

# **Application for Assistance under the Coastal Zone Management Act**

## **Oregon CZM**

EIN/TIN/DUNS Number: 809580327

July 2015 to December 2016

Applicant:

**Department of Land Conservation and Development  
Ocean and Coastal Services Division  
635 Capitol St NE, Suite 150  
Salem OR 97301**

**503-934-0052**

## Grant Introduction

Mission of the Oregon Coastal Management Program:

To work in partnership with local governments, states and federal agencies and other stakeholders to foster livable, resilient communities by ensuring that coastal and ocean resources are managed, conserved and developed consistent with Oregon's coastal program authorities.

This 2015-16 Coastal Management Grant will enable the Oregon Coastal Management Program to support its mission as well as NOAA's Vision for the Future and Long Term Goals.

Climate Change Adaptation & Mitigation: An informed society anticipating and responding to a changing climate and its impacts. The OCMP will work with coastal local governments, other states and federal agencies, and with NOAA to anticipate and plan for the effects of climate change, particularly erosion and flooding associated with increased tidal elevations. See Task 306-7, Subtask C and D and Task 306-8;

Weather-Ready Nation: Society is prepared for and responds to weather-related events. The OCMP will work with local governments to identify areas at risk from river flooding, ocean wave overtopping, and erosion caused by storm events. See Task 306-7, Subtask A and B;

Resilient Coastal Communities & Economies: Coastal and Great Lakes communities are environmentally and economically sustainable. The OCMP will carry out a suite of activities to achieve comprehensive ocean and coastal planning and management that will strengthen Oregon's coastal economy and environment. See Tasks 306-1, 306-2, 306-5, 306-6, 306-7, 306-8, and 306-9.

In carrying out this grant, the DLCD will:

- Utilize partnerships and collaboration with local governments, state agencies, federal agencies and others;
- Assist the Governor's Office in implementing the West Coast Governors Alliance on Ocean Health;
- Provide data integration and delivery to support ocean alternative energy planning, marine reserve implementation, marine spatial planning, and estuary management;
- Develop and improve decision-support tools and technology for a variety of applications.

## **Program Information - Section 306**

### **Task: Local Government Planning Assistance**

Task ID: 306-1

Applicant ID:

Timeframe: July 2015 through June 2016

This task supports the Department's mission to assist coastal local governments in implementing and amending comprehensive plans and land use regulations which are essential regulatory elements of the Oregon Coastal Management Program. Coastal staff will work closely with planning staff and elected officials in coastal cities and counties, as well as state agencies and the public, to provide advice and assistance in making planning decisions pursuant to the statewide land use planning goals and other requirements.

During the 2015-16 grant year, OCMP field staff will assist coastal city and county planning programs through:

- Policy advice, particularly on interpreting Statewide Planning Goals and Administrative Rules, court cases, and other policy guidance;
- Planning advice, including formal comments, relative to issues that have arisen that may trigger proposed plan amendments, and;
- Technical assistance to local governments via direct information as well as bringing in technical expertise from other agencies or sources as appropriate.

### **Task Outcomes**

#### **1. Local Plan Implementation**

Decisions made pursuant to local comprehensive plans and implementing ordinances will comply with requirements of the statewide planning program; local decisions will be made in conformance with plans and ordinances, and the Statewide Planning Goals. Amendments to comprehensive plans and ordinances will comply with the Statewide Planning Goals. State agency programs and requirements will be coordinated with local government actions.

Outcome End Date: June 2016

#### **2. Deliverables**

Semi-annual reports summarizing planning and technical assistance provided to local governments.

Outcome End Date: June 2016

### **Task Funding**

Federal:	\$207,536
Non-Federal:	\$35,756
Total:	\$243,292

## Task: Grant Assistance to Coastal Local Governments

Task ID: 306-2

Applicant ID:

Timeframe: July 2015 through December 2016

The OCMP will provide grant assistance to local governments to support coastal management activities.

During the period, the OCMP will offer two categories of grant assistance:

- *Basic coastal planning assistance grants* to coastal jurisdictions (e.g., plan maintenance, plan amendment, development reviews). These grants will be awarded on a formula basis. All coastal jurisdictions will be asked to submit a formal request for the basic coastal planning grant. Coastal planning assistance grants support local government operations to implement the local coastal program requirements through routine planning, decision making, and regulations at the local level.
- *Technical assistance grants* help local governments with discrete projects to improve the quality of local land use plans and implementing ordinances, enhance the technical capacity of local government land use program, or complete background studies and assessments needed to improve local planning programs. Technical assistance grants will be awarded based on the merits of proposals and budgets submitted by local governments.

Local governments provide 1:1 matching funds for grant assistance.

DLCD coastal field staff will provide advice upon request to jurisdictions about grant work programs and outcomes for technical assistance grants and will monitor progress.

### Task Outcomes

#### **1. Local Coastal Planning Assistance Grants**

A planning assistance grant will be awarded to each coastal local government that submits a letter of interest. The grant agreement will specify reporting requirements from the local government about activities performed under the grant.

Outcome End Date: June 2016

#### **2. Local Technical Assistance Grants**

Technical assistance grants will be awarded to coastal cities and counties that submit a proposal and are selected by the Coastal Regional Representatives in consultation with the program manager. Grant awards will be based on funds available, the purpose of the project to be supported, project feasibility, and local match.

Outcome End Date: December 2016

**3. Deliverables**

- Semi-annual report listing basic planning grant assistance to local governments;
- Semi-annual report summarizing each technical or enhancement grant project.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$422,697
Non-Federal:	\$332,662
Total:	\$755,359

## Task: Federal Consistency and Coordination

Task ID: 306-3

Applicant ID:

Timeframe: July 2015 through June 2016

### Subtask A: Federal Consistency Review

The OCMP will review federal consistency determinations for federal activities, certifications for federal licenses and permits, and applications for federal assistance to assure consistency of these activities with the enforceable policies of Oregon's federally approved coastal management program. OCMP staff will work with other state and federal agencies and, when appropriate, with applicants to determine whether activities or permits are subject to and consistent with local and state authorities of the OCMP.

### Subtask B: Federal Coordination

OCMP staff will coordinate with federal agencies on many federal activities in the coming year. Because of the nature and timing of most projects, the OCMP does not have advance knowledge of all activities that will require coordination, but activities may include:

- Corps of Engineers (CORPS) navigation projects along the entire coast, with emphasis on maintenance dredging and disposal of dredged material. The US Army Corps of Engineers' Unified Dredge Permit, which authorizes maintenance dredging of all coastal navigation channels except for the Columbia River federal navigation channel, expires in March, 2017. OCMP staff will work with the Corps and state and local partners to renew the permit;
- OCMP staff will coordinate with Oregon and Washington state agencies and federal agencies on the long-term management of Columbia River sediment;
- OCMP staff will continue to coordinate with federal and state partners to address maintenance dredging needs for small coastal ports;
- Improvements to navigation jetties;

Federal agency coordination related to ocean alternative energy planning. Coordination will occur primarily, but not exclusively, in a state-federal task force formed through the Bureau of Ocean Energy Management.

### Subtask C: State Agency Coordination

OCMP staff will coordinate with staff from networked state agencies to ensure that coastal program interests are accounted for and to promote an efficient permitting process for applicants. Coordination will include:

- Participation in an ongoing joint state/federal group that works with applicants for Section 404/401 permits;
- Participation in a work group that is exploring the possibility of state assumption of Section 404 permitting;
- Working with the Department of State Lands to implement the Territorial Sea Plan.

**Subtask D: Regional Federal Consistency Activities**

The OCMP will coordinate with the Washington Department of Ecology and California Coastal Commission on federal projects which are regional in scope with potential effects on both states.

**Task Outcomes**

**1. Section B Report**

Semi-annual Section B reports summarizing review of federal permits and activities.

Outcome End Date: June 2016

**2. Consistency Reviews**

Review and concur with or object to consistency certifications and determinations provided to the department.

Outcome End Date: June 2016

**3. Coordination with Federal and State Agencies**

Communication and coordination with respect to federal authorizations and projects that may require a consistency review, and with respect to state agency permits and projects that affect coastal zone interests.

Outcome End Date: June 2016

**4. Deliverables**

Summary of federal consistency reviews and decision documents;  
Semi-annual report on coordination with federal and state agencies.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$75,751
Non-Federal:	\$0
Total:	\$75,751

## Task: Program Change Submissions

Task ID: 306-4

Applicant ID:

Timeframe: July 2015 through June 2016

### Subtask A: Program Change Submissions

The department will work with OCM to submit Routine Program Change (RPC) requests to OCM for approval. OCMP staff has discussed a tentative schedule with OCM staff, and will submit RPC requests for the local comprehensive plans and land use regulations the OCMP previously identified as Tier One, Two and Three plan amendments. In coordination with OCM, DLCD anticipates submission of state statutes and rule changes as well.

### Subtask B: Updated Federal Consistency Document

As backlogged program changes are submitted and approved, the department will update its guidance document that explains the federal consistency process and lists networked local land use and state agency requirements the applicants for federal licenses and permits must comply with. The department will also update the document to reflect any new or revised federal permits and licenses that are subject to consistency review.

## Task Outcomes

### 1. Program Change Submissions

Approved changes to enforceable policies of Oregon Coastal Management Program.

Outcome End Date: June 2016

### 2. Updated Federal Consistency Document

Updated federal consistency guidance document that lists local land use and state agency requirements that applicants for federal licenses and permits must comply with.

Outcome End Date: June 2016

## Task Funding

Federal: \$47,809

Non-Federal: \$0

Total: \$47,809

## Task: Ocean Resources and Planning Management

Task ID: 306-5

Applicant ID:

Timeframe: July 2015 through June 2016

### Subtask A: Ocean Policy Advisory Council

The Ocean Policy Advisory Council (OPAC) reviews and makes recommendations for amending the Ocean Resources Management Program and Territorial Sea Plan, and provides the Office of the Governor, State Land Board, and state agencies and local governments with advice on ocean resource management issues. The DLCD is charged with staffing and participating in OPAC activities, during the grant period, will include:

- Provide travel support to OPAC for two meetings and support the Executive Committee and the Scientific and Technical Advisory Committee;
- Maintain OPAC records, website and associated information;
- Assist the Governor's Office select new OPAC members.

### Subtask B: Assist Governor and Marine Cabinet

The OCMP Manager and Marine Program Coordinator will provide policy advice and technical assistance on ocean issues to the Executive branch on a wide range of ocean resource management issues related to the implementation of state policies, changes to those authorities, and new policy and programmatic initiatives. During the grant period those will likely include:

- Legislative actions;
- Regional ocean planning;
- National ocean policy;
- Marine reserve system;
- NOAA Marine Sanctuary process;
- Marine renewable energy;
- West Coast Governor's Alliance on Ocean Health;
- Oregon Ocean Research Vessel Council;
- Oregon Ocean Science Trust Fund;
- West Coast Regional Planning Body;
- Ocean acidification and hypoxia.

### Subtask C: Ocean Resources and Use Management

The OCMP Manager and staff will assist other state agencies in the implementation and amendment of state authorities for managing and regulating resources and uses within the state's territorial sea and nearshore areas. It is anticipated that the following tasks will occur during the grant period:

- Coordinate with the Department of State Lands (DSL) on the implementation of authorities for regulating activities, and apply proprietary authority for uses of the seabed;
- Participate in the DSL Joint Agency Review Team process for siting of ocean energy facilities to ensure that the permit review standards and requirements of the TSP will be applied;
- Coordinate on applications to DSL for marine renewable

energy projects within the Renewable Energy Facility Suitability Study Area offshore from Camp Rilea;

- Serve on the Vessel Oceanic Research Council to allocate state funding for contracting vessel time for research of Oregon's offshore waters;
- Assist with the implementation of the marine reserve system.

#### **Subtask D: Federal Coordination and Planning**

The OCMP is responsible for coordinating with federal agencies on the management of ocean resources and uses both within the state's territorial sea and, as needed, for the activities of federal agencies within federal waters that impact marine resources and uses that are important to the state of Oregon. During the grant period, those types of coordination efforts include:

- Support the BOEM Oregon OCS Renewable Energy Task Force. Meetings are held as needed by BOEM. OCMP will coordinate state efforts and provide technical information to the task force;
- Participate in the Pacific Marine Energy Center (PMEC) Collaborative Work Group on the permitting and leasing of the PMEC South Energy Test Site (SETS) near Newport;
- Participate in the BOEM Ocean Action Team (BOAT) on permitting and leasing for the Principal Power Technologies (PPT) Windfloat project site near Coos Bay.

#### **Subtask E: Ocean Data and Information**

The OCMP is the state's primary agency for the coordination of data and information collection and usage for managing regulating and researching coastal and marine resources and uses. This responsibility includes the development and implementation of systems, tools and applications for the continued access and use of that data and information in conjunction with state and federal agency partners, NGO's, the academic research community and commercial interests. During the grant period this will include:

- Assist in developing systems, methods, and standards to acquire, manage and provide data and information related to ocean health and management issues;
- Coordinate with resource agencies on formulating state recommendations to BOEM for the prioritization and use of their annual marine research funding;
- Work with federal and state agencies, and others on marine research, surveying, and monitoring and data management to support the WCGA and the NOP for marine spatial data planning;
- Maintain and provide website content, for ocean energy planning, marine reserves, and OPAC;
- Assist BOEM and NOAA on the Pacific Regional Ocean Use Atlas (PROUA) through provision of technical guidance, data and information and ensure PROUA is integrated into the existing marine data networks. The development and use of PROUA is of continuing concern for OPAC and local advisory committees such as Lincoln County's FINE group.

## **Task Outcomes**

### **1. Ocean Policy Advisory Council**

Staff support for the Ocean Policy Advisory Council and related working groups or committees.

Outcome End Date: June 2016

### **2. Policy and Technical Assistance**

Advice, assistance, and information on ocean issues to the Office of the Governor, state agency members of the Marine Cabinet, the West Coast Governors Alliance and Regional Planning Body.

Outcome End Date: June 2016

### **3. Ocean Planning**

DSL, rule amendments including any needed screening criteria rules for consistency with Part Five of the TSP; Coordinated implementation of the marine reserve legislation; Coordinated implementation of the BOEM MREC leasing program for Oregon; Amendments as necessary to the TSP.

Outcome End Date: June 2016

### **4. State-Federal Ocean Energy Task Force**

Several task force meetings, as determined by BOEM, to coordinate state and federal approaches to planning and managing ocean alternative energy development in the stewardship areas of the Oregon OCS, and track the PMEC and PPT lease applications.

Outcome End Date: June 2016

### **5. Ocean Data and Information**

Content and technical support for ocean related websites.

Outcome End Date: June 2016

### **6. Deliverables**

Semi-annual report summarizing ocean policy, planning and management activities; Updated DSL rules to implement Territorial Sea Plan amendments; Website content at <http://www.OregonOcean.info>

Outcome End Date: June 2016

## **Task Funding**

Federal:	\$132,495
Non-Federal:	\$0
Total:	\$132,495

## Task: Coastal Resource Conservation

Task ID: 306-6

Applicant ID:

Timeframe: July 2015 through June 2016

### **Subtask A: Follow-Up to the Estuary Project of Special Merit**

The Senior Coastal Policy Analyst will work with the Coastal Natural Resources Specialist to support local government use and adoption of the data and information products generated through the Estuary Project of Special Merit. Cartographic products from the estuary CMECS products will be generated and/or provided to organizations or communities that request them as part of the update for local estuary management plans.

### **Subtask B: Estuary and Shoreland Plan Modernization**

OCMP, led by the Senior Coastal Policy Analyst, will continue work on implementing the recommendations of the regulatory framework assessment completed during a prior grant period. The department will convene a technical work group to evaluate in detail the coordination between estuary management plan implementation and the Joint DSL/Corps permit process. This work will focus on identifying opportunities for improved integration of local plans with other regulatory processes and improved local implementation.

### **Subtask C: Implementation of CZARA New Development Management Measure Strategy**

OCMP will assist DEQ with implementation of the state's strategy for meeting the CZARA New Development Management Measure. The state's strategy is based on DEQ's guidance for cities and counties who have received TMDL load allocations for nonpoint sources of water pollution under their jurisdiction. Although the CZARA New Development Management Measure is focused on post-construction stormwater, the outreach program will engage jurisdictions in conversations about a range of management practices including those consistent with the 6217(g) new development management measure, that are effective at mitigating the impacts of urban and rural development on coastal waters, including: riparian buffers; improved road maintenance practices; and the elimination of cross connections between storm and sanitary sewers. Responses to survey questions will be used to tailor technical assistance to each jurisdiction.

The target audience for the project is staff and elected officials of coastal jurisdictions with pending or final TMDL pollutant load allocations. DEQ's intention is for outreach efforts to start with the mid coast basin and move to the north coast, Rogue, and Umpqua basins. TMDLs have been completed in these basins. Outreach efforts on the south coast will follow the completion of updated TMDLs for its sub basins. Staff will bring to the project a long standing relationship with coastal jurisdictions; knowledge of cities' and counties' comprehensive plans and codes; and experience with the code amendment process. The 2015-16 grant period is expected to overlap with the mid and north coast outreach efforts.

#### **Subtask D: Updates and Refinements to Oregon's CNPCP**

##### **Description**

The OCMP anticipates that Oregon's CNPCP will be released for public review during or soon after this grant period. Staff will review all material previously submitted to describe program elements and update descriptions as needed. Review was completed for the specific program elements used as the basis for interim approvals received since the states conditional approval in 2003. Refinements to the descriptions of the state's CNPCP may be necessary to update the information before final submission to NOAA and may also help divide program elements between the OCMP and Water Quality Nonpoint Source Program.

#### **Subtask E: King Tide Photo Project Support**

OCMP will work with partners to manage the King Tide Photo Project for King Tide events between November and February of the 2015-16 winter season. OCMP will provide the necessary technical support for the project by hosting the Oregon King Tides.net website, managing the database of photographs, and providing online tools for planning a king tide photo outing, submitting the photos online, and viewing the resulting photos through an online map interface.

#### **Task Outcomes**

##### **1. Support for Estuary Project of Special Merit**

Support will be provided, as needed, for adoption and use of the information products generated by Phase I of the Estuary Project of Special Merit.

Outcome End Date: June 2016

##### **2. Convene Technical Work Group**

Convene a technical work group and develop approaches for evaluating the coordination between local estuary management plan implementation and other regulatory process.

Deliverable: Technical memorandum summarizing the progress of the work group during the grant period.

Outcome End Date: June 2016

##### **3. Implementation of CZARA New Development Measures**

Assist DEQ in outreach to local government on the new development CZARA measures.

Outcome End Date: June 2016

##### **4. Updates to CNPCP Program Description**

Review and update program descriptions as needed.

Outcome End Date: June 2016

**5. King Tides Technical Support**

Technical support for management of the Oregon King Tides project.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$93,635
Non-Federal:	\$0
Total:	\$93,635

## Task: Coastal Hazard Planning

Task ID: 306-7

Applicant ID:

Timeframe: July 2015 through June 2016

This task provides for OCMP staff to provide assistance, education, outreach, and technical assistance related to coastal hazards within the context of local governments EXISTING land use programs as indicated below.

### **Subtask A: Assistance to Local Jurisdictions**

The department, principally through the Coastal Shorelands Specialist, will assist local governments to address potential hazards such as ocean flooding, coastal erosion, steep slopes, landslides, bluff and dune erosion, and tsunami inundation. This will include assisting in development review in coastal hazard areas and may include site visits, connecting experts with local governments, advising local jurisdictions on hazard issues and land use processes, supporting good decision making and holding informational meetings. DLCD staff assistance will generally emphasize: development proposal reviews for areas within DLCD's Goal 18 development restriction areas as they occur; dune and bluff hazard maps prepared by DOGAMI; Goal 18 hazard beachfront protective structure eligibility reviews, dune management provisions; DLCD model hazard ordinance; tsunami hazard mapping with DLCD tsunami land use guidance; and climate change and increasing coastal hazard adaptation planning work.

### **Subtask B: Interagency Hazards Coordination**

The DLCD Coastal Shorelands Specialist will participate in the interagency Coastal Processes and Hazards Working Group which will focus on issues such as: addressing Oregon's tsunami hazards using updated DOGAMI tsunami hazard maps and analysis; coastal process and hazards data and information needs; threats to public facilities due to storm hazards and tsunami wave inundation; and coordination and information sharing across programs, disciplines, and projects.

### **Subtask C: General Tsunami Hazard work with Local Governments**

DLCD staff will work with DOGAMI and coastal jurisdictions to provide technical assistance on the DOGAMI tsunami maps and resilience options to address tsunami hazards. DLCD will provide general resilience education and assist local governments to consider resilience measures options related to this potential catastrophic hazard.

### **Subtask D: NOAA Coastal Fellow Continuing Work**

The current DLCD NOAA Coastal Fellow has done significant work related to beachfront protection structure management, Goal 18 eligibility inventory, and policy review. OCMP staff will finalize the GIS inventory of beachfront protective structures. OCMP staff will finalize all GIS map products and provide training to local governments in their use. The Coastal Atlas Administrator will assist in finalizing this

task. This effort will also finalize the related hazard viewer product which allows stakeholders to access the information. OCMP staff will work with a number of jurisdictions, such as Lincoln County, Tillamook County and Clatsop County. The Coastal Shorelands Specialist will continue to provide education, outreach, and assistance to local governments on the Goal 18 inventory and provide education and outreach to local governments on use of this information.

The OCMP is also seeking to match with a new coastal fellow for the 2015-2017 Fellowship. The Coastal Natural Resources Specialist and the Coastal Conservation/Climate Change Adaptation Coordinator will co-mentor the successful applicant (if matched) on development of a vulnerable infrastructure inventory.

## **Task Outcomes**

### **1. Assistance to Local Governments**

Summary of examples of outreach and education, technical assistance provided as well as any updated policies, ordinance provisions, and hazards information incorporated into local comprehensive plans, ordinances, and planning decisions that may result from these efforts..

Outcome End Date: December 2016

### **2. Interagency Hazard Coordination**

Improved and ongoing communication and coordination among local, state and federal agencies with responsibilities for planning for and responding to coastal hazards.

Outcome End Date: June 2016

### **3. General Tsunami Hazard Work with Local Governments**

Summary of examples of outreach to local governments regarding general tsunami hazard work and potential resilience measures and options to better prepare for the potential for a Cascadia event earthquake and tsunami.

Outcome End Date: June 2016

### **4. NOAA Coastal Fellow Continuing Support**

OCMP staff will finalize GIS inventory products and coastal shores viewer and assist local governments in its use. OCMP staff will provide education and outreach to local governments on the Goal 18 Eligibility Inventory.

Related to the 2015-2017 Fellowship, if successful, guidance will be provided to the new coastal fellow in the conduct of the coastal asset inventory, as related to SLR resilience in coastal communities.

Outcome End Date: June 2016

**5. Deliverables**

Semi-annual report of the status of coastal hazard planning activities by the Coastal Shorelands Specialist.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$70,607
Non-Federal:	\$24,199
Total:	\$94,806

## Task: Planning for Coastal Resilience

Task ID: 306-8

Applicant ID:

Timeframe: July 2015 through June 2016

The Coastal Conservation Coordinator, who is also OCMP's Climate Change Specialist, will provide leadership, guidance and technical assistance in planning for future climate conditions. OCMP will provide support for the further development of Oregon's Climate Change Adaptation Framework at the regional and local levels. The OCMP will also foster implementation of regional climate adaptation strategies as they are developed. OCMP staff will provide assistance in the form of information and technical expertise to various organizations and OCMP partners at the national, regional, state and local levels that are involved in planning to adapt to future climate conditions.

### **Subtask A: Coastal Community Resilience Networks**

The OCMP will provide technical support to coastal communities in planning initiatives related to community resilience. In consultation with OCMP field staff, the conservation coordinator/climate change specialist will design and institute a series of regional networks to foster (1) improvements in multi-hazard planning; and (2) planning, coordination, and networking for climate adaptation planning and/or community resilience. Finally, OCMP staff will provide resources in the form of background material, resilience planning guidelines, and liaison with DLCDC hazards planning experts, state agencies, and other communities that are engaged in or can provide support for resilience planning.

### **Subtask B: Provide Leadership in Planning for Climate Adaptation**

The Coastal Conservation Coordinator/Climate Change Specialist will provide leadership to engage state agencies and other partners to coordinate and align the efforts of federal and state agencies and local governments at the "landscape" or watershed scale to reduce exposure to climate-related hazards in the Oregon Coastal Zone and implement other measures to address the effects of climate change in coastal communities and watersheds. The outcome of this task depends on whether agencies that need to be involved in such an effort agree that such coordination is worthwhile.

### **Subtask C: Identify Technical Assistance Needs in Planning for Climate Change and Community Resilience**

Working from the foundation laid out in recent research by Oregon Sea Grant on climate adaptation planning, the OCMP will undertake a series of interviews with local officials in coastal communities to identify the priority needs for information and technical assistance to support the adoption and implementation of local climate change adaptation measures. The summary results of these interviews will be used to inform a more robust climate and resilience strategy and work plan for the OCMP.

#### **Subtask D: National, State, Regional and Local Representation**

The OCMP Coastal Conservation Coordinator will represent the OCMP in national, state, regional and local forums related to climate change research and adaptation. This task also includes review and comment as necessary of draft legislation, reports, and plans regarding climate change. The Coastal Conservation Coordinator will provide expertise where needed to improve the ability of state agencies and local governments to effectively plan for the effect of future climate conditions.

The OCMP will participate on and contribute to the efforts of the West Coast Governor's Alliance Climate Change Action Coordination Team (WCGA CC ACT) and the Coastal States Organization (CSO) to review policy positions, respond to comments and funding opportunities and align state programs where feasible and beneficial to improve the capacity of states and local communities to adapt to the efforts of future climate conditions.

### **Task Outcomes**

#### **1. Coastal Community Resilience Networks**

Provide technical assistance to local governments in community resilience initiatives. Work with local governments and OCMP field staff to establish regional resiliency networks.

Outcome End Date: June 2016

#### **2. Climate Change Adaptation Leadership**

Provide leadership to align the climate change adaptation efforts of local, state and federal agencies at a landscape or watershed level.

Outcome End Date: June 2016

#### **3. Technical Needs Assessment**

Identify technical assistance needs in planning for climate change and community resilience information interviews with local officials to determine priority needs.

Outcome End Date: June 2016

#### **4. National and Regional Coordination Networks**

Participation in national, state, regional and local forums related to climate change research and adaptation.

Outcome End Date: June 2016

#### **5. Deliverables**

Semi-annual report on the status of climate change adaptation activities.

Outcome End Date: January 2012

### **Task Funding**

Federal:	\$140,145
Non-Federal:	\$0
Total:	\$140,145

## Task: Information and Outreach

Task ID: 306-9

Applicant ID:

Timeframe: July 2015 through June 2016

This task will provide information and outreach to local communities, planners, and decision-makers.

### **Subtask A: Information and Outreach**

The OCMP will convene three coastal network meetings with local government planners and state agencies. A two-day all-coast meeting will be held in October 2015; two regional meetings will be held in April 2016 (one on the north coast and one on the south coast). These network meetings are a principal means of promoting communication among network participants.

### **Subtask B: E-Learning for Local Officials**

OCMP will conduct outreach and education on the use of the e-Learning portal using curriculum that was prepared under previous grants. The content is targeted at local officials and planners, and covers the framework and principal requirements of the Coastal Management Program. The outreach and education on the use of both the online portal and its stand-alone equivalent will occur through 2015-16. The OCMP will provide outreach and education through use of the e-learning program to at least four cities or counties on the south and north coast.

### **Subtask C: Website Presence**

The GIS Coordinator and the Coastal Natural Resources Specialist will continue to perform maintenance of the Coastal Program segment of the Department website. In coordination with the Coastal Atlas Administrator, all program staff will develop content for a new standalone web domain to improve visibility of program products and partnerships.

### **Subtask D: Oregon Coastal Atlas**

The Coastal Atlas Administrator will continue to maintain the Coastal Atlas web server and the seven web domains that it hosts. The Oregon Coastal Atlas itself remains the primary publicly accessible archive of program GIS products, and new products will continue to be added as they become available. In addition, educational content will continue to be revised with the assistance of the NOAA Coastal Fellow. Improvements to existing web maps, including base maps integrated with OpenStreetMap, will also continue.

### **Subtask E: Leadership in Emerging Coastal and Marine Data Networks**

The Coastal Program continues to lead the effort of the Oregon Coastal and Marine Data Network (OCMDN), as a Framework Implementation Team, under the state geographic information council. The Coastal Atlas Administrator and Coastal Natural Resources Specialist plan, host and facilitate up to two annual meetings of the group, while spearheading the actions of topical working groups (Shoreline Data, Public Access).

OCMDN Shoreline working group activities will include coordination with another framework implementation team - the Pacific Northwest Hydrography group (stewards of the National Hydrography Dataset). OCMDN Public Access working group activities will include coordination of a new effort to establish a shared Shoreline Access database across multiple interested agency stewards.

The OCMP will also continue to participate in the regional collaboration work of the West Coast Governors Alliance on Ocean Health, with staff members actively managing several of the Action Coordination Teams' efforts (renewable Energy ACT, Climate Change ACT, and West Coast Ocean Data Portal ACT).

#### **Subtask F: Information Architecture Planning**

The Coastal GIS Coordinator and the Coastal Atlas Administrator will continue to work with the agency Information Management Modernization Initiative (IMMI) staff to improve agency information architecture flows as they relate to Coastal Program information assets.

### **Task Outcomes**

#### **1. Coastal Network Meetings**

Fall 2015, All-coast planners meeting; Spring 2016, North Coast/South Coast Planners meetings.

Outcome End Date: June 2016

#### **2. Website Presence**

Maintain Coastal Program information on the DLCD website with updated information.

Outcome End Date: June 2016

#### **3. OCMDN Facilitation**

The OCMDN work groups will facilitate better representation of Oregon's coastline into non-coastal/marine GIS framework elements, and will contribute to an improved multi-agency environment for Public Access data collection.

Outcome End Date: June 2016

#### **4. OCMDN meetings**

At least two Oregon Coastal and Marine Data Network meetings will be held, usually one in the fall and one in the spring.

Outcome End Date: June 2016

#### **5. Deliverables**

Semi-annual report of Information and Outreach activities during the reporting periods.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$84,038
Non-Federal:	\$0
Total:	\$84,038

## Task: Geo-Spatial Information Services

Task ID: 306-10

Applicant ID:

Timeframe: July 2015 through June 2016

### **Subtask A: Geo-Spatial Program Integration and Development**

The Coastal GIS Coordinator will provide support services and GIS products for the Coastal Division, the department, partner state agencies, and local governments related to geological hazards, estuary and shoreline assessments and other coastal planning. The GIS Coordinator will assist local governments in meeting grant requirements for GIS products and will incorporate these products into a library of local data. GIS products will be coordinated, as appropriate, with staff at NOAA OCM and other offices. The Coastal GIS Coordinator will ensure that any geo-spatial data that is acquired meets the department's sharing plan and NOAA requirements.

### **Subtask B: Lidar Processing**

New lidar data sets will become available during this period, from flights by the US Army Corps of Engineers (USACE) and the Oregon Lidar Consortium (OLC). As well, USACE data from 2010 has been reprocessed to register with existing OLC data, facilitating integrated analysis. These data will be analyzed to improve or update shoreline information and risk assessment.

### **Subtask C: Assist NOAA Coastal Fellow**

The department's Coastal GIS Coordinator will provide technical assistance to the NOAA Coastal Fellow as necessary in the completion of the Beachfront Protective Structure Eligibility Inventory.

### **Subtask D: Assist with Estuary PSM Implementation**

The Coastal GIS Coordinator will provide mapping and technical assistance, as needed for the second phase of work on estuary CMECS products.

### **Subtask E: Enterprise GIS Development**

The department's Coastal GIS Coordinator will continue to assist in the agency-wide effort that will deploy enterprise-wide GIS across agency programs. Tasks include training users in use of Citrix-based GIS implementation shared with Oregon Department of Agriculture, guiding shared and agency-specific data and project library development and maintenance, expanding the agency ArcGIS Online portal.

## Task Outcomes

### **1. Support Services**

Provide support services and GIS products to the Coastal Program and its partners.

Outcome End Date: June 2016

**2. New Lidar data set analysis**

Analyze new Lidar data sets to improve or update Shoreline information and risk assessment.

Outcome End Date: June 2016

**3. Technical Assistance**

Mapping and technical support will be provided as needed to support phase II of the Estuary PSM Project work of the NOAA Coastal Fellow.

Outcome End Date: June 2016

**4. Enterprise GIS Development**

Assist in enterprise GIS development.

Outcome End Date: June 2016

**5. Deliverables**

Semi-annual report on all GIS related activities for the period.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$195,492
Non-Federal:	\$0
Total:	\$195,492

## Task: Coastal Program Assessments

Task ID: 306-11

Applicant ID:

Timeframe: July 2015 through June 2016

### **Subtask A: National Coastal Management Performance Measures**

The department will work with networked partners to collect data and report on performance indicators for the National Coastal Management Performance Measurements System as required and scheduled by OCM.

### **Subtask B: 312 Performance Measures**

The department will collect and report data on the OCM-approved goals and objectives for the Section 312 performance measures and numerical targets developed and approved previously. The department will report on the performance measures, each with an associated numerical target that relates to identified goals and objectives.

### **Subtask C: Preparation for 312 Evaluation**

OCMP 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."

## **Task Outcomes**

### **1. National Coastal Management Performance Measures**

Data reported using the OCM CZMA Performance Measurement System Database.

Outcome End Date: June 2016

### **2. 312 Performance Measures**

Results reported on the approved performance measures and numerical targets for 312 evaluations.

Outcome End Date: June 2016

### **3. 312 Evaluation Preparation**

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

Outcome End Date: June 2016

**4. Deliverables**

Performance data reported to OCM;  
By November 16, 2015 submit to the Office for Coastal Management  
the standard 312 information request;

Outcome End Date: June 2016

**Task Funding**

Federal:	\$48,972
Non-Federal:	\$0
Total:	\$48,972

## **Task: State, Regional & National Policy Advice & Information**

Task ID: 306-12

Applicant ID:

Timeframe: July 2015 through June 2016

### **Subtask A: State Legislative Activities**

The department's coastal staff, as assigned, and the Coastal Program Manager, will assist the Director, the Governor's Office, and other agencies to prepare policy, program and fiscal assessments of legislation proposed during the 2016 session of the Oregon Legislature. Staff will prepare and present information on policy and program activities as requested by the Legislative Coastal Caucus and any interim committees that may be established. Coastal staff will coordinate with other state agencies, and the Governor's Office on legislative needs for the 2016 short session of the Legislature, possibly related to ocean planning, ocean energy conversion, marine reserves, climate change, sea level rise, and coastal hazards.

### **Subtask B: Regional Activities**

The Coastal Program Manager will participate in the West Coast Governors Alliance on Ocean Health (WCGA) and the West Coast Regional Planning Body on behalf of the Office of the Governor. The Coastal Program Manager will participate in Executive Committee meetings and regional planning activities supported by the National Ocean Council. The Coastal Program Manager will assist the Governor's Office to keep the state legislature informed of WCGA and other ocean-related activities. Other staff will participate in WCGA ACT's as appropriate.

### **Subtask C: Regional Sediment Management**

The Coastal Natural Resources Specialist will participate on the technical team and the Senior Coastal Policy Analyst will participate on the management implementation team for Lower Columbia River sediment management. The 2015 disposal season (August and September) will be the fourth year of beneficial use disposal at the new south jetty nearshore site.

The OCMP Manager and the Washington CMP Manager will continue to co-facilitate the Lower Columbia River Sediment Management group. The group will review current monitoring data and look to add disposal at a Washington site.

### **Subtask D: National Policy Activities**

The department's Coastal Program Manager will serve as the Governor's delegate to the Coastal States Organization and will attend the annual membership meeting and the spring membership meeting. The Coastal Program Manager and other coastal staff, as assigned, will participate on working groups of the Coastal States Organization to track, prepare for, and participate in Congressional action with regard to reauthorization of the Coastal Zone Management Act, implementation with the National Ocean Policy, and other topics. The Coastal Program Manager will represent the state, as requested, in

meetings, workshops, or conferences hosted by federal agencies related to national coastal or ocean policy and program issues of importance to Oregon. The Coastal Program Manager will provide information to staff of Oregon's Congressional delegates, as needed, on coastal issues and activities, such as ocean alternative energy planning and marine reserves.

## **Task Outcomes**

### **1. State Legislative Initiatives**

- Engagement, as needed on coastal related issues;
- Draft legislation as appropriate;
- Budget and program documents from the department.

Outcome End Date: June 2016

### **2. Regional Policy and Planning Activities**

Representation by the state in regional ocean governance and planning activities.

Outcome End Date: June 2016

### **3. National Policy Activities**

- Representation on and participation in the Coastal States Organization;
- Information to congressional members on coastal related issues, policy advice and assistance to the Coastal States Organization.

Outcome End Date: June 2016

### **4. Deliverables**

Semi-annual report on status of state, regional and national legislative issues and activities.

Outcome End Date: June 2016

## **Task Funding**

Federal:	\$83,967
Non-Federal:	\$0
Total:	\$83,967

## Task: Program Management & Administration

Task ID: 306-13

Applicant ID:

Timeframe: July 2015 through June 2016

### Subtask A: Grant and Contract Administration

The OCMP Federal and Local Grant Coordinator will carry out a variety of tasks to administer the CZM grant and subsequent grants and contracts with local governments, other state agencies, and private entities. This work include:

- Administration of grants from NOAA to the OCMP, which includes consulting with the Program Manager to prepare and submit grant applications and requests for amendments or extensions to NOAA OCM; completion and submission of semi-annual performance reports to NOAA as required; ensure timely payments of federal funds into state accounts;
- Administration of sub-grants from OCMP to local governments which includes preparation and submission of payment requests; tracking and filing all documents pertaining to local government grants and grant products;
- Provide grant budget information to the Coastal Program Manager, including a reconciliation of all open grants as needed;
- Work with the department Fiscal Officer in preparation of new grant budgets each year and to update and inform on limitation needs;
- Study of new OMB Supercircular;

### Subtask B: Fiscal, Operations, Human Resources and Support Services

The Administrative Services Division and Director's Office staff will:

- Provide administrative services including fiscal, operations, human resources, payroll, contracting and other support services;
- Provide accounting and budgeting services within the department's accounting system;
- Approve expenditures in compliance with NOAA-OCM authorizations pursuant to the OMB Supercircular and other terms or conditions that may be imposed by the NOAA-OCM.

### Subtask C: Division Management and Budgeting

The Coastal Program Manager will provide overall leadership and direction to coastal program staff and will:

- Participate on the department's executive team and oversee budget preparation and execution, personnel management and program management on a department-wide basis;
- Represent the Coastal Program and the department at the executive level with other state agencies and the Office of the Governor;
- Represent the Governor's Office as a delegate to the Coastal States Organization to ensure that the Coastal Program is

integrated into broader statewide and national programs and strategies;

- Supervise coastal program staff and activities;
- Confer with responsible program staff as needed to adjust or amend grant tasks, and;
- Carry out timely staff performance evaluations; maintain job descriptions, and other personnel management activities as required by the State Department of Administrative Services.

## **Task Outcomes**

### **1. Grant and Contract Administration**

- Semi-annual Section A, B, and C reports;
- 2015-16 CZM 306/309 grant application;
- Grant amendments or special information requests;
- No cost extensions as needed;
- Semi-annual financial reporting.

Outcome End Date: June 2016

### **2. Support Services**

Perform functions of personnel management, financial management, accounting, and support services as needed to maintain the department in accordance with state and federal rules and requirements.

Outcome End Date: June 2016

### **3. Program Management**

- Appropriate allocation of staff time and resources to carry out grant work programs;
- Integration of Coastal Program into department programs and activities;
- Cost allocation for in-state travel, supplies, services, etc., needed to maintain program functions;
- Participation in state and national organizations to promote improved coastal management.

Outcome End Date: June 2016

### **4. Deliverables**

- Semi-annual report on status of grant administration activities;
- Semi-annual report on administrative and supervisory activities of the Coastal Program Manager.

Outcome End Date: June 2016

## **Task Funding**

Federal:	\$392,856
Non-Federal:	\$272,675
Total:	\$665,531

## Task: Department of State Lands

Task ID: 306-14

Applicant ID:

Timeframe: July 2015 through June 2016

The Oregon Department of State Lands (DSL) has authority over the state's submerged and submersible lands, including the state territorial sea and tidal freshwater wetlands. During the period, the DSL will carry out regulatory and planning activities for these lands as a component of the Oregon Coastal Management Program. State support for these activities will constitute part of the state's required non-federal match for this grant.

During the period, the DSL will:

- Assist local jurisdictions to develop and implement wetland conservation plans;
- Issue permits and enforce regulations for removal or fill in wetlands and submerged or submersible lands;
- Coordinate the establishment and use of wetland mitigation banks in coastal areas;
- Coordinate review of activities affecting the Territorial Sea's submerged lands.

### Task Outcomes

#### **1. Territorial Sea Planning**

Participation in Ocean Policy Advisory Council and other territorial sea planning activities.

Outcome End Date: June 2016

#### **2. Section B Reports**

Semi-annual Section B reports summarizing DSL permit actions in the coastal zone for the period.

Outcome End Date: June 2016

#### **3. Wetland Regulatory Actions**

Summary of wetland planning and enforcement actions, including wetlands conservation plans, delineations and mitigation banks in the coastal zone.

Outcome End Date: June 2016

#### **4. Wetland Mitigation Banks**

Review of current and proposed coastal wetland mitigation banks in the coastal zone.

Outcome End Date: June 2016

**5. Deliverables**

Semi-annual status report on coastal zone wetland program activities including delineations, conservation planning, mitigation banks, and enforcement actions.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$0
Non-Federal:	\$200,000
Total:	\$200,000

## **Task: Oregon Parks & Recreation Department**

Task ID: 306-15

Applicant ID:

Timeframe: July 2015 through June 2016

The Oregon Parks and Recreation Department (OPRD) will apply its regulatory authority over uses and activities in the Ocean Shore and will assist the department's Coastal Program and other agencies in developing and implementing coastal hazard policies. State support for these activities will constitute part of the state's required non-federal match for this grant. This year, OPRD will continue to coordinate planning with ODFW and other partners to compliment the newly established marine reserves. OPRD will continue to co-mentor the NOAA Coastal Fellow which will include working with the fellow in making final edits to the shoreline protective structure inventory database, finalizing the plan and workflow for maintenance of that database, ensuring the SPS data layer is functional on the online viewer, and reviewing potential OPRD Division 20 revisions.

The OPRD Coastal Land Use Coordinator will review permit applications for shorefront protective structures, enforce beach use regulations, and assist local jurisdictions in reviewing beach-front development proposals that could affect the Ocean Shore; OPRD Ocean Shore Natural Resource Specialists will participate in ocean planning activities through the Ocean Policy Advisory Council and the Governor's Marine Cabinet; OPRD Coastal State Park Regional Supervisor will administer a variety of coastal parks and recreation sites; OPRD's Ocean Shore Natural Resource Specialist will co-mentor the NOAA Coastal Fellow and provide for travel expenses.

### **Task Outcomes**

#### **1. Ocean Shore Conservation**

Technical assistance to property owners and local jurisdictions in review of development proposals along the shorefront; enforcement of regulations on beachfront protective structures.

Outcome End Date: June 2016

#### **2. Ocean Planning**

Recreational uses of the coast and nearshore ocean will be factored into ocean planning decisions. OPRD will continue working with ODFW and partners on planning efforts to compliment the newly established marine reserves.

Outcome End Date: June 2016

**3. State Park Management**

Coastal state parks will be managed to conserve and protect ecological values and habitats along with promoting recreational opportunities.

Outcome End Date: June 2016

**4. Deliverables**

Semi-annual report of status of Ocean Shore permits activity and other Ocean Shore management activity.

Outcome End Date: June 2016

**Task Funding**

Federal:	\$0
Non-Federal:	\$189,000
Total:	\$189,000

## Task: Oregon Watershed Enhancement Board

Task ID: 306-16

Applicant ID:

Timeframe: July 2015 through June 2016

The Oregon Watershed Enhancement Board (OWEB) provides state funds for voluntary projects to enhance Oregon's watersheds, with emphasis on collaboration of citizens and agencies, and local interests. Many OWEB-funded projects complement and support the objectives of the OCMP to protect and restore estuarine and wetland habitats and maintain public access to coastal waterways. OWEB derives funds from the Oregon Lottery enacted by a citizen initiative in 1997 and 2010.

The OWEB awards grant funds to local projects that:

- Restore, maintain and enhance the state's watersheds;
- Support the organizational capacity of local watershed groups to carry out restoration projects;
- Provide technical skills to citizens working to restore urban and rural watersheds;
- Monitor the effectiveness of investments in watershed restoration.

The department will report on project funds awarded during the period and on projects completed during the period, which may include projects awarded in prior grant years. Only the costs of projects completed during the grant period will be counted toward state non-federal match requirements. OWEB programs and watershed enhancement grants are important contributors to the Oregon Coastal Management Program and are used as state match for this federal Coastal Zone Management grant.

### Task Outcomes

#### 1. OWEB Grants

Improvements in coastal watershed conditions, including enhanced riparian habitat, better water quality and more stable salmon populations.

Outcome End Date: June 2016

#### 2. Deliverables

Semi-annual status report of watershed grants made in the coastal zone by the OWEB during the grant period;

A summary of all watershed projects completed during the grant period will be filed with the closeout performance report.

Outcome End Date: June 2016

### **Task Funding**

Federal:	\$0
Non-Federal:	\$800,000
Total:	\$800,000

## Task: Ocean Resources Regional Planning

Task ID: 309-1

Applicant ID:

Timeframe: July 2015 through June 2016

This task will implement year five of the program's approved §309 Strategy for 2011-2015. OCMP will work with the other state and federal marine resource agencies to apply the Territorial Sea Plan (TSP) Part Five as needed for siting and developing marine renewable energy (MRE) projects.

There are several marine renewable energy developers in the initial stages of assembling permit applications for projects within the Camp Rilea Renewable Energy Facility Suitability Study Area in Clatsop County. Should these projects move forward they would be deploying devices in late summer of 2015. It is assumed that each of them would require Department of State Lands (DSL) to initiate a Joint Agency Review Team (JART) review process.

The OCMP will implement the recently approved Geographic Location Description (GLD) to apply federal consistency reviews for projects within the prescribed boundaries. The OCMP will conduct an outreach effort to coordinate with the other state marine cabinet agencies to inform them of the GLD and its purpose and will coordinate with federal agencies to inform them of how it triggers the federal consistency review process.

OCMP will assist BOEM and its contractors on the development and use of various tools and applications for marine spatial planning, site evaluation, and resource assessment, that are to be used for making decisions related to proposed MRE projects by state and federal agencies, project developers and other stakeholders.

The state will continue habitat and ecosystem monitoring in Otter Rock, Cape Perpetua, Cascade Head, and Red Fish Rocks marine reserves. The site management plan for Cape Falcon Researchers will conduct data analysis and publish research findings. This information is needed to inform decision makers before any refinement or changes to designated marine reserves can be considered. Data gaps and further research needs will be identified as part of this work task. The site management plan for Cape Falcon will be completed in the Spring 2016, while the analyses and monitoring plan will be completed in 2017. The reserve will be closed to fishing beginning in January 2016.

Researchers will conduct data analysis and publish research findings. This information is needed to inform decision makers before any refinement or changes to designated marine reserves can be considered. Data gaps and further research needs will be identified as part of this work task. The site management plans for Cape Falcon will be completed. Biennial monitoring reports will be completed by the end of 2015.

## **Task Outcomes**

### **1. Marine Spatial Planning**

OCMP will conduct an outreach effort to inform federal agencies, state agencies and other stakeholders on the GLD implementation

Outcome End Date: June 2016

### **2. Evaluate Baseline Monitoring**

The state will evaluate baseline monitoring and research and scientific findings on the state's designated marine reserves and identify data gaps and needs.

Outcome End Date: June 2016

### **3. Deliverables**

Identification of data gaps and research needs for the state's designated marine reserves; Baseline monitoring for all of the state's designated marine reserves.

Outcome End Date: June 2016

## **Task Funding**

Federal:	\$60,233
Non-Federal:	\$0
Total:	\$60,233

## Task: Coastal Hazard Resiliency Integration

Task ID: 309-2

Applicant ID:

Timeframe: July 2015 through June 2016

This task provides for work in developing NEW information and tools related to coastal hazards and in assisting local governments in using and integrating this new information and tools into their local coastal hazard land use programs, plans, codes and/or regulations as appropriate and possible.

### **Subtask A: Hazard Integration Work with Local Governments**

This task primarily involves assisting local governments in using and/or integrating new hazard information and/or tools into their local land use hazard programs which includes:

- Coordination with local governments to encourage and assist them to integrate GIS maps of areas eligible for beachfront protective structures into local plan inventories. OCMP staff will further work with Lincoln County, and begin working with Lincoln City, Clatsop County, and Rockaway Beach;
- Coordination with local governments on refinements to local hazard review requirements and regulations contained in local comprehensive plans and land use regulations. OCMP staff will work further with Neskowin and Rockaway Beach;
- Coordinate and provide any needed technical assistance to local governments to integrate updated local tsunami hazard inventories into the comprehensive plan/land use regulation framework. OCMP staff will work further with Cannon Beach, Gearhart, and Clatsop County;
- Coordinate and provide any needed technical assistance to local governments to integrate updated local hazard codes that incorporate land use strategies to reduce risk from a Cascadian subduction zone earthquake and tsunami. OCMP staff will work further with Cannon Beach, Gearhart, and Clatsop County.

OCMP staff will also be working with a variety of other coastal counties and cities to provide assistance where possible on utilizing and integrating new hazard information and tools on coastal hazards into their land use hazard programs to increase readiness.

### **Subtask B: Tsunami Resilience Planning**

OCMP will work with local government and agency partners to develop and integrate specific and appropriate adaptation planning responses and implementation strategies to a major tsunami event. Staff will utilize the tsunami land use guidance and DOGAMI mapping products to assist local governments in integrating tsunami hazard adaptation measures into local comprehensive plans and land use regulations. Staff will also utilize the newly developed model tsunami evacuation facilities improvement plan. As part of this tsunami resilience effort, staff will begin to work with DOGAMI and local governments to incorporate updated tsunami inundation zone mapping into

comprehensive plans and land use regulations. OCMP staff will work with Clatsop County in this effort. In addition, OCMP will provide a grant to a selected community to assist in the development of comprehensive plan and development code updates utilizing the DLCDC Tsunami Land Use Guide.

### **Subtask C: Tsunami Time/Distance Modeling**

DOGAMI has recently developed methodology for tsunami time and distance modeling. The DOGAMI work provides core information which will provide a community with accurate and compelling information to increase resilience. The tool can provide such things as evacuation route information and potential failures for any point on a GIS based community map, identification of "evacuation shed" subareas, and identification of prioritized improvements to route facilities to decrease evacuation times. DOGAMI will complete modeling for one community under a contract.

## **Task Outcomes**

### **1. Hazard Integration Work with Local Government**

Assisting local governments regarding integration of GIS maps and areas eligible for beachfront protective structures into local comprehensive plans, integration of hazard review requirements within local government implementing codes, integration of updated local hazard codes that incorporate land use strategies to reduce risk from a Cascadia subduction zone earthquake and tsunami.

Outcome End Date: December 2016

### **2. Tsunami Resilience Planning**

Technical assistance to local jurisdictions in adopting updated local tsunami hazard inventories and local hazard codes that incorporate land use strategies to reduce risk from a Cascadia subduction zone earthquake and tsunami. The department will provide a grant to a selected community, if resources are available; to assist in the development of comprehensive plan and development code updates utilizing the DLCDC Tsunami Land Use Guide.

Outcome End Date: June 2016

### **3. Tsunami Time/Distance Modeling**

DOGAMI will provide tsunami time/distance modeling in a selected community to not only assist in the development of a tsunami evacuation facilities improvement plan (TEFIP) if applicable, but otherwise improve community resilience. This work is important for all communities along the Oregon coast that have the potential for tsunami inundation.

Outcomes will include semi-annual reporting of work done related to this task. The department will contract with DOGAMI to select and complete this modeling for one community during this budget year.

Outcome End Date: December 2016

**4. Deliverables**

Semi-annual reporting and potential draft materials to each of the four subtasks above..

Outcome End Date: June 2016

**Task Funding**

Federal:	\$117,058
Non-Federal:	\$0
Total:	\$117,058

## Task: Estuary/Ocean Planning

Task ID: 309-3

Applicant ID:

Timeframe: July 2015 through June 2016

This task will implement year 5 of the approved §309 Strategy for 2011-2015.

Draft estuary plan information update based on recommendations identified in the prior grant period. OCMP staff has been assisting Coos County in its work to identify and prioritize updates to the Coquille River Estuary Management Plan. As of Spring of 2015, the county staff is working with the county's citizen advisory committee to identify the scope of the plan update. It is anticipated that a proposed work plan for the identified updates will be presented to the Coos County Planning Commission for their approval by June 30. During 2015-16, the department will assist the county in the drafting of the identified plan and land use regulation amendments, including a revised inventory.

### Task Outcomes

#### 1. Draft Estuary Plan update

Draft estuary plan update for one development estuary, based on an up-to-date resource/environmental inventory and an up-to-date economic opportunity analysis.

Outcome End Date: June 2016

#### 2. Deliverables

Hearing ready draft estuary plan amendments for one development estuary.

Outcome End Date: June 2016

### Task Funding

Federal: \$41,709

Non-Federal: \$0

Total: \$41,709

## Budget by Section and Task

Section ID	Item	Task	Federal	Non-Federal	Total
306	306-1	1 Local Government Planning Assistance	\$207,536	\$35,756	\$243,292
	306-2	2 Grant Assistance to Coastal Local Governments	\$422,697	\$332,662	\$755,359
	306-3	3 Federal Consistency and Coordination	\$75,751	\$0	\$75,751
	306-4	4 Program Change Submissions	\$47,809	\$0	\$47,809
	306-5	5 Ocean Resources and Planning Management	\$132,495	\$0	\$132,495
	306-6	6 Coastal Resource Conservation	\$93,635	\$0	\$93,635
	306-7	7 Coastal Hazard Planning	\$70,607	\$24,199	\$94,806
	306-8	8 Planning for Coastal Resilience	\$140,145	\$0	\$140,145
	306-9	9 Information and Outreach	\$84,038	\$0	\$84,038
	306-10	10 Geo-Spatial Information Services	\$195,492	\$0	\$195,492
	306-11	11 Coastal Program Assessments	\$48,972	\$0	\$48,972
	306-12	12 State, Regional & National Policy Advice & Information	\$83,967	\$0	\$83,967
	306-13	13 Program Management & Administration	\$392,856	\$272,675	\$665,531
	306-14	14 Department of State Lands	\$0	\$200,000	\$200,000
	306-15	15 Oregon Parks & Recreation Department	\$0	\$189,000	\$189,000
	306-16	16 Oregon Watershed Enhancement Board	\$0	\$800,000	\$800,000
	306-17	17 Oregon Department of Fish & Wildlife	\$0	\$141,708	\$141,708
	<b>Total Section: 306</b>		<b>\$1,996,000</b>	<b>\$1,996,000</b>	<b>\$3,992,000</b>
309	309-1	1 Ocean Resources Regional Planning	\$60,233	\$0	\$60,233
	309-2	2 Coastal Hazard Resiliency Integration	\$117,058	\$0	\$117,058

309-3 3	Estuary/Ocean Planning	\$41,709	\$0	\$41,709
<b>Total Section: 309</b>		<b>\$219,000</b>	<b>\$0</b>	<b>\$219,000</b>
<b>Total All Sections:</b>		<b>\$2,215,000</b>	<b>\$1,996,000</b>	<b>\$4,211,000</b>

## Budget by Section and Category

Section	Category	Federal	Non Federal	Total
306	Personnel	\$864,730	\$47,011	\$911,741
	Indirect	\$161,557	\$272,675	\$434,232
	Travel	\$45,003	\$0	\$45,003
	Supplies	\$27,000	\$0	\$27,000
	Other	\$150,000	\$0	\$150,000
	Contractual	\$320,752	\$1,651,460	\$1,972,212
	Fringe	\$426,958	\$24,854	\$451,812
	<b>Total Section: 306</b>	<b>\$1,996,000</b>	<b>\$1,996,000</b>	<b>\$3,992,000</b>
309	Personnel	\$108,229	\$0	\$108,229
	Travel	\$700	\$0	\$700
	Supplies	\$901	\$0	\$901
	Other	\$9,996	\$0	\$9,996
	Contractual	\$43,985	\$0	\$43,985
	Fringe	\$55,189	\$0	\$55,189
	<b>Total Section: 309</b>	<b>\$219,000</b>	<b>\$0</b>	<b>\$219,000</b>
	<b>Total All Sections:</b>	<b>\$2,215,000</b>	<b>\$1,996,000</b>	<b>\$4,211,000</b>