

CALIFORNIA COASTAL COMMISSION

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September 2, 2016

TO: California Coastal Commission and Interested Parties

FROM: John Ainsworth, Acting Executive Director

SUBJECT: Executive Director's Report, September 2016

Significant reporting items for the month. [Strategic Plan](#) (SP) reference provided where applicable:

LCP Program Status – Orange County

The Orange County shoreline is about 43 miles long. The coastal zone area totals approximately 59 square miles of the County's 948 square miles of total land area and includes portions of the County of Orange and 10 incorporated cities.

Figure 1. Orange County Coastal Zone LCP Jurisdictions



When LCP planning first began in the early 1980s, substantial areas of the county coastal zone were unincorporated. The large southern portion of the County included several large undeveloped landholdings, such as those of the Irvine Company and the Aliso Viejo Company. The County divided their LCP into several segments for LCP planning and during the years from 1983-1989, the County certified LCPs for many of these segments (the Sunset Beach segment, the Newport Coast segment (formally known as the Irvine Coast), the South/Emerald Bay segment, the South/Aliso Viejo segment, the South/Aliso Creek Remainder segment, the South/South Laguna segment, South/Laguna Niguel segment, South/Dana Point segment, and the South/Capistrano Beach segment. LCP planning in Orange County in the 1980s included addressing major statewide issues related to public access and protection of resources, including in areas such as the Bolsa Chica wetlands, the Newport (Irvine) Coast/Crystal Cove State Park areas, and the Aliso Greenbelt lands.

Since those original certifications, numerous cities annexed county lands or areas incorporated as new cities and thus new LCPs were required to be certified for these previously unincorporated areas. Currently, there are LCPs certified for the Newport Coast, Emerald Bay and Aliso Viejo segments of the County, and for the cities of Huntington Beach, Irvine, Laguna Beach, Laguna Niguel, and Dana Point. The LCPs for the cities of Seal Beach, Costa Mesa, Newport Beach, Aliso Viejo and San Clemente are not yet certified.

The County of Orange has not updated any of its LCP segments (some of which may no longer exist or are now reduced in size as a result of incorporations.) None of the full LCPs for the cities have been comprehensively updated, although the cities of Huntington Beach and Newport Beach have comprehensively updated their LUPs and partial updates of the LCPs for Laguna Beach and Dana Point have been completed. The Commission awarded a \$90,000 FY 13-14 LCP planning grant to the City of San Clemente to support their LCP Certification. Under this grant, the City completed technical reports to inform the LCP amendment and undertook extensive work updating the LUP and preparing the IP. The LUP Amendment was submitted to the Long Beach office on March 17, 2016, and Commission staff continues to work closely with the City on the draft IP. To support this continued work, the City was recently awarded a Round 3 (FY 16-17) LCP Grant to perform additional technical studies and continue development of the IP, which will lead to certification of the full LCP. Additionally, the Coastal Commission awarded an FY 14-15 \$67,000 planning grant to the City of Newport Beach to complete their Implementation Plan (IP), which was submitted to the Coastal Commission for review and certification on November 17, 2015. The Newport Beach IP is on this month's Coastal Commission hearing agenda. Finally, Round 3 (FY 16-17) grants were recently awarded to the Cities of Seal Beach and Dana Point to support sea level rise vulnerability assessments and adaptation planning as well as LCP development and these projects will commence in fall 2016.

Progress Report on Sonoma Coast Parks Program/(SP-7.8.3)

I am pleased to report that the discussions between Sonoma County, California State Parks and Commission staff on the Sonoma Coast Parking Program have been fruitful. We have all worked hard to develop a framework for a true working partnership between Sonoma County and State Parks on a Public Access and Parking Program for the Sonoma Coast. Although there are still issues that need further discussion and work, the following summary provides an outline for moving forward on this partnership.

Agency Coordination

Staff from California State Parks, the County of Sonoma, and the California Coastal Commission met on August 4th to discuss issues related to California State Parks' appealed Coastal Development Permit application to implement day use fees at California state park units along the Sonoma County Coast. This is a follow up to the April 2016 Coastal Commission meeting where it was decided that Commission staff, Sonoma County staff and State Parks staff would work together to develop a plan for access and operations along the Sonoma County Coast.

General Agreements

- The parties agreed that the project boundary is limited to Sonoma Coast State Park and does not include any components of Salt Point State Park.
- The parties agree that Bodega Head will be managed by the County.
- The parties agree that Willow Creek should be opened up and made part of Sonoma Coast State Park/County Park joint management.
- State Parks and County representatives are willing to submit a new combined County Parks/State Parks Coastal Development Permit to go back through the County. The pending CDP application at the Commission awaiting a *de novo* hearing will remain pending with the Commission until the joint County/State permit is approved.

Fees

- The parties agreed that fees between State Parks and Sonoma County Parks should be consistent and visitor's experience should be the same along the Sonoma Coast.
- The parties agreed to use \$7 as the "baseline" for all daily State and County park fees charged in the area. The County's current day use fee is \$7.
- Hourly rates are still being discussed among all three parties.

Passes

- State Parks and the County agree to work together to potentially honor each other's passes within the boundaries of Sonoma Coast State Park.
- Tribal passes were discussed and the parties agreed that additional work is needed. State Parks will conduct additional consultations with the Native American community.
- The parties agreed to accept each other's low income pass. This issue and coordination among County and State on pass application and distribution needs further discussion.

Free Day

- All Parties are supportive of a plan to offer free days as a way to increase opportunities for low income and traditionally underserved families to enjoy parks.
- State Parks and the County agreed to consider offering a coupon for free entrance, which could be included in low income residence utility bills.

Demand-Based Fees

- All Parties agreed that we need more data to know if this idea makes sense.

General Agreement Items

- At Goat Rock, State Parks would ensure continued access for the climbing community.
- All parties desire to open Willow Creek, and resolution of this permit action will ensure that Willow Creek will be a true and open sub-unit of Sonoma Coast State Park.
- State Parks still proposes to create a revenue retention program for support of local youth programs. Sonoma County offered the Sonoma County Youth Ecology Corps as a possible venue. State Parks agrees and this would be in line with SB204.

Upcoming Milestones:

- Form working groups to start developing the details.
- Create timeline, task charts and budgets.
- Need to take proposal back to the Native American Tribes and control agencies, such as CHP, Caltrans, and County Sheriff's Dept.
- Develop process incorporating public input opportunities.
- State Parks/County Parks develop necessary applications and submit to the County for a joint parks project. If necessary, discuss the need for an LCP amendment.

More details on the Sonoma Coast Parks Project will be reported to the Commission in December.

Status Report on the Second Round of LCP Grants (SP 4.1 & 4.2)

The Commission LCP Grants awarded for FY 2014-2015 (Round 2) are well underway and work programs are currently being developed for the Round 3 grant awards. The attached report shows the progress made to date on the 13 Round 2 grants, which includes a significant amount of sea level rise technical work, as well as LCP policy development and public outreach (Attachment A).

Sea Level Guidance Implementation Outreach (SP 3.1)

Commission staff have been providing regular outreach and training sessions to support implementation of the Commission's Sea Level Rise (SLR) Guidance and in support of LCP Grant work. In August staff participated in one event:

On August 8th, Coastal Commission staff from the Statewide Planning unit and Sea Level Rise Team gave a presentation to a graduate student class from the Scripps Institution of Oceanography that was visiting the Long Beach district office. The purpose of the presentation was to review the Commission's Sea Level Rise Policy Guidance as well as examples of projects and Local Coastal Programs that address sea level rise. At the same meeting enforcement staff gave a presentation on the Coastal Commission's enforcement program and planning staff gave an overview presentation of the Coastal Commission including history, permitting, and LCP program.

Meetings and Events

California Conservation Corps Job Fair and Networking Event (SP 7.6)

On July 22nd, South Coast District Commission staff participated in the California Conservation Corps' 2016 Corpsmember Networking Fair held in Norwalk on July 22nd. The California Conservation Corps is a state agency that hires young men and women, 18 to 25, for a year of natural resource work and emergency response. Corpsmembers are hired from all over the state and reflect the diversity of California.

At the event, Commission staff conducted practice interviews to assist corpsmembers in their career development; discussed with individual corpsmembers the mission and goals of the Coastal Commission, as well as job and internship opportunities; and delivered a presentation to the assembled corpsmembers regarding the Commission's role in protecting the rights of all Californians to access the coast and protecting the unique habitats of the coast.

Staff hopes to make our attendance at the fair a yearly occurrence and to, moreover, foster our relationship with the corps, as well as corpsmembers interested in pursuing employment or internship opportunities with the Coastal Commission.

Interagency Workshop on Protection of Western Snowy Plovers (SP 7.8)

On August 30th, at an interagency workshop hosted by the U.S. Fish and Wildlife Service on the Protection of Snowy Plovers, South Coast District staff provided an overview of the Coastal Act policies that help ensure the protection of the federally threatened Western Snowy Plover on LA County beaches.

The workshop was attended by staff from LA County Department of Beaches and Harbors, California Department of Fish and Wildlife, California Department of Parks and Recreation, Army Corps of Engineers, City of Santa Monica, and LA County Lifeguards. Additionally, in attendance were volunteer members of avian conservation groups including the Los Angeles Audubon Society. The purpose of the workshop was to educate beach managers in LA County about the federal and state regulations that apply when conducting development activities on beaches, such as grooming and building sand berms. These regulations are in place to avoid adversely impacting the snowy plover, which use the beaches for roosting and foraging activities.

Staff gave a detailed presentation outlining the Coastal Act policies to be considered when drafting plans to protect plovers, and described how through the coastal development permit process for development activities such as beach grooming, the Commission works to ensure protection of coastal resources, including public access, recreation, and environmentally sensitive habitat.

Tunitas Creek Beach Meeting (SP 7.8)

On August 16th, the Commission's Central Coast District staff and Commissioner Groom joined San Mateo County staff, elected officials and representatives from the Conservancy, Caltrans, and the CHP, to meet with private landowners and tour Tunitas Creek Beach in southern San Mateo. The County and State are joining together with the landowner to assess an unpermitted trail to the beach, to discuss appropriate restoration and habitat needs, private property rights and the need to provide safe public access to the Beach. It is hoped that public access can be provided in this area with assurances for protection of the environment and the residents as well.

Dedication of the Coastal Prairie Trail and Liz Burko Bridge in Sonoma County

On August 19th, Sonoma County Regional Parks Department held a public dedication of the Coastal Prairie Trail and Elizabeth “Liz” Burko Bridge in southern Sonoma County, dedicating a County trail to the ocean as well as a bridge in memory of Liz Burko, former State Parks superintendent, who died last year in a traffic accident. Attendees at the event included U.S. Congressman Jared Huffman from the 2nd District; U.S. Congressman Mike Thompson from the 5th District; Efren Carrillo 5th District County Supervisor; Lisa Mangat, Director of State Parks and Recreation; and Commission staff. Liz’s family was also there for the ceremony. The dedication symbolized the close working relationship between State Parks and County Parks and opens up a new segment of the Coastal Trail to the Sonoma Coast State Park.



Coastal Trail Video for Little Corona Del Mar Orange - Newport Beach (SP 1.4)

The Coastal Commission and Coastal Conservancy recently funded a series of short videos about segments of the California Coastal Trail along the Central Coast. The new videos are on the website of public television station [KCET](http://www.kcet.org), and will also be shared through the Commission’s Public Education YouTube channel, and on social media.

This month we are highlighting the video featuring the Little Corona Del Mar segment of the Coastal Trail in Newport Beach: <https://www.kcet.org/shows/california-coastal-trail/little-corona-del-mar-beach-tide-pools-and-great-walks>

Coastal Cleanup Day – September 17, 2016

Reminder that on Saturday, September 17th, the Commission will be celebrating the 32nd Annual California Coastal Cleanup Day. 2016 is also the 40th anniversary of the passage of the California Coastal Act. Coastal Cleanup Day will be an opportunity to reach out to the public to acknowledge the 40 year Coastal Act anniversary. This is the Commission’s largest public event, drawing more than 70,000 volunteers to California’s beaches and inland waterways every year. Since the Commission began Coastal Cleanup Day in 1985, it has grown to become the state’s largest annual volunteer event, and when combined with the International Coastal Cleanup, organized by the Ocean Conservancy, the largest such event in the world. During the past 31 years, almost 1.4 million volunteers have removed over 22 million pounds of trash, helping to keep our state’s beaches and ocean free of debris at the end of the beach-going season. More than just a beach and river cleanup, the Cleanup is a fantastic entry point for Californians, young and old, and from across the spectrum of our population, to learn about coastal stewardship, the Commission’s role in protecting our coast, and how they can become further involved in our efforts to keep the California coast clean, safe, and open to everyone. More information about Cleanup Day, including a comprehensive site map of the more than 850 Cleanup locations around the state, is available on the Commission’s public education webpage [here](#).

The three weeks following Coastal Cleanup Day are celebrated as “Coastweeks,” and the Coastal Commission creates a calendar of events related to the coast and inland waterways taking place all over California. Hundreds of events are included, hosted by many organizations and local governments. Groups can continue to submit events to PE staff to be included in the event calendar (<http://www.coastal.ca.gov/publiced/coastweeks>).



ATTACHMENT A

California Coastal Commission Local Coastal Program Planning Grant Program

FY 2014-2015 (Round 2) LCP Grants – 5th Status Report

The following is a summary of the work completed under the 13 Local Coastal Program (LCP) Grant agreements awarded in Fiscal Year 2014-2015 from April 1, 2015 to July 31, 2016. Funds spent up to July 31, 2016 total \$825,035.24

1) Humboldt County – Grant Total \$125,000

- **Project Summary:** Humboldt County will complete a comprehensive update of the Humboldt Bay Area Plan, which was certified in 1982 and governs the use of approximately 21,500 acres of land around Humboldt Bay and over 20 miles of Pacific coastline. The Local Coastal Program (LCP) update includes regional coordination with the Cities of Eureka and Arcata (two local governments that hold jurisdiction within the Humboldt Bay Coastal Zone and are in the process of updating their own LCPs), establishing baseline environmental and community conditions, completing a sea level rise risk assessment, and directing policy initiatives to give priority protection for coastal-dependent land uses. The grant will also support Humboldt Bay-wide tsunami safety planning and foster public engagement.
- **Work Completed:** The County of Humboldt has continued to collaborate with the Humboldt Bay Harbor Recreation and Conservation District (HBHRCD) and the Cities of Eureka and Arcata over the collection and analysis of data pertaining to coastal dependent industrial land (CDI) (Task 1). Recently, the County participated in a meeting with the City of Eureka to discuss coordination of City and County CDI rezoning activities, while the County also assisted National Oceanic and Atmospheric Administration (NOAA) staff with information gathering for a potential tsunami refuge site in Fairhaven. A meeting with Commission staff to discuss projects and planning issues related to the Eureka-Arcata Highway 101 corridor has also been scheduled. CDI data that has been collected has been refined with parcel specific data from the County GIS system for regional market analysis (Task 5), including inventorying and mapping of all County industrial land. The County has also continued to coordinate closely with the Humboldt Bay Sea Level Rise Adaptation Planning Working Group and with Coastal Commission district staff (Task 1) in preparation of the Baseline Conditions and Sea Level Rise Sensitivity Analysis Report (Task 2). The City of Eureka's Draft Sea Level Rise Assets Vulnerability and Risk Assessment has also been reviewed in preparation of the Sea Level Rise Sensitivity Analysis Report. Additionally, public outreach has continued following the launching of an informational website displaying the LCP update process for community members and interested parties. For Humboldt Bay-wide tsunami safety planning (Task 3), the County has continued to coordinate with NOAA regarding Tsunami Ready Status for unincorporated communities in Humboldt County, as well as meeting with regional agencies and stakeholders to discuss new tsunami mapping techniques and modelling. Lastly, the County is working with Commission Staff to amend the grant agreement and extend the work program through 2018.

- **Grant Term:** April 27, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$2,670.05

2) **City of Trinidad** – *Grant Total \$80,000*

- **Project Summary:** The City of Trinidad will complete a comprehensive update of its Local Coastal Program (LCP) to address climate change and current community conditions. The grant project includes: certification of the Trinidad Harbor Area of Deferred Certification (ADC); development of a cultural resources element of the Land Use Plan, with an emphasis on the Tsurai Study Area, and incorporation of policies and recommendations of the Tsurai Management Plan; integration of policies and adaptation measures to address the impacts of climate change, and in particular sea level rise; coordination and consultation with Coastal Commission staff and other stakeholders; revision of the Implementation Plan; and adoption and certification of the LCP.
- **Work Completed:** The City of Trinidad has continued with its efforts to coordinate with targeted stakeholders over the LCP update process (Task 1). Meetings with the Trinidad Bay Watershed Council, the Planning Commission, and the City Council have all been held, as well as public informational sessions to respond to General Plan and LCP-related inquiries from the public and community advocacy groups, such as the Trinidad Rancheria (Task 1). Data collection and analysis of local climate change and adaptation resources has been completed, with the City posting the draft Climate Change Vulnerability Report online (Task 2). The City has also completed and submitted a draft of its Needs Assessment for the Implementation Plan (Task 3). This has entailed a review of its zoning ordinance to assess for data gaps and deficiencies after inconsistencies between its draft LUP elements and the Commission's LCP Update Guide were identified. The City has also continued to consult with Tribal entities for the purpose of incorporating the Tsurai Management Plan into the LCP. The City met with the Tsurai Ancestral Society, the Yurok Tribe and the Trinidad Rancheria over the development of a Cultural Resources Element in the LUP (Task 4). Lastly, the City has commenced coordination with relevant stakeholders in the development of policies and regulations for the Trinidad Harbor Area of Deferred Certification (Task 5).
- **Grant Term:** April 13, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$33,902.87

3) **City and County of San Francisco** – *Grant Total \$173,750*

- **Project Summary:** The City and County of San Francisco will amend its Local Coastal Program (LCP) to reflect the Ocean Beach Master Plan (2012), as well as add more general policies to address sea level rise adaptation. LCP policies will be based on best available science, including the Federal Emergency Management Agency and San Francisco Public Utilities Commission sea level rise and coastal flood hazard studies and adopted guidance from the National Research Council and Coastal Commission. The LCP Amendment includes an extensive public outreach component, a review of existing data and assessments on sea level rise (SLR), policy development, and submittal of the LCP Amendment to the Coastal Commission.
- **Work Completed:** The City and County of San Francisco has completed its Public and Agency Engagement Plan (Task 1), including the engagement vision, goals, and objectives. The strategy of the Public and Agency Engagement Plan is to establish

communication and public participation programs to be implemented by the City and County during the LCP Amendment process, while also representing a continuation of the Ocean Beach Master Plan's multi-stakeholder engagement process. Recent public and agency engagement-related activities have included coordination meetings with Districts 1-3 Board of Supervisors and the first public open house in April; a community advisory group meeting in June; and an interagency meeting in June. The City and County has also completed a final draft of the Existing Data and Analysis summary, including technical LCP appendices (Task 2). In collaboration with FEMA, the City and County has also obtained data and maps for its completed FEMA Open Coast SLR Pilot Study. Efforts to translate the vision of the Ocean Beach Master plan into a draft set of policies that will address sea level rise in San Francisco's Coastal Zone (Task 3) also continues with the City and County refining policy language into a second draft. Lastly, the City and County has also discussed its policy approach with the Planning Department's Senior Policy Advisor, the SPUR Ocean Beach Master Plan Project Manager, members of the Steering Committee, Community Advisory Group, and Coastal Commission Staff.

- **Grant Term:** May 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$92,360.11

4) **City of Monterey** – *Grant Total \$235,000*

- **Project Summary:** The City of Monterey will prepare a new Local Coastal Program (LCP) that consolidates five coastal planning subareas – Cannery Row, Harbor, Del Monte Beach, Skyline and Laguna Grande – into one LCP for the City. The grant project includes a public outreach program; an existing conditions and issues assessment encompassing risks from sea level rise, tsunamis, flooding, and fire; development of LCP visions and goals; and the preparation of the LCP for Coastal Commission review and certification.
- **Work Completed:** As part of its effort to develop a robust outreach program during the LCP grant term (Task 2), the City of Monterey created a web page, an email notification list, a social media platform, newsletter template, and web-based community questionnaire. The City also continues to hold informational sessions as needed, with a joint informational session with the City's Planning Commission and City Council to discuss the LCP planning process recently completed. Numerous public workshops have also been held with topics centering on the LCP planning process, shoreline and intertidal importance, Sea Level Rise (SLR) impacts, and alternative adaptation strategies to address SLR (Task 2). The City has also completed its Existing Conditions Report (Task 3) following its compilation of land use and infrastructure data, setting SLR projection ranges for its planning area, and identifying potential physical SLR impacts and risks to coastal resources. The key findings of the Existing Conditions Report include the following findings: that coastal hazards with five feet of SLR pose a greater risk to the City than a FEMA mapped 500 year storm event; that coastal flooding poses the largest vulnerability to public transportation in the City; and that most existing hazardous material storage areas are located in the harbor and are associated with coastal dependent uses. Lastly, the City has completed its Vision, Goals and Objectives Report (Task 4) to represent the community's general direction on LCP planning topics. The Alternatives Report (Task 5) is also nearly complete and includes alternative LCP policies, including adaptation measures, to address Climate Change; City staff continues to meet with

Coastal Commission staff to refine this report and anticipate additional public workshops as needed. Lastly, the City has completed an administrative draft LCP Outline and is developing new LCP policies for the administrative draft LCP anticipated to be completed by the end of August 2016 (Task 6).

- **Grant Term:** May 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$35,050.12

5) **City of Morro Bay** – *Grant Total \$147,000*

- **Project Summary:** The City of Morro Bay will complete a comprehensive update of its Local Coastal Program (LCP) and General Plan in accordance with the California Coastal Act and the City's Goals of 2013. The project's primary objective is to provide an updated Land Use Plan (LUP) and Implementation Plan (IP), which will result in a comprehensively updated LCP. The grant project will build off a sea level rise project funded by the Ocean Protection Council (OPC) and includes public engagement; a climate change vulnerability assessment; an issues, opportunities, and constraints study; LUP and IP updates; and certification of the LCP update.
- **Work Completed:** The City kicked-off the LCP grant project in February 2016 with a special joint meeting of the City Council, Planning Commission, and the General Plan and Local Coastal Program Advisory Committee (GPAC). Since then, the City has hired a consultant for grant-related work; held informational meetings to discuss general concepts of the LCP grant project with members of the public; and formed the GPAC to support policy direction and to provide input and guidance to City staff and the consultant team on the planning process and its products. More recently, the City conducted Sea Level Rise (SLR) and coastal asset stakeholder meetings and presented coastal resilience, shoreline protection, and SLR topics at GPAC meetings (Task 2). The City has also carried out numerous public outreach events (Task 3), including three GPAC meetings that included the drafting of a community vision and discussions of the City's LCP baseline conditions. For the City's OPC-funded SLR Vulnerability Assessment (Task 4), the City completed its identification of existing coastal conditions; prepared an inventory of infrastructure and systems potentially affected by SLR; identified SLR scenarios and modeled cumulative effects; and analyzed SLR vulnerability. To complete this task, the City still has to identify an appropriate adaptation policy framework and continue with project-specific collaboration and outreach. The City has also completed its Issues, Opportunities, and Constraints Study (Task 5), with its SLR analysis incorporated as Chapter 3.0 and Appendices A and B of the Community Baseline Assessment (CBA). SLR analysis has been incorporated throughout the Community Vulnerability and Resilience Assessment (CVRA). The City has also conducted its economic and market analysis and is included as Chapter 5.0 of the CBA and is integrated throughout the CVRA. Lastly, the City is currently developing draft key issues and a policy report that will be presented at the August GPAC meeting as part of its preparation of a strategy to develop the LCP/GP (Task 6).
- **Grant Term:** June 1, 2015 - December 31, 2017
- **LCP grant funds spent to date:** \$58,651.25

6) **County of Santa Barbara** – *Grant Total \$183,000*

- **Project Summary:** The County of Santa Barbara will complete an amendment to its

LCP to identify and plan for mitigation of potential coastal hazards associated with climate change. The project is comprised of two phases, with the first including a coastal hazard modeling and vulnerability assessment based on two regional databases that the County will compile. The second phase includes the development of a Coastal Hazard Adaptation Plan and the LCP amendment.

- **Work Completed:** The County initiated its grant project by holding a kick-off meeting (Task 1) and first stakeholder modeling and mapping meeting (Task 2) in August of 2015, with additional stakeholder meetings held in February and May of 2016. For the purpose of populating the regional resource database (Task 3), the County has digitized its Coastal Armoring Permit data (of critical habitat and critical infrastructure like roads) and converted Census data in ArcGIS; to complete this task, the County compiled Assessor data based on future property loss and building damage estimates. An update to the County's Policy and Planning Tool Database (Task 4) has also been completed so that each jurisdiction within the County can screen and rank policies and tools based on criteria that measure governmental support, scale of area impacted, timing and cost of implementation, flexibility, and the available policy framework for coastal hazard planning activities. The County has also completed modeling and mapping coastal hazards for climate scenarios (Task 5) by developing a backshore characterization inventory that includes the parameters necessary to drive the coastal hazards model; collecting data on erosion rates based on the geology of the shoreline; combining the updated coastal armoring database with LIDAR elevations of armored structures; modeling wave transformations; and mapping coastal hazards with and without armoring. A technical method report on the Task 5 Modelling and Mapping of Multiple Coastal hazards is available but is being revised to include coastal armoring methods. For its analysis of the social, economic, and ecological conditions (Task 6) through the mapping application produced in Task 5, the County has continued mapping habitat data with different SLR scenarios and Census block demographic data combined with economic data; this mapping and analysis is anticipated to be completed by the next quarterly progress report. For work on the Coastal Hazard Vulnerability Assessment (Task 7), the County has completed its review of the Multi-Jurisdictional Hazard Plan, the City of Santa Barbara's Sea Level Rise Vulnerability Assessment, and other documents that include information on historical vulnerability and damage from coastal hazards. The County also held a workshop in February 2016 to discuss new and existing coastal hazard policies and adaptation strategies with the public (Task 8), with a report on Stakeholder Input anticipated to be completed soon. Lastly, for the purpose of preparing the Draft LCP Amendment (Task 9), the County has completed its review of regional coastal development and adaptation strategies (of the County's current LCP) in conjunction with the Commission's Sea Level Rise Policy Guidance document.
- **Grant Term:** June 18, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$143,586.11

7) **City of Oxnard** – *Grant Total \$150,000*

- **Project Summary:** The City of Oxnard will complete a comprehensive update to its Local Coastal Program (LCP). The grant project consists of interagency coordination and public involvement, the development of a Sea Level Rise (SLR) Analysis and Adaptation Policies Report, and an update to the Land Use Plan and Implementation Plan.

- **Work Completed:** As part of its public outreach efforts (Tasks 1 and 9), the City of Oxnard has continued to update its website on the LCP grant project, including opportunities for public involvement. Additionally, the City has held Agency Stakeholder Committee (ASC) and Technical Advisory Committee (TAC) meetings, with regional stakeholders such as Port Hueneme, the County Harbor Department, and State Parks participating (Task 1). The City has also completed its SLR Report (Task 2) following local hydrology modeling and drainage scenario mapping. The final SLR Map Atlas & Report has also been reviewed by the ASC, TAC, and Coastal Commission Staff and has been uploaded to the City's LCP webpage (Task 2). The City has also continued with its preparation of Risk Assessments (Task 3) for all planning areas, with the SLR Drainage Scenarios mapping, Tsunami Vulnerability Assessment, and Channel Islands Harbor Vulnerability Assessment already drafted. For its efforts on preparing SLR Adaptation Policies and Programs (Task 4), the City has continued with its compilation of LCP policies from around the State and holding internal discussions with stakeholders, such as the LA Regional Water Quality Control Board and City Parks. The City has also continued drafting chapters on public access, hazards and shorelines, environmentally sensitive habitat areas, agricultural preservation, water quality, and archeological and scenic resources for all planning areas. For SLR adaptation policies related to energy uses and wetlands, the City has coordinated with Coastal Commission Staff regarding the City's moratorium on new power plants (to be incorporated in the LCP), and with the Coastal Conservancy regarding the cleanup of Ormond Beach. Lastly, the City has completed updating the existing Land Use Plan and has commenced with updating the LCP with SLR results from Tasks 3 and 4 as part of the overall LCP update (Task 5).
- **Grant Term:** June 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$94,132.91

8) City of Santa Monica – *Grant Total \$225,000*

- **Project Summary:** The City of Santa Monica will develop a new Local Coastal Program (LCP), consisting of a revised Land Use Plan and new Implementation Plan. The LCP will reflect the latest data and research in regard to coastal issues, including the impacts associated with climate change, and will incorporate multi-modal transportation policies of the City and of regional agencies. The project includes identifying and updating relevant LUP policies, community engagement, developing an implementation plan structure, assessing climate vulnerability, and developing policies to address potential threats from sea level rise (SLR) and climate change.
- **Work Completed:** The City of Santa Monica has hired a grant-funded assistant planner and consultant for the duration of the grant project and has prepared a detailed scope of work, thus completing the Project Initiation task (Task 1). The City has also completed its data gathering, research and an analysis of key issue areas (Task 2) by reviewing adopted plans in the City's coastal zone, evaluating current coastal transportation investments and future budgeted capital improvements, and preparing an LUP outline and memo identifying LUP areas of revision. Additionally, the City has held numerous meetings with stakeholders and Commission Staff regarding the use of CoSMoS modeling techniques and data, with preliminary results discussed with USC Sea Grant members and in a workshop on Sea Level Rise in April 2016 (Task 2). A project website has also been created as part of the City's community outreach efforts (Task 3), while multiple outreach meetings with

neighborhood, civic, and business organizations have been held as part of the City's Phase I outreach efforts (Task 3). As the City begins to draft the LCP, a second phase of outreach is anticipated to occur that will include three summer outreach activities designed to reach a wider, more general population on the topics of SLR, transportation, access to the beach area, and endangered species protection. The City has also commenced with its drafting of LUP chapters, including background and policy development, and has turned the draft LUP Update Framework into a policy memo (Task 4). Moving forward, the City is preparing to bring a policy discussion to the Planning Commission in September, followed by a Council discussion in late November. Lastly, the City is also working with Commission Staff on an amendment to this grant project (Round 2) to reflect the City's Round 3 grant award, which will focus on finalizing and certifying the Implementation Plan, with the Round 2 grant to focus on LUP development.

- **Grant Term:** April 13, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$112,176.09

9) **City of Los Angeles** – *Grant Total \$250,000*

- **Project Summary:** The City of Los Angeles will prepare a new Local Coastal Program (LCP) for the Venice LCP segment based on work completed as part of a grant that the City Planning Department received from the Coastal Commission in fiscal year 2013-14. The Venice LCP will act as a pilot LCP, providing the City a foundation upon which to develop future LCPs for other segments within the City. This grant project consists of updating the Land Use Plan (LUP) and drafting a new Implementation Plan (IP) through an analysis of climate change impacts, as well as drafting policies to address sea level rise (SLR).
- **Work Completed:** The City of Los Angeles recently kicked-off its LCP Grant project and has developed and launched a project website that is updated periodically with public outreach announcements and background information on Venice (Task 1). The City continues to prepare for its first public workshop on the policy objectives of the Venice LCP having prepared an agenda, maps, a preliminary outreach strategy and communication materials; staff have also met with community stakeholders to better understand the various perspectives in the Venice Community and to improve the outreach process (Task 1). Moreover, the City has completed identifying participants to serve on the Technical Advisory Group, which will advise the City on the Venice LCP project. Members of the Department of City Planning-Project Planning and Office of Historic Resources, the Department of Transportation, the Bureau of Engineering, the Department of Building and Safety, the Housing and Community Investment Department, and Recreation and Parks will serve on the TAG throughout the Venice LCP project (Task 1). The City has also continued to coordinate with regional partners, like the City of Santa Monica, on Sea Level Rise work via Adapt LA (Task 1). For the Venice LUP (Task 2), the City has completed an Environmental and Climate Change Analysis scope of work and has commenced with reviewing the existing LUP, while preliminary work on collecting projections for population, housing and employment from the Southern California Association of Governments has been completed as well (Task 2). For work related to the Implementation Plan (Task 3), the City has commenced with identifying the structure and organization of the IP by meeting with the City's Code Studies Division to determine how the IP can leverage the new zoning layout that will be created from a

separately funded effort. An organizational component of the IP, titled the Coastal Context, has been developed that can house process and procedures, coastal related development standards, and other planning and zoning for all coastal segments within Los Angeles. Lastly, the City has worked with Commission Staff on amending the current grant agreement to extend the grant project out to 2019.

- **Grant Term:** June 29, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$32,538.70

10) City of Newport Beach – Grant Total \$67,000

- **Project Summary:** The City of Newport Beach will complete the certification phase of its Local Coastal Program Implementation Plan as part of the second phase of the City's LCP work. Phase I began in 2012, and involved the formation of a General Plan/Local Coastal Program Implementation Committee to provide oversight and direction to City staff and the preparation of the Administrative Draft Implementation Plan. Phase II involves community outreach, continued coordination with Coastal Commission staff, local public hearings, and submittal of the Implementation Plan to the Coastal Commission.
- **Work Completed:** The City has completed tasks 1-4 of the Phase I grant project. Task 1 (Community Outreach) commenced with the completion of the City's Public Review Draft of the Implementation Plan and it's posting on the City's website and mailing to community members and civic organizations. As part of these outreach efforts (Task 1), the City also conducted a series of community workshops in which the Public Review Draft was exhibited and explained. Planning Commission and City Council Study sessions were also completed, with additional workshops and study sessions to be held as needed. The IP was then revised following public comment and Coastal Commission input (Task 2 and 3), with the finalized IP approved by the City's Planning Commission and City Council in November 2015 (Task 4). Subsequently, the City submitted the IP application package to the Coastal Commission, which deemed the application package complete on February 19, 2016 (Task 5). The City has initiated the adoption phase of the IP pending Commission approval, which will involve incorporating any Commission suggested modifications and submitting the revised IP to the City Council (Task 6). The IP is scheduled for review and action by the Commission at its September hearing.
- **Grant Term:** May 1, 2015 – November 30, 2016
- **LCP grant funds spent to date:** \$56,984.10

11) County of San Diego – Grant Total \$52,000

- **Project Summary:** The County of San Diego will update its existing Local Coastal Program (LCP) to reflect present community conditions and the potential effects of climate change and sea level rise (SLR). The project will include an analysis of the portion of the unincorporated County located within the coastal zone and the development of related policy for public access, recreation and visitor-serving facilities, water quality protection, sensitive natural habitats, land use and development standards, and coastal scenic resource protection. The County's adopted General Plan will be used as the foundation of the LCP and the project will include collaboration with the Cities of Del Mar, Solana Beach, Encinitas, Carlsbad, and other relevant regional entities.

- **Work Completed:** As part of its preparation for the grant project (Task 1), the County of San Diego drafted a project charter, formed a Stakeholder Group (including district Commission staff), launched a webpage on LCP-related items, and developed a Public Engagement Plan for Land Use Plan (LUP) development. A draft of the methodology for LUP development and identification of key issues (Task 1) has also been revised to address Commission staff comments, thus completing Task 1. The County has also completed its Existing Conditions Report and Climate Change Vulnerability and Risk Assessment (Task 2), though the County will continue to refine the Existing Conditions Report as the LUP is finalized. County Staff has also held numerous public outreach events on the LCP update project, with a presentation on the project scope held at the Rancho Santa Fe Association Covenant board, the San Dieguito Community Planning Group, and the County's Planning Commission (Task 2). The County has also attended the SLR working group meeting held at the San Diego Foundation and a SLR workshop held at the Central Library as part of its efforts to gather existing conditions data and participate in outreach events (Tasks 2 and 3). County Staff has also submitted a preliminary draft LUP to the Commission Staff for review and has begun to address Commission comments. A draft staff report on the LUP for the County's June Planning Commission hearing was ultimately delayed due to the required revisions, while the draft LUP has not yet been released to the public. For its development of an Implementation Plan (IP), the County has commenced with developing the IP approach and outline with Commission Staff and the County's consultant team (Task 5).
- **Grant Term:** May 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$9,229.92

12) City of Carlsbad – Grant Total \$228,000

- **Project Summary:** The City of Carlsbad will update its Local Coastal Program (LCP) and obtain certification for its Areas of Deferred Certification within the City's coastal zone. Certification of a fully updated LCP will be based upon policies and adaptation measures for sea level rise (SLR), and will include updates needed for public access and recreation, the marine environment, land resources and industrial development, and coastal-dependent development.
- **Work Completed:** The City of Carlsbad completed its kick-off task for the grant project by selecting a consultant and holding a kick-off and outreach planning meeting in October and December of 2015 (Task 1). For its research efforts on SLR impacts (Task 2), the City has attended regular USGS and San Diego Climate Collaborative Sea Level Rise meetings, SANDAG Shoreline Preservation Group seminars and participation in the AdaptLA webinar on SLR as part of its collaboration with regional stakeholders (Task 5). The City has also conducted a series of SLR stakeholder interviews in June with various local stakeholders, including State Parks, Lagoon Foundations, Surfrider, the Real Estate Industry and local water and waste agencies for additional research into how sea level rise may affect stakeholders. For the preparation of a draft LUP and IP (Task 3), the City has updated its LCP outline and commenced with drafting the LUP. In May, the City also held a public meeting on the City's Coast and Lagoons in which the LCP update process and SLR were discussed, while the public review of the draft Sea Level Rise Vulnerability Assessment began in mid-June (Task 4). Lastly, the City has continued to coordinate with Commission Staff on all work products (Task 5), with meetings on

the coastal zone boundary, the SLR Vulnerability Assessment, and the LCP outline recently held.

- **Grant Term:** April 1, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$82,828.00

13) City of Del Mar – Grant Total \$100,000

- **Project Summary:** The City of Del Mar will submit an amendment to its Local Coastal Program (LCP) that will incorporate adaptation strategies into its certified LCP. The LCP Amendment will address sea level rise (SLR) and coastal flooding impacts to the City's most vulnerable coastal resources, visitor-serving amenities, and residences. The project includes the preparation of a Vulnerability Assessment, Risk Assessment, and Adaptation Plan. A public involvement process will also be outlined by the Stakeholder Advisory Committee and the City, while the City will also coordinate and share information with other LCP planning grant recipients and local governments. Following the drafting of the LCP Amendment and its adoption by the City Council, the City will submit the LCP Amendment to the Coastal Commission for review and certification.
- **Work Completed:** The City of Del Mar completed its project commencement task by selecting its consultant, establishing a Stakeholder Technical Advisory Committee (STAC), preparing the public involvement process and scheduling community meetings (Task 1). The City has also completed its Vulnerability and Risk Assessment with preliminary 100-year data from CoSMoS 3.0, while STAC meetings have also been held to obtain input on Planning Area refinement and proposed methodologies for SLR modeling (Task 2). The SLR Vulnerability and Risk Assessment found that wetlands in the San Dieguito Lagoon will be inundated more frequently in the future and eventually drowned out entirely, and that the dry beach could be lost between 2030 and 2070. A supplemental study that utilizes the final CoSMoS 3.0 data and thus refines the analysis of potential beach loss and wetland habitat evolution will be addressed in the Round 3 LCP grant that the City was recently awarded. The City has also commenced with its preparation of an Adaptation Plan (Task 3) that will include adaptation strategies for beaches, coastal bluffs, wetlands, and lagoons and rivers; the adaptation plan is anticipated to be completed by the end of August, with the City then expected to begin drafting the LCP Amendment (Task 4).
- **Grant Term:** April 16, 2015 - April 30, 2017
- **LCP grant funds spent to date:** \$70,825.00