program effectiveness.

Deliverable: Submit to the Office for Coastal Management the standard 312 information request

Outcome End Date: November 2016

Task Funding

Federal:	\$21,984
Non-Federal:	\$0
Total:	\$21,984

Task: Program Management & Coordination

Task ID: 306-2

Applicant ID: 306-2

Timeframe: October 2015 through March 2017

This task requires the coordination of activities within NJDEP, 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 OCLUP.

The major program areas to be coordinated within the NJDEP include the Office of Budget and Finance under the Director for Budget and Finance; the OCLUP, Office of Policy Implementation, and DLUR, all 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 NJCMP 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 2017

2. Program Coordination

Quarterly Coastal Management Networking Meetings

In response to the 2007 NOAA 312 Evaluation Program suggestion, quarterly meetings are held between OCLUP, DLUR, and BCLUE to ensure that NJ'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, and scheduling and the setting of program priorities. This action will serve to heighten the coordination 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 NJ 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;
- Promotion of coastal program objectives.

Outcome End Date: March 2017

3. Intra-State Coordination

Coordination with NJ Coastal Partners

OCLUP will coordinate with its Coastal Partners including JCNERR, Rutgers University, the NJ Sea Grant Consortium (NJSGC), Monmouth University-Urban Coast Institute, and Stevens Institute. Attendance at various state, regional and national meetings is required to represent the NJCMP 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.

NJCMP 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 2017

Coordination with EPA - National Estuary Program (NEP)

Representatives from NJDEP will continue to participate, coordinate, and develop joint initiatives to advance coastal zone and estuary health, with the Barnegat Bay, NY/NJ Harbor, and the Delaware estuary programs .

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

Hudson River Waterfront Walkway

OCLUP will continue to work with applicable municipalities, counties, and non-governmental organizations to ensure continued access to, and maintenance and reconstruction of, the Walkway.

Deliverables: Status updates will be submitted with semi-annual

reports.

NJ Meadowlands Commission/New Jersey Sports and Exposition Authority

Effective Thursday, February 5, 2015, the New Jersey Meadowlands Commission was made a part of the New Jersey Sports and Exposition Authority, pursuant to the Hackensack Meadowlands Agency Consolidation Act (P.L.2015, c.19).

NJDEP will work with the consolidated New Jersey Sports and Exposition Authority and coordinate with NOAA toward the preparation of amendments to the Commission's Master Plan and zoning ordinances, and any Routine Program Change requests.

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

Coastal and Estuarine Land Conservation Program (CELCP)

OCLUP 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. OCLUP 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.

If funding is appropriated, OCLUP/NJDEP anticipates proposing projects under a CELCP Funding Competition as funding become available. In the absence of federal funding, OCLUP 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.

Outcome End Date: March 2017

4. Inter-State Coordination

NJDEP, through the NJCMP, 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 the Annual Coastal Program Manager's meeting, NOAA-sponsored regional and national meetings, Section 312 Evaluations, Mid-Atlantic Regional Council on the Ocean (MARCO) meetings and the Mid-Atlantic Regional Planning Body meetings, and Coastal States Organization meetings.

NJ will continue to seek coordinated solutions to coastal problems through collaboration with other coastal states, federal agencies and

academic institutions. As part of this endeavor, the NJCMP will continue to participate on working groups with the HEP and the Partnership for the Delaware Estuary Program, among others, and continue its partnership with the National Sea Grant Program. In particular, NJ seeks to identify opportunities to improve its working relationships with the adjoining coastal state programs of Pennsylvania, New York, and Delaware.

OCLUP will continue to provide staff support to the MARCO Management Board and representation on the various priority action subcommittees as the NJDEP lead to this initiative.

Coordination with EPA - National Estuary Programs

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

Mid-Atlantic Regional Council on the Ocean (MARCO)

OCLUP will continue to assume the lead role for the NJDEP 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.

OCLUP staff will coordinate with the NJDEP Sustainability and Green Energy Program - the NJDEP lead on renewable energy development and other NJDEP CMP networked programs (e.g., Bureau of Marine Fisheries). Staff will continue to coordinate on a regular basis with other Mid-Atlantic States; and NOAA, NMFS and OCM at Sandy Hook. Such coordination will consist of conference calls and meetings, as needed.

Mid-Atlantic 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, as well as engage stakeholders and technical experts at every key step.

OCLUP will continue to work with the MARCO states, NJ representatives on the Mid-Atlantic RPB, and stakeholders to identify and address regional issues.

Deliverables: Summary updates, reports of meetings attended, and copies of presentations and materials presented by NJCMP staff at meetings and workshops will be provided in semi-annual performance

reports.

Outcome End Date: March 2017

5. Federal Consistency Reviews

The NJCMP will continue to re-evaluate NJ's approved Federal Consistency listings to determine if additional federal activities and geographic areas should be listed.

Deliverables: Recommendation report identifying additions to NJ's Federal Consistency listing.

Outcome End Date: March 2017

Task Funding

Federal:	\$67,509
Non-Federal:	\$0
Total:	\$67,509

Task: Education & Outreach

Task ID: 306-3

Applicant ID: 306-3

Timeframe: October 2015 through March 2017

NJDEP continues to emphasize the need for public participation and stakeholder engagement in developing rules, plans, and programs that impact the regulated and non-regulated coastal communities.

Representatives of the NJCMP meet on a routine basis with advisory groups representing the development community and municipal governments. Additionally, numerous presentations are made to civic groups and interested organizations concerning issues related to the NJCMP. All public education and outreach workshops, meetings and training events will be posted to the Department's calendar of events.

This task has been identified as a Section 312 metric by which the OCLUP will measure its progress through 2017.

Task Outcomes

1. Web Page Implementation

OCLUP will continue the use of its web page as a public outreach tool to disseminate NJCMP documents, data, updates, announcements, resources, and other information useful to the program's stakeholders. The web page will also continue to provide the public with another option to submit inquiries using a web-based utility in the web page (the "Ask CMP" e-mail system).

The OCLUP will update the NJCMP web page to include information on current initiatives, partnerships, legislation, research, and useful coastal links, as well as enhance the public's ability to search for documents, reports, historic or archived data.

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

Outcome End Date: March 2017

2. Constituent Outreach

The NJCMP will continue to meet with NJDEP's constituent groups, particularly those groups representing environmental, recreational, builders and developers, and other interest groups, involving them in policy development and providing them an opportunity to raise issues.

OCLUP will also continue to coordinate with the New Jersey Sea Grant Consortium, Jacques Cousteau NERR and NEPs to provide technical assistance, education, and outreach support on coastal issues.

Deliverables: Summaries of public meetings 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 2017

3. Technical Support

The NJCMP will continue to provide technical support to its coastal partners, local governments, non-profit organizations, other NJDEP and state Agencies, and other interested groups to promote the NJCMP goals.

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

Outcome End Date: March 2015

4. 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, the Office of Policy Implementation, and OCLUP staff will continue to hold, and attend, public meetings and hearings with constituent groups on coastal permit applications and as part of the rulemaking process.

Deliverables: Copies of presentations/materials; listing of courses offered in coordination with DLUR will be provided with semi-annual performance reports.

Outcome End Date: March 2017

5. Coastal Management Program Staff Training

The NJCMP is a networked program across several divisions within NJDEP. 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 OCLUP will coordinate with the JCNERR, OCM, and others to present cross-training opportunities to staff of the NJCMP networked programs and state agency programs that share responsibilities for the management of coastal resources or activities that may impact the coastal area.

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

Outcome End Date: March 2017

6. NJ Clean Marina Program

OCLUP will continue to implement the Statewide NJ Clean Marina Program and will coordinate its implementation with other NJDEP programs actively engaged in the education, permitting, compliance, and monitoring of marina facilities.

As the NJ Clean Marina Program enters its 12th year in the grant period, OCLUP will:

- Review the Clean Marina Guidebook and update as necessary, -
- Reconvene the Clean Marina Advisory workgroup to evaluate the Clean Marina Program and identify new opportunities for coordination;
- Explore opportunities to expand the scope of the Clean Marina Program by addressing practices at boat launches and private slips, dockages and moorings;
- Explore and develop tools, tips, education, and guidance specific to boat owners/operators
- Further develop the Clean Marina Program's web page 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 2015-16 Clean Marina Program activities primarily in the Barnegat Bay. This will help satisfy Governor Christie's 2010 Comprehensive Plan of Action Item #10 to reduce water craft impacts in Barnegat Bay.

OCLUP will continue to contract with the NJSGC to implement the marina outreach and technical assistance program developed as part of NJ's Clean Marina Program. The OCLUP 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 NJSGC will include:

- Hosting a workshop/ training event(s) 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;
- Replenishing the materials pertinent to the Clean Marina Program such as signs, printed guidebooks, and/or CDs;
- Providing technical assistance, marina visits, and BMP identification;
- Continuing the preparation and distribution of the Clean Marina newsletter; and
- Developing and distributing a survey to gauge the benefits of the Clean Marina Program as availability of staff and the budget permit as well as identify areas where the program can assist marinas in

pledging and gaining designation as a Clean Marina Program 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 materials 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 NJSGC; and
- Copies of or links to newsletters, fact sheets, and materials developed during the course of the Contract and in coordination efforts with other NJDEP programs.

Outcome End Date: March 2017

Task Funding

Federal:	\$56,362
Non-Federal:	\$0
Total:	\$56,362

Task: Policy Refinement

Task ID: 306-4

Applicant ID: 306-4

Timeframe: October 2015 through March 2017

The OCLUP in coordination with DLUR, ODST, and Office of Policy Implementation will provide guidance to other NJDEP 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. OCLUP in coordination with DLUR, ODST, and Office of Policy Implementation will coordinate with other networked programs on the amendments to existing and newly proposed CMP rules, policy refinements, Routine Program Changes, and Federal Consistency.

OCLUP continues to be committed to initiating 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 NJCMP. A long term goal of this effort is an enhanced NJ Coastal Atlas.

Task Outcomes

1. Policy Guidance

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

OCLUP, DLUR, BCLUE, Office of Policy Implementation, and ODST are responsible for reviewing and assessing the effect of proposed State and Federal legislation on the implementation of the NJCMP and its enforceable policies as well as NJ's coastal resources.

Deliverables: Policy guidance provided will be summarized in semi-annual performance reports.

Outcome End Date: March 2017

2. Regulatory Updates

During the Year 34 (NA14NOS4190116) Grant Period, the Department adopted amendments, repeals, and new rules consolidating the coastal rules into a single chapter and amending the rules governing the permitting process. This rulemaking was the first phase in the Department's transformation of the operations of the coastal, freshwater wetlands, and flood hazard area permitting programs. During the Year 35 (NWJJCZM2015) grant period, the Department intends to undertake the second and third phases of this transformation. Specifically, the Department intends to propose amendments to the Flood Hazard Area Control Act Rules, N.J.A.C. 7:13 and Freshwater Wetlands Protection Act Rules, N.J.A.C. 7:7A, aligning the permitting processes of these rules with the newly adopted coastal rules.

While the 2014-2015 coastal rulemaking focused on the permitting process rules, the Department recognizes that comprehensive amendments to the rules governing the use, development, and protection of the State's coastal resources are necessary. Therefore, on September 8, 2014, the Department held a stakeholder meeting to engage interested stakeholders, initiating the next phase of coastal rulemaking. Based on the comments submitted on the 2014-2015 rulemaking, the Department sought input on the following topics: Coordination with the State Development and Redevelopment Plan, Filled Water's Edge, Threatened and Endangered Species Habitat, Critical Wildlife Habitat, and the Dredging Technical Manual. As a result of the stakeholder meeting, seven stakeholder subcommittees were formed: Coordination with the State Development and Redevelopment Plan, Filled Water's Edge, Threatened and Endangered Species Habitat, Critical Wildlife Habitat, Dredging Technical Manual, Adaptation and V zones, Long Branch Redevelopment Zone Permit, and Recreational Docks. During the 35th grant year, the Department will continue meeting with these subcommittees to explore potential changes relating to these topics. The outcome of these subcommittees will inform the next round of coastal rulemaking.

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

Outcome End Date: March 2017

3. Routine Program Changes

During the Year 35 (NWJCZM2015) grant period, the Department intends to:

- work with OCM staff to prepare and ultimately submit a routine program change to incorporate amendments to the Freshwater Wetlands Protection Act Rules regulatory changes as enforceable policies of the NJCMP.
- develop a program change package to incorporate both the Flood Hazard Area Control Act, N.J.S.A. 58:16A-1 et seq. and Flood Hazard Area Control Act Rules, N.J.A.C. 7:13 as enforceable policies under the NJCMP.

Deliverables: Final program change document incorporating the regulatory amendments as described above.

Outcome End Date: March 2017

4. Coastal Data Assessment

In recognition that, while the state NJCMP has matured over the past decades, coastal conditions, trends and issues are dynamic and have changed over that period, and thus there is a need to re-assess the NJCMP policies, authorities, and approaches to ensure that they continue to reflect and address this changing environment. This program assessment is particularly important in light of the increased

risk to NJ's coastal development and natural resources from coastal hazards. The Department's commitment to the Governor's Barnegat Bay Action Plan, helped identify critical data gaps and partners working to close those gaps.

To that end, NJDEP is continuing with the development of a Coastal Data Assessment Project. The primary purpose of this project is to collect, assess data usability, and update the data that serves as the backbone for decision-making within the NJCMP. 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 NJ 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:

- Continue to identify data sets critical for coastal permitting decisions and coastal resource management planning, and assess the quality and completeness of these data sets;
- Prioritize data development needs based on the assessment, i.e., what are the significant data gaps, is there existing data that can be re-assessed in a way that would be useful to the program and what are the data quality concerns;
- Continue to develop a work plan to address these needs, including cost estimates and partners at local, state and federal levels that are working on collecting relevant data;
- Implement the data development work plan in a phased manner as resources permit; and
- 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, shellfish beds, hardened shoreline features, tidal range/salinity gradient, vertical and horizontal coastal erosion rates; 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 data layers such as an update of LiDAR data, particularly recognizing recent topographic changes resulting from Superstorm Sandy.

Deliverables:

- Continue researching and identifying critical data sets, including needs statement for each.
- Prioritization and identification of partners and resources to close existing data gaps.
- Begin posting data online for public review and use.

Outcome End Date: March 2017

Task Funding

Federal:	\$134,059
Non-Federal:	\$0
Total:	\$134,059

Task: Coastal Planning

Task ID: 306-5

Applicant ID: 306-5

Timeframe: October 2015 through March 2017

This task includes OCLUP's ongoing planning-related activities, including municipal public access planning, resilient coastal community support, and the identification and designation of coastal centers and planning areas. This effort has been supplemented by a NOAA-awarded CRest grant to implement a NJ Resilient Coastal Communities Initiative.

Task Outcomes

1. Municipal Public Access Planning

OCLUP will continue to oversee the development of voluntary Municipal Public Access Plans (MPAP) which were incorporated into the CZM rules in 2012. OCLUP will continue to implement the going rounds of the Municipal Public Access Planning Program. OCLUP will coordinate implementation of these plans with other NJDEP programs that are engaged in the education, permitting, and compliance of public access locations and facilities.

OCLUP will:

- Continue to provide technical guidance and assistance, identifying, and mapping public access sites, and identifying conservation/preservation tools in the development of MPAPs;
- Continue to implement the ongoing two rounds of the Municipal Public Access Planning Grant Program;
- Provide coastal communities with technical, staff, and potentially intern and/or financial support through a Municipal Public Access grant program, to develop Municipal Public Access Plans;
- 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 NJDEP'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 OCLUP will measure its progress.

Deliverables:

- Status reports on technical assistance provided to coastal communities;
- Status of proposals received and awarded in response to the ongoing and future rounds of the grant program;
- Status of the number of MPAPs submitted and adopted;
- Examples of submitted and adopted MPAPs and associated public notices; and
- Copies of new information posted on the webpage.

Outcome End Date: March 2017

2. Resilient Coastal Communities Planning Support

In recognition of the increased threats from coastal hazards, the NJCMP continues to provide NJ's coastal communities with planning and technical assistance with resiliency planning. The NJCMP will continue to provide, coastal towns with appropriate technical and program support, including:

- Flooding vulnerability assessments using quantitative tools that incorporate storm surge and sea-level rise (SLR);
- Identification of strategies to address the projected community vulnerabilities, including assistance with implementation;
- Provide coastal communities with technical, staff, and potentially intern and/or financial support through a grant program; and
- Partnering with NJ NGOs and other levels of government also engaged in community resilience planning in order to expand and coordinate the scope of services being offered to local officials.

Deliverables:

- Municipal level vulnerability assessments that identify facilities, properties, and resources at varying risks of flooding under different storm and SLR scenarios;
- Coordinated regional and state-wide actions and plans, involving NJ stakeholder groups, NGOs and other levels of government, for improving local, regional, and state hazard resiliency.

Outcome End Date: March 2017

3. Coastal Center Identification and Planning Support

Communities face the challenge of determining how and where to accommodate redevelopment, growth, and natural resource conservation. Smart growth policies can help communities meet their goals for quality of life, safety, mobility and their economy and environment. The Coastal Permit Program Rules and the Coastal Zone Management (CZM) Rules include a process for the identification of Coastal Centers that take these planning principles into consideration. "Center" is defined in the CZM Rules as "a compact form of development which may have one or more cores and residential neighborhoods. A center may be an urban center, regional center, town, village, or hamlet, based on factors such as comparative size, population density, total population, transportation access, infrastructure, and employment base." OCLUP will continue to provide coastal communities with the planning and technical support to implement these planning principles, and support the identification of Coastal Centers consistent with the Coastal rules.

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

Outcome End Date: March 2017

Task Funding

Federal:	\$381,086
Non-Federal:	\$0
Total:	\$381,086

Task: Coastal Permitting

Task ID: 306-6

Applicant ID: 306-6

Timeframe: October 2015 through March 2017

Administration of the coastal permitting programs includes coastal permit review, federal consistency, and requests for adjudicatory hearings to contest permit decisions. DLUR and the Office of Dredging and Sediment Technology (ODST) administer the coastal permitting programs under Coastal Area Facility Review Act (CAFRA), the Wetlands Act of 1970, the Waterfront Development Law, and the Freshwater Wetlands Protection Act, which are enforceable policies under the NJCMP. In addition, DLUR and the ODST are responsible for the issuance of Water Quality Certifications and Federal Consistency Determinations. The rules which govern permit decisions under these statutes are the CZM 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, the Stormwater Management rules, N.J.A.C. 7:8, and the 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 area. Jurisdictional thresholds are based on the type of project and its 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 NJDEP to regulate all development within mapped tidal wetlands.
3. Waterfront development: The Waterfront Development Law, enacted in 1914, authorizes the NJDEP to regulate certain types of development in all tidal waterways, as well as along all man-made waterways and lagoons subject to tidal influence found within any of three specific geographical areas.
4. Freshwater wetlands: The Freshwater Wetlands Protection Act, enacted in 1987, authorizes the NJDEP to regulate development in and in close proximity to wetlands. NJ 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 as an enforceable policy under the NJCMP.
5. Tidelands: Tidelands, also known as riparian lands, are all lands that are currently and formerly flowed by the mean high tide of a natural waterway. The State of New Jersey claims ownership of these tidelands and holds them in trust for the people of the state. All tidelands are overseen by the Tidelands Resource Council, a board of twelve Governor-appointed volunteers, along with DEP staff at the Bureau of Tidelands Management. Since tidelands are public lands, written permission must be obtained from the State and a fee paid in order to use these lands. Common uses of tidelands include docks, mooring piles, bulkheads and other fill materials. Some tidelands may be sold in the form of a Riparian Grant while others may only be

rented through either a Tidelands License or Lease.

6. Water Quality Certification: Certifications are issued in accordance with Section 401 of the Federal Clean Water Act. Requests for a water quality certification are also reviewed in accordance with other applicable statutes and regulations administered by NJDEP including the Surface Water Quality Standards (N.J.A.C. 7:9-4).

7. Federal Consistency Determinations: Section 307 of the CZMA requires that various federal activities be conducted in a manner consistent, to the maximum extent practicable, with the approved state CMP.

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

9. Technical assistance: Also included

Task Outcomes

1. Coastal Permit Program Administration

Administer coastal permitting program, review and issue final decisions on applications for CAFRA, coastal wetlands, waterfront development, and freshwater wetlands permits, water quality certificates and Federal Consistency determinations.

Implementation of the coastal permitting program includes:

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

Deliverables: Section B report including the volume of permitting activities will be provided with semi-annual performance reports.

Outcome End Date: March 2017

2. Federal Consistency Determinations

DLUR and the ODST will continue to review federal actions for consistency with the enforceable policies of the NJCMP.

Deliverables: A summary of significant Federal consistency reviews and activities during that occurred during the reporting period as well as the volume of permitting will be provided with the semi-annual Section B Report performance reports:

Outcome End Date: March 2017

3. Requests for adjudicatory hearings

NJDEP's rules provide the opportunity for interested persons who find themselves aggrieved by a permit decision made by DLUR of the ODST 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 and the ODST 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 such cases.

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 in order for a permit it be issued.

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

Outcome End Date: March 2017

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.

This is a routine service provided by DLUR and the ODST 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 2017

Task Funding

Federal:	\$813,998
Non-Federal:	\$1,499,445
Total:	\$2,313,443

Task: Coastal Permit Monitoring, Compliance & Enforcement

Task ID: 306-7

Applicant ID: 306-7

Timeframe: October 2015 through March 2017

BCLUE enforces CAFRA, the Wetlands Act of 1970, and the Waterfront Development Law. In addition, BCLUE enforces the Freshwater Wetlands Protection Act within the coastal zone. Permits authorizing activities, which, if violated, have the potential to result in significant adverse impact to coastal resources, receive compliance monitoring inspections. For those regulated activities for which no permit has been obtained and for projects not complying with the permit requirements, BCLUE issues Notices of Violation in order to obtain quick compliance. Where Notices of Violation fail to achieve compliance or where violations are so egregious that a penalty is warranted, BCLUE issues an Administrative Order and Notice of Civil Administrative Penalty Assessment (AONOCAPA). AONOCAPAs are the initial step in seeking formal administrative or legal remedies. BCLUE strives to expand the impact, timeliness, and deterrent effect of enforcement in NJ's coastal zone by tailoring enforcement response to the degree of environmental harm and recalcitrance of the violator. This enables prioritization of enforcement response toward activities deemed to be of significant environmental harm or significant potential environmental harm. This ensures that resources are being applied to accomplish the maximum environmental benefit.

Task Outcomes

1. Program Administration

Administer coastal monitoring, compliance, and enforcement program to ensure compliance with all issued CAFRA, coastal wetlands, waterfront development, and freshwater wetlands permits, water quality certifications and Federal Consistency determinations.

Deliverables: The volume of enforcement activities will be provided with semi-annual performance reports and the Section B report.

Outcome End Date: March 2017

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. DLUR and BCLUE have agreed that upon adoption of additional permits-by-certification, standard compliance inspections of those permits-by-certification will be a point of emphasis for BCLUE. In addition, DLUR will identify for BCLUE any specific individual or general permits that should be targeted for compliance inspection due to the sensitivity of nearby resources or for which it has specific

compliance concerns. BCLUE will respond to complaints of violations of the coastal rules of all types by conducting remote sensing and field inspections to document violations and compel compliance through appropriate enforcement action. 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 (EEEE). 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 2017

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, coastal wetlands, 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. As the BCLUE 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 2017

Task Funding

Federal:	\$521,002
Non-Federal:	\$496,555
Total:	\$1,017,557

Task: Coastal & Marine Spatial Planning

Task ID: 309-1

Applicant ID: 309-1

Timeframe: October 2015 through March 2017

Coastal and Marine Spatial Planning (CMSP) (also referred to as marine planning or ocean planning) is a comprehensive, integrated, science and ecosystem-based approach to address conservation, economic activity and sustainable use of ocean and coastal resources. NJ 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 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 CMSP framework for NJ's ocean waters, OCLUP 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 CMSP framework for the area offshore of NJ 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 possible that the CMSP effort may result in revisions to NJ's enforceable policies (CZM rules). Federal consistency under the CZMA, with its reliance on enforceable policies, is the key authority available to NJ to review and comment on activities proposed in federal waters off our shore.

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

The key steps NJ will take to develop a CMSP 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

Participation of the NJCMP in the activities of MARCO and the RPB are advantageous as these boards and their planned accomplishments will assist in influencing ocean research priorities that benefit the region and in improved State and Federal agency decision making. Regional planning and agency coordination allows for the leveraging of ideas and resources and planning for ocean resource management.

OCLUP will continue to participate on the MARCO Management Board and on the various subcommittees associated with the action agenda items. Specifically, this task addresses OCLUP coordination efforts to enhance the MARCO Data Portal, develop and or enhance existing data sets through new mapping initiatives, and stakeholder engagement.

OCLUP will also continue to work with the MARCO states and the Mid-Atlantic RPB to advance identification of, and address, regional issues. OCLUP 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:

- CMSP framework for the area offshore of NJ as an element of a broader regional planning process and as part of the federal framework.
- Summary reports of coordination activities will be provided with semi-annual performance reports.

These deliverables are the culmination of the 2011-2015 Ocean Strategy, absent a federal framework on which to base a coastal and marine spatial plan.

Outcome End Date: March 2017

Task Funding

Federal:	\$70,546
Non-Federal:	\$0
Total:	\$70,546

Task: Wetlands/Living Shorelines Adaptation

Task ID: 309-2

Applicant ID: 309-2

Timeframe: October 2015 through March 2017

NJ's shoreline is a dynamic, ever-changing environment that continues to erode from the impacts associated with coastal storms, normal tidal exchange, and sea level change. New Jersey's coastal wetlands ecosystems show signs of stress from the impacts of development, coastal storms, vertical and horizontal erosion of coastal wetlands, and sea level change. In the past, the standard response to these stresses was to construct hardened shoreline stabilization structures. While these practices have proven to be beneficial in reducing property damage, such structures have been found to contribute to additional loss of coastal wetlands habitat, and in some cases, increased erosion of adjacent properties. In order to combat coastal erosion and wetland loss, New Jersey is promoting the use of "living shorelines." Living shorelines use natural and structural measures to mimic natural habitat elements to protect shorelines from erosion while also providing critical habitat for wildlife and water quality benefits. OCLUP is developing a NJ-specific strategy to promote the use of living shorelines in conjunction with habitat creation, restoration and enhancement.

The Nature Conservancy of New Jersey applied for, and was awarded, a NOAA CRest (Coastal Resilience Networks) grant to develop the New Jersey Resilient Coastlines Initiative. This grant sets the groundwork for restoring resilient coastlines in NJ so that natural and human communities are better able to adapt to changing climates including sea level rise and large storm events. OCLUP staff participates on the steering and technical committees. The outcomes of this grant will inform the Department's Living Shoreline Strategy Direction.

The OCLUP was awarded a Hurricane Sandy Coastal Resiliency Competitive Grant funded by National Fish and Wildlife Foundation (NFWF) and the Department of the Interior (DOI) for "Building Ecological Solutions to Coastal Community Hazards" to develop and fund ecologically based coastal hazard mitigation strategies. Under the NFWF grant, the OCLUP is working to develop a comprehensive guide to ecologically based natural hazard mitigation strategies, provide outreach and education on the local application of the mitigation strategies, provide direct assistance to 45 of the 239 coastal municipalities, create pilot projects for replication by others, develop a coastal citizen monitoring program, develop school programs to engage youth in understanding coastal hazards and monitoring, and to circulate the results locally, regionally and nationally. The outcomes of the NFWF grant will inform the Department's Living Shoreline Strategy Direction.

Task Outcomes

1. Living Shorelines Strategy Direction

A final draft of the Living Shorelines Strategy Direction was completed in 2014, and is being implemented by the NJCMP. However, additional information continues to come in, including from the grants identified above, and updates to the Strategic Direction are necessary. This strategy addresses the development of guidelines and policies for 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. The CMP will continue to update and enhance the Living Shorelines Strategy Direction, including through the following activities:

- OCLUP will continue to coordinate an internal Department Living Shorelines Workgroup comprised of applicable NJDEP offices and programs to coordinate, develop, and implement living shoreline projects and habitat restoration and enhancement projects. OCLUP will create a tracking system for Internal Working Group comments and feedback as living shoreline and coastal restoration projects are developed to help expedite the permitting and application process internally.
- OCLUP is developing a Statewide Living Shoreline & Coastal Restoration Advisory Committee comprised of applicable NJDEP programs, federal, regional and local partners, as well as coastal stakeholders.
- OCLUP continues to work with local partners, regulatory agencies and DEP staff to plan, permit and in some cases, install living shoreline pilot projects to evaluate, assess and refine our strategy.
- OCLUP is building on existing partnerships at all levels of government, non-governmental organizations, private sector and academia to identify and 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. OCLUP will coordinate annual or biannual Science and Policy conferences designed to communicate, collaborate and coordinate with programs and partners.
- The CMP will contribute to prioritization of known data gaps as outlined in Task 306-4
- Develop living shoreline and coastal restoration webpage.
- Share at conferences, online forums, meetings, training, and related outreach events outline suggested policy refinement as program matures.
- Pilot a citizen science monitoring program to help fill known data gaps through crowd sourcing.

Deliverables:

- Revised and updated Living Shorelines Program Strategic Direction.
- Finalized Living Shorelines Engineering Guidelines..
- Summary updates and reports of meetings attended will be provided in semi-annual performance reports.

These deliverables are the culmination of the 2011-2015 Wetlands Strategy goal to develop guidelines, procedures, and policy documents that will result in meaningful improvements in coastal resource management specific to the implementation of living/adaptive shoreline strategies.

Outcome End Date: March 2017

Task Funding

Federal:	\$173,079
Non-Federal:	\$0
Total:	\$173,079

Task: Cumulative & Secondary Impacts

Task ID: 309-3

Applicant ID: 309-3

Timeframe: October 2015 through March 2017

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. OCLUP is attempting to identify and manage the cumulative and secondary impacts that coastal development has on NJ's valuable coastal resources such as tidal marshes and wetlands, wildlife habitat, fish and shellfish, public lands, and overall water quality.

The NJCMP 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

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.

OCLUP will work with municipalities to examine current plans and ordinances to gauge their effectiveness in protecting coastal resources and promoting sustainable communities. OCLUP 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.

OCLUP 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 OCLUP 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, NJCMP will describe criteria and submit to OCM for approval and incorporation into the measure.

This task has been identified as a Section 312 metric by which the OCLUP will measure its progress.

Deliverables: OCLUP 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. These deliverables are the culmination of the 2011-2015 Cumulative and Secondary Impacts Strategy goal to evaluate municipal plan and ordinances, and provide technical assistance toward the adoption of new plans and ordinances.

Outcome End Date: March 2017

2. Coastal Planning Area and Center Designation Process Update

The process of identification of CAFRA Planning Areas and Centers, which include a set of planning areas guiding the level and location of development, are included in the CZM Rules. That process is closely linked to the adopted State Development and Redevelopment Plan (State Plan), State Planning and Policy Map (State Plan Map), and Plan Endorsement Process, all managed by the NJ State Planning Commission. The State Planning Commission has drafted a new State Plan (State Strategic Plan) which eliminates the current State Planning and Policy Map that is used to establish CAFRA planning areas and centers, and the Plan Endorsement Process to identify and implement changes to the State Plan and State Plan Map, is moribund. Therefore, there is a need to revise Department policies and procedures for CAFRA planning areas and centers (or their equivalent) in order to continue protecting valuable coastal resources. In doing so the Department will be guiding development into areas appropriately planned for growth with infrastructure, increasing economic and tourism, and sustainability, while also minimizing risk to environmental resources and coastal hazards.

Based on the Sustainable Coastal Communities outcome above, the Department will evaluate options on how to proceed in the short and long term to establish a process in the CZM Rules for the Department to designate growth centers and to revise planning areas. The Department has started testing such a process through the Year 34 (NA14NOS4190116) CZM Grant. CMP staff will continue to oversee those grants, as well as provide significant technical support to coastal communities, in the planning process.

Deliverables:

1. Summary of technical assistance provided to communities.
2. Identification of reports and/or products produced with direct CMP and/or coastal partner support.

These deliverables are the culmination of the 2011-2015 Cumulative and Secondary Impacts Strategy goal to provide technical assistance to municipalities. This engagement of the municipalities is informing an evaluation of the potential for a comprehensive planning enforceable action.

Outcome End Date: March 2017

Task Funding

Federal:	\$110,515
Non- Federal:	\$0
Total:	\$110,515

Task: Coastal Hazards

Task ID: 309-4

Applicant ID: 309-4

Timeframe: October 2015 through March 2017

The NJCMP continues to develop a Resilient Coastal Communities program within the Department. The CMP has been providing communities the tools, information, guidance, and technical assistance in order to make informed decisions on mitigation and adaptation measures. This effort has been supplemented by a NOAA-awarded CRest grant to implement a NJ Resilient Coastal Communities Initiative.

This effort is based on the successful development of tools under the Coastal Hazards issue area – the Coastal Community Vulnerability Assessment and Mapping Protocol (CCVAMP) which comprised of a Coastal Vulnerability Index (CVI) and the Getting to Resilience (GTR) questionnaire. These tools provide coastal communities with the instruments to evaluate their vulnerability to coastal hazards and identify appropriate responses. The NJCMP continues to utilize and update its existing tools, and develop new support tools to provide coastal communities with the ability to make informed decisions.

The NJCMP will also continue to work closely with its coastal partners to provide coastal communities with planning and technical support to become more resilient to coastal hazards. The outcomes of these efforts not only provide the CMP with guidance on what information and activities would be most successful in development of Resilient Coastal Communities program, but also provide the communities with data, mapping, and recommendations to make informed decisions.

Task Outcomes

1. Resiliency Planning Tool Development/Maintenance

The NJCMP has previously completed the development of tools under the Coastal Hazards issue area – the Coastal Community Vulnerability Assessment and Mapping Protocol (CCVAMP) comprised of a Coastal Vulnerability Index (CVI) and the Getting to Resilience (GTR) questionnaire. These tools provide coastal communities with the instruments to evaluate their vulnerability to coastal hazards and identify appropriate responses and serve as the basis for much of the CMP's work with communities. The NJCMP continues to update and maintain these tools as necessary and appropriate.

Through the NJ RCCI CRest Grant, the NJCMP has begun development of a Municipal Coastal Hazards Response Guide to identify planning responses and other implementation tools, and their appropriate use within NJ's existing regulatory and fiscal environment. While the RCCI grant will lay out the framework for this Guide, and begin to identify specific municipal responses, significant work remains to provide comprehensive guidance. The CMP will build out the Guide to provide a wide range of planning and ecologically-based responses

to coastal hazards. The Guide is intended to be posted on the CMP website as an interactive planning tool.

Deliverables:

1. Expanded Municipal Coastal Hazards Response Guide;
2. Summaries of significant updates and maintenance of CVI and GTR will be provided in semi-annual performance reports.

These deliverables are the culmination of the 2011-2015 Coastal Hazards Strategy goal to provide coastal communities with the tools, information, guidance, best management practices, and technical assistance needed to plan for coastal hazards.

Outcome End Date: March 2017

2. Technical Assistance

The individual tools identified above provide much of the framework for a comprehensive planning effort, and used in conjunction, provide much of the necessary guidance and recommendations for coastal communities to plan for the impacts of coastal hazards. However, these tools are most successful when direct assistance is provided by knowledgeable staff, and often, financial support. The NJCMP intends to continue to provide coastal communities with this support through:

- CMP staff assistance in utilization of the tools, including identification and development of community actions;
- coordination with, and support of, CMP coastal partners, including but not limited to JCNERR.

NJCMP staff will also continue to implement and provide technical support to communities and consultants funded by the Sustainable & Resilient Coastal Communities RFP.

Deliverables:

1. Summary of technical assistance provided to communities;
2. Identification of reports and/or products produced with direct CMP and/or coastal partner support;

These deliverables are the culmination of the 2011-2015 Coastal Hazards Strategy goal to provide coastal communities with the tools, information, guidance, best management practices, and technical assistance needed to plan for coastal hazards.

Outcome End Date: March 2017

Task Funding

Federal:	\$139,860
Non-Federal:	\$0
Total:	\$139,860