

**CALIFORNIA COASTAL COMMISSION**

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**W7a**

December 11, 2017

TO: California Coastal Commission and Interested Parties

FROM: John Ainsworth, Executive Director

SUBJECT: Executive Director's Report, December 2017

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

**LCP Program Status – Orange County (SP Goal 4)**

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. For instance, the City of Huntington Beach and Long Beach district staffs are currently coordinating on an LCP amendment that will incorporate the Sunset Beach segment, which was recently annexed into the City, into the Huntington Beach LCP.

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, Newport Beach, Irvine, Laguna Beach, Laguna Niguel, and Dana Point. The LCPs for the cities of Seal Beach, Costa Mesa, Aliso Viejo and San Clemente are not yet certified.

Newport Beach is the most recently certified jurisdiction, with the confirmation of the final certification of the Implementation Plan occurring at the Commission hearing on January 13, 2017. This effort was supported in part by an FY 14-15 LCP planning grant of \$67,000.

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 also been completed. The Commission awarded a \$90,000 Round 1 (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. Finally, two Round 3 (FY 16-17) LCP 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; these projects are currently underway.

## **Sea Level Guidance Implementation Outreach (SP 3.1)**

### **Residential Adaptation Policy Guidance Update**

The [Draft Residential Adaptation Policy Guidance](#) (Guidance) is a product of the Coastal Commission's FY 2014 Project of Special Merit NOAA Federal Grant Award, and was presented to the Commission in August 2017. The Guidance follows up on, and is meant as a companion document to, the [Commission's 2015 Sea Level Rise Policy Guidance](#), which set forth broad principles related to planning for sea level rise. This Guidance is not a regulatory document or legal standard of review for the actions that the Commission or local governments may take under the Coastal Act, but is meant to provide direction on how to address sea level rise in LCPs for residential development in a manner that is consistent with the Coastal Act, including detailed policy language that local governments have requested from the Commission.

The Draft Guidance was released on the Coastal Commission's website on July 28, 2017 for a 2-month public comment period. To solicit and encourage comments on the draft, Commission staff conducted 3 public webinars, three conference calls with local governments, and meetings with our district staff. Twenty-seven comment letters were received from private citizens, non-governmental agencies, local governments, state agencies, and others. The comment letters are posted on our website on the [Residential Adaptation Policy Guidance](#) page. Commission staff is addressing comments by revising the document where appropriate and preparing responses to comments.

Commission staff are planning to release a Revised Public Review Draft Residential Adaptation Policy Guidance on December 22, 2017, along with responses to frequently submitted comments. The release of a revised public review draft will initiate a new public comment period through January 31, 2018 to allow for additional input on the revised draft before bringing the final recommended guidance to the Commission for adoption in early 2018 (likely the March hearing). A full response to comments document and proposed final revised guidance will be prepared for that hearing.

### **CSAC 2017 Conference - Coastal Counties Regional Association (SP 1.1.4 & 7.2.5)**

On November 28<sup>th</sup>, Statewide Planning Manager Madeline Cavaliere, gave a presentation at the California State Association of Counties Legislative Conference – Coastal Counties Regional Association. The presentation addressed the following topics:

- Commission's Status of the Draft Residential Adaptation Policy Guidance
- Discussion on public trust, including what constitutes the public trust and that protection of public trust resources requires active participation on the part of local governments and the Coastal Commission, not solely the State Lands Commission
- The importance of Risk Disclosures in every jurisdiction
- A discussion of how local government hazard planning should be based on the Best Available Science, particularly an understanding of how high projections of sea level rise may impact existing development
- Emphasis on avoiding hazards through siting and design techniques
- The potential impacts to public access, beaches, and the economy from using shoreline armoring as a solution to sea level rise
- The importance on defining redevelopment in the context of hazards planning

## Meetings and Events

### California State Bar Conference (SP 4.4)

On Friday, November 3<sup>rd</sup>, Commission staff participated in a State Bar of California environmental law continuing education conference in Eureka. North Coast District Manager Bob Merrill gave a presentation on housing issues in the coastal zone as part of a three person panel on the topic. The staff presentation included an overview of the Coastal Act and focused on Coastal Act Section 30604's encouragement of the protection of existing and new affordable housing opportunities, and Commission regulation of homeless shelters, vacation dwelling units, and accessory dwelling units.

### Upcoming NOAA Section 312 Evaluation (7.8.3)

Section 312 of the Coastal Zone Management Act (CZMA) requires the NOAA Office for Coastal Management (OCM) to conduct periodic evaluations of the performance of states and territories with federally-approved coastal management programs. The 312 Evaluation typically examines the operation and management of a state program, assesses accomplishments and needs and includes recommendations for program improvements. The evaluation also includes opportunities for stakeholders and members of the public to provide input and attend a public meeting. The final evaluation report summarizes the process and results.

The California Coastal Management Program (CCMP) 312 Evaluation is underway (note, the CCMP includes the statutes and programs of the State Coastal Conservancy (SCC), SF Bay Conservation and Development Commission (BCDC) and the Coastal Commission (CCC) ([see Attachment A for Detail Schedule](#)). The evaluation period for which NOAA will be reviewing the CCMP agencies runs from January 2009 through December 2017. NOAA completed the evaluation and site visit for SCC and BCDC in October 2017. The Coastal Commission's site visit will occur in June of 2018. After the Coastal Commission's site visit, the results of the evaluation will be combined into one report with recommendations for all three agencies.

Section 312 evaluations require significant investment of Commission staff time to meet informational requests (due to NOAA in January 2018), provide stakeholder names and contact information for a stakeholder survey (conducted in February 2018), scheduling and conducting the site visit and required public and stakeholder meetings, and for follow-up and review of OCM findings and recommendations. An overview of the 312 schedule of information delivery requirements and agency, stakeholder and public meetings is provided as an attachment to the ED report.

The last 312 Evaluation of the CCMP was conducted in 2008. The evaluation included a number of recommendations for the Commission, BCDC and SCC and one necessary action for the Commission to update its Strategic Plan. The Commission completed this action with Commission's adoption of the Coastal Commission 2013 – 2018 Strategic Plan in April 2013.

### Preparation for Commission's Next Five Year Strategic Plan.

The Commission's existing five year Strategic Plan ends in April of 2018. Commission staff is beginning work on the on the schedule and work plan for the preparation of the next five year Strategic Plan.. This effort will begin in January 2018. Commission staff is looking forward to working with the Commission, stakeholders and members of the public to chart out the Commission goals and objectives over the next five years in our continuing journey to protect and preserve California's precious coastal resources. The Commission is facing many difficult

and challenging issues and a clear strategic plan will provide a systematic road map to achieve the goals and objectives of the plan.

## **Government Alliance on Race and Equity Training**

The Coastal Commission will be sponsoring up to 15 staff members to participate in a year-long training in Sacramento in 2018, focused on helping state agencies take a systematic approach to advancing racial equity. The Government Alliance on Race and Equity (GARE) is hosting 50 hours of training and an additional speaker series throughout the year on topics ranging from “Introducing Core Racial Equity Concepts” to “Advancing Racial Equity in Political Environments.” The purpose of the training is for participants to develop an action plan to help state government become more effective and inclusive democracies. Among those participating are the Department of Transportation, Strategic Growth Council, Department of Education, Department of Public Health and others. This in-depth training dovetails with our ongoing effort to reach out to environmental justice groups and stakeholders to help the Commission draft an environmental justice policy.

## **LCP Grant Status Reports (SP 4.1 & 4.2)**

The Commission currently funds 29 local jurisdictions through three rounds of LCP Grant funding. Many of the Round 2 LCP grant programs are now nearing completion, with a significant amount of sea level rise technical work completed, as well as LCP policy development and public outreach (see [Attachment B](#) for a status report on Round 2 LCP Grants). For Round 3, most LCP grant programs are now fully underway (see [Attachment C](#) for a status report on Round 3 LCP Grants). For Round 4, all seven LCP grant work programs are being finalized and are nearing execution.

## **New Three Mile Segment of the Coastal Trail in Arcata**

On November 19<sup>th</sup> the City of Arcata celebrated the grant opening of a new 3 mile segment of the California Coastal Trail (permitted by the Commission in October 2016). Commission staff attended the event. The trail extends from State Route 255, through the Arcata Marsh and Wildlife Sanctuary to Highway 101, then along the Highway 101 “Safety Corridor” adjacent to Humboldt Bay between the Cities of Arcata and Eureka. The County of Humboldt has begun preliminary design work to install trail along the remaining 4 miles of the Highway 101 Safety Corridor to provide safe non-motorized travel connecting the two largest cities in Humboldt County.

The project was funded by local funds, the California Coastal Conservancy, and state and federal transportation funds. In addition to monetary support, Caltrans signed an MOU with the City to create 2.26 acres of palustrine wetlands on Caltrans property to satisfy mitigation requirements for the trail’s wetland fill impacts. Caltrans’s support of the project was bolstered by the Coastal Commission’s action in September 2013 on a federal consistency certification for Caltrans’ Eureka-Arcata Highway 101 Corridor Improvement Project. The Commission’s concurrence on the highway improvement project included a condition requiring that construction of the highway improvements will not commence until adequate commitments are in place to assure that a separate trail parallel to Route 101 will be constructed and operational by the time the major corridor improvement project components are completed. Through this condition, the Commission formally linked the trail project to Caltrans’ highway project, ensuring Caltrans’ ongoing support of both the City and County segments of the coastal trail project.



New Arcata Coastal/Rail Trail

### Coastal Trail Videos (SP 1.4)

The Coastal Commission funded a series of short videos about segments of the California Coastal Trail along California's coast. The videos are produced by Rigler Creative with support of a Commission Whale Tail grant and grants from the Coastal Conservancy to the International Documentary Association. This series of videos about the coastal trail originally started at the San Diego border and the producers are working their way up the coast. Last year the series focused on the central coast. This year the video series continues north from San Francisco up through Sonoma County. The new videos have now just started to be posted at <https://www.kcet.org/shows/california-coastal-trail>. The new videos are also available through the Commission's website, the Public Education YouTube channel, and on social media.

This month we are highlighting the San Clemente segment of the Coastal Trail in Orange County: [San Clemente](#).

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## Attachment A

# Updated Evaluation Overview – FY18

*Note: Blue rows highlight tasks where state program has lead or major role.*

<b>All programs</b>	
Programs contacted by NOAA regarding best 2 months to hold the evaluation (or 3-4 best weeks)	September 2017
Evaluator holds call with program to provide overview of evaluation process and answer questions	September or October 2017
Dates of site visit confirmed	December 2017 or earlier
Program completes information submittal	January 18, 2018
Evaluator sends notification of evaluation letter to state department head	January 2018
Program emails notice to stakeholders regarding survey	January-March 2018
Evaluator conducts survey	January-March 2018
Survey results analyzed	February-April 2018
<b>Schedule varies by month of program's site visit</b>	
Target Area Selection Meeting <ul style="list-style-type: none"> <li>• Initial summary survey results provided to program prior to meeting</li> </ul>	At a minimum 2 months prior to site visit (February – July 2017)
Expert Participant and OCM regional staff member identified for Evaluation Team	Within month after target area selection meeting
Program sends draft agenda with invitees identified for evaluation team to review	Within 3 weeks of target area selection meeting.
Program invites stakeholders to participate in site visit meetings. Site visit has <ul style="list-style-type: none"> <li>• Public meeting</li> <li>• 1-3 meetings on target areas w/staff</li> <li>• 2-6 meetings on target areas w/stakeholders</li> </ul>	1-2 months prior to stakeholder meetings (varies March – July 2017)
OCM publishes a <i>Federal Register</i> notice advertising the public meeting.	45 days prior to the public meeting
Program publishes a notice in a newspaper(s) of wide circulation in the area AND takes other methods of advertisement which may include social media, website, newsletters, a state register of notices, press release, or use of email list serves.	45 days prior to the public meeting for newspaper notice. Other methods of advertisement can vary.

Meeting of evaluation team and state program staff to review final agenda before site visit	1-2 weeks prior to site visit
Evaluator emails stakeholders with <ul style="list-style-type: none"> <li>• Information on CZMA evaluations</li> <li>• Evaluation questions</li> </ul>	2-7 days before site visit
Site visit with stakeholder meetings, public meeting, and exit meetings held	Varies, May – September 2017
Evaluation team meets to discuss initial findings	Evening before last day of site visit
Exit meeting held with program staff Exit meeting held with program and department leadership	Last day of site visit
Draft findings completed and reviewed internally by OCM	60-90 days after stakeholder and public meetings
OCM will email the program manager a copy of the recommendations and accomplishments and offer to hold a meeting to discuss before mailing the findings to agency leadership.	90-97 days after stakeholder and public meetings
Program reviews draft evaluation findings and receives copy of Summary Survey Report	28-day review period
Final Findings released by OCM	120 days after public meeting



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**ATTACHMENT B****9<sup>th</sup> Status Report on Round 2 Local Coastal Program Grants**

*The following is a summary of the work completed under the 13 Local Coastal Program Grant agreements (listed from North to South) awarded in Fiscal Year 2014-2015 from April 1, 2015 through October 31, 2017. Funds spent up to October 31, 2017 total \$1,555,257.37 of \$2,015,750.00 awarded.*

**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 has continued to coordinate closely with local planning groups and regional stakeholders such as the Humboldt Bay Sea Level Rise Adaptation Planning Working Group (Task 1). A working draft Vulnerability Assessment has also been prepared and is undergoing internal review by County staff (Task 2). The County also continues to update the baseline conditions by editing the background portions of the Humboldt Bay Area Plan (Task 2). In preparation of developing SLR policy options (Task 4), the County continues to review the Commission's SLR policy guidance and has coordinated with its public works department to obtain input on risk assessment approaches related to hazard mapping. Public outreach has also been maintained through 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 the National Oceanic and Atmospheric Administration 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 amended its grant agreement to extend its work program until December 2018.
- **Grant Term:** April 27, 2015 – December 31, 2018

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; 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 coordinating with targeted stakeholders over the LCP update process, including through public informational sessions and regular updates to the Planning Commission and the City Council (Task 1). As part of the City’s Climate Change planning efforts (Task 2), a draft Climate Change Vulnerability Report has been completed and made available to the public. The City is now working on identifying where Climate Change is already addressed in the LCP and is drafting additional policies and recommendations based on the Vulnerability Report to incorporate into the LCP (Task 2). The City has also completed and submitted a draft of its Needs Assessment for the Implementation Plan (Task 3), while consultation with Tribal entities for the purpose of incorporating the Tsurai Management Plan into the LCP continues (Task 4). The City has also coordinated with relevant stakeholders in the development of policies and regulations for the Trinidad Harbor Area of Deferred Certification, with a stakeholder contact list developed and research on Tribal Trust transfer issues drafted (Task 5). For its work on updating the LCP (Task 6), the City continues to update individual LCP policies, including policies related to public access and recreation.
- **Grant Term:** April 13, 2015 – October 31, 2018

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 include a public engagement meeting held in May 2017. 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. The City and County has also developed draft policy language for its LCP Amendment and submitted a draft to the Planning Commission and Coastal Commission in May 2017 (Task 3). For the approval process of the LCP Amendment, the City and County has submitted its Planning Commission Hearing Packet, which was approved in March 2017. The City and County is currently working with Commission Staff on potential revisions prior to adoption by the City Council (Task 4). Lastly, the City and County is working with LCP Grant staff to extend the grant work program into early 2018 to allow for additional time to complete the local hearing and adoption process.
- **Grant Term:** May 1, 2015 - December 31, 2017

**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 and its submittal to the Coastal Commission.
- **Work Completed:** As part of its effort to develop a robust outreach program during the LCP grant project (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 held informational sessions as needed with the City's Planning Commission and City Council to discuss the LCP planning process. 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. The City has also 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 completed and includes alternative LCP policies, including adaptation measures, to address Climate Change. The City has also completed an administrative draft LCP Outline, a draft Land Use Plan and continues to refine the LCP in preparation of releasing the Public Review Draft LCP (Task 6). An administrative LCP draft is also being revised with Commission Staff in anticipation of submitting the LCP to the City's Planning Commission and City Council. Lastly, the City is working with LCP Grant staff to extend the City's grant schedule into early 2018 to allow for additional time to complete the local hearing and adoption process.

- **Grant Term:** May 1, 2015 - December 31, 2017

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 has continued with its outreach and regional coordination efforts to support LCP policy development, including bi-monthly meetings with Commission staff (Task 1) and GPAC meetings to solicit input from intergovernmental stakeholders, as well as the public (Task 2 and Task 3). Recently, such meetings included final discussion of the Community Baseline Assessment, presentation of the draft Sea Level Rise Adaptation Report, draft LUP map and land use designations, and discussion of the City's Zoning Code update. For the City's SLR Vulnerability Assessment funded by the OPC (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 also been incorporated throughout the Community Vulnerability and Resilience Assessment (CVRA). The City has also conducted its economic and market analysis, which is included as Chapter 5.0 of the CBA and is integrated throughout the CVRA. For its evaluation efforts pertaining to developing a strategy to create the LCP/GP (Task 6), the City has drafted the key issues and policies report, as well as a draft land use map and land use designations. The City has also commenced with its consistency analysis between existing General Plan land use classifications and zoning districts as part of its preparation of the Land Use Plan, with land use alternatives completed and an administrative draft of the LUP now complete (Task 7). The City has also continued working on its Implementing Ordinances (Task 8), with the draft administrative provisions of the Zoning Code undergoing internal review by City staff during this past quarter.
- **Grant Term:** June 1, 2015 - April 30, 2019

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 phase 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 its most recent stakeholder meeting held in September 2016. In completing the regional resource database (Task 3), the County has collected a variety of information that was digitized into ArcGIS data, including data on demographics, critical infrastructure, coastal habitats, and economic data related to potential 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 has now been updated to include phase II methodology and information, with the Final Technical Report submitted to the County Board of Supervisors in September 2016. For its analysis of the social, economic, and ecological conditions (Task 6) through the mapping application produced in Task 5, the County has also completed mapping habitat data with different SLR scenarios and Census block demographic data combined with economic data. These maps are included within the Coastal Hazard Vulnerability Assessment (Task 7), in which the County 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 final Vulnerability Assessment was submitted to Commission staff in December 2016. The County also held numerous workshops to discuss new and existing coastal hazard policies and adaptation strategies with the public (Task 8), with the report on Stakeholder Input integrated within the Vulnerability Assessment. The County has also completed its draft LCP Amendment (Task 9) having 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. The draft LCP was submitted to Commission staff in November 2016, with comments from Commission staff provided to the County in January 2017. The draft LCP is now being finalized with Commission staff input (Task 10) and is undergoing environmental review at the local level (Task 11).
- **Grant Term:** June 18, 2015 – December 31, 2017

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:** The City of Oxnard has continued with its regional coordination and public outreach efforts (Task 1) by discussing the results of the recently completed vulnerability assessment (Task 2) with members of the public as well as the Agency Stakeholder Committee (ASC) and Technical Advisory Committee (TAC). Administrative drafts for each LCP Planning Area have also been completed and were submitted to the Commission in May 2017 (Task 3). Commission staff provided comments on these administrative drafts in July 2017; the City is now incorporating its revisions and anticipates to complete a full draft LUP (Task 5) by May 2018. For its efforts on preparing SLR Adaptation Policies and Programs (Task 4), an administrative draft of the Adaptation Strategy Report was completed and submitted to Commission staff. The City also continues to work with the County Harbor Department in regards to Harbor development that will require both a Public Works Plan amendment and a City LCP amendment. The City has also coordinated with Coastal Commission Staff regarding the City’s moratorium on new power plants, and with the Coastal Conservancy regarding the cleanup of Ormond Beach.
- **Grant Term:** June 1, 2015 – March 1, 2019

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

- **Project Summary:** The City of Santa Monica will produce a revised Land Use Plan to 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 outline, assessing climate change vulnerability, and developing policies to address potential threats from sea level rise (SLR) and climate change. In conjunction with the LUP update under this grant project, the City will complete its Implementation Plan under a separate grant awarded by the Coastal Commission in August 2016.
- **Work Completed:** The City of Santa Monica has prepared a detailed scope of work as part of its Project Initiation task (Task 1). The City has also completed its data gathering, research and 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. A project website has also been created as part of the City’s community outreach efforts (Task 3), while outreach meetings with neighborhood, civic, and business organizations have been held as part of the City’s Phase I outreach efforts, which are now complete (Task 3). Outreach under the second phase of the grant project coincides with the development of the draft LUP and will include three outreach activities on the topics of SLR, transportation, access to the beach area, and endangered species protection. The City has also completed its draft annotated LUP policies (Task 4) and has completed all LUP chapters, which are currently being revised by the City in tandem with Commission staff (Task 5) before the public draft LUP will be released.
- **Grant Term:** April 13, 2015 – July 31, 2018

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

- **Project Summary:** The City of Los Angeles will prepare an update to the certified Venice Segment Land Use Plan (LUP) based on work completed as part of a grant that the City received from the Coastal Commission in fiscal year 2013-14 (Round 1). The grant project consists of updating the Land Use Plan (LUP) and preparing a draft outline for the Implementation Plan (IP), as well as public outreach and the preparation of a sea level rise (SLR) vulnerability assessment for the Venice segment.
- **Work Completed:** The City of Los Angeles initiated its grant project by developing and maintaining a project website that is updated periodically with public outreach announcements and background information on Venice (Task 1). A first public workshop was completed in August 2016 on the policy objectives of the Venice LCP and on sea level rise. More recently, a public workshop on Mass, Scale and Character was held in March 2017 and again in August 2017 to collect preliminary input on existing and proposed LUP policies (Task 1). The City has also continued holding LCP Technical Advisory Group (TAG) meetings, as well as regional coordination through the Adapt LA project (Task 1). For the Venice LUP update (Task 2), the City has completed a SLR scope of work, a policy matrix and draft chapters on Planning and Land Use, Environmental Sensitive Habitat Areas, Water Quality Protection, and Public Access and Recreation (Task 2). For work related to the Implementation Plan outline (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.
- **Grant Term:** June 29, 2015 - April 30, 2019

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 its grant project and has a certified LCP as of January 30, 2017. Task 1 (Community Outreach) included the completion of the City's Public Review Draft of the Implementation Plan (IP) and its 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 held as needed. The IP was 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. The draft IP was reviewed by Commission Staff and presented to the Commission at the September 2016 hearing, thus completing Task 5. The IP was then adopted with suggested modifications by the City Council on November 8, 2016 (with a second reading on November 22, 2016) and transmitted to the Coastal Commission on November 29, 2016. At the Commission's January 2017 hearing, the City's LCP was certified.

- **Grant Term:** May 1, 2015 – April 30, 2017

#### 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 refined. County Staff has also held numerous public outreach events on the LCP update project, with a presentation on the project scope held for 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). Phase III of the public outreach process has also commenced, with local hearings for the LUP held following the County's revision of the draft LUP and its posting online in September 2016 (Task 4). For its development of an Implementation Plan (IP), the County drafted and submitted the draft IP to Commission staff for review, and posted the draft IP online (Task 5). The IP is set to be revised and completed by the end of 2017, with the working draft LCP reviewed concurrently (Task 6). The public review period (Task 7) has yet to commence, while the LUP has been approved by the County's Planning Commission (Task 8). Lastly, the County is exploring extending its grant an additional few months to provide for additional time to complete the grant project.
- **Grant Term:** May 1, 2015 – February 28, 2018



**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 (ADC) 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 AdaptLA webinars as part of its collaboration with regional stakeholders (Task 5). Following a series of SLR interviews with local stakeholders, as well as coastal resident surveys, a draft SLR Vulnerability Assessment was completed and released to the public in July 2017 and presented to the Planning Commission in August 2017 (Task 2); a revised, final SLR Vulnerability Assessment is anticipated to be completed in the next quarter. For the preparation of a draft LUP and IP (Task 3), the City has completed its LCP outline and commenced with drafting the LUP. The City has also continued reviewing internal drafts of the Zoning Ordinance chapters and has consulted with Commission staff on coastal zone boundary demarcations, as well as policies on lower cost overnight accommodations (Task 3).
- **Grant Term:** April 1, 2015 - April 30, 2018

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

- **Project Summary:** The City of Del Mar will prepare adaptation strategies to be incorporated into its certified LCP through an LCP Amendment that will be prepared under the City’s Round 3 LCP Grant project. Under the Round 2 LCP Grant, the City will examine 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.
- **Work Completed:** The City of Del Mar has completed its Round 2 LCP Grant following the completion of tasks 1-3. Under the project initiation task (Task 1), the City selected its consultant, established a Stakeholder Technical Advisory Committee (STAC), and developed a public involvement process (Task 1). The City then completed its Vulnerability and Risk Assessment using CoSMoS 3.0 (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 awarded in August 2016. The City also completed its Adaptation Plan (Task 3), and will incorporate final

revisions through a supplemental Hazards Analysis being prepared under the City's Round 3 LCP Grant that is currently underway. Tasks 4 through 7, which were not funded under the Round 2 LCP Grant, including the drafting of the LCP Amendment (Task 4), city public hearings (Task 5), submittal of the LCP Amendment to the Commission (Task 6), and coordination with Commission staff (Task 7), will continue through the City's Round 3 LCP Grant.

- **Grant Term:** April 16, 2015 - October 31, 2017

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## ATTACHMENT C

### 3<sup>rd</sup> Status Report on Round 3 Local Coastal Program Grants

*The following is a summary of the work completed under the 14 Round 3 Local Coastal Program Grants awarded in August 2016 (listed from North to South) from December 15, 2016 through October 31, 2017. Funds spent up to September 30, 2017 total \$441,054.93 of \$2,476,011 awarded.*

#### 14) City of Pacifica – Grant Total \$188,00

- **Project Summary:** The City of Pacifica will update its Local Coastal Program (LCP) by incorporating findings from a Sea Level Rise Vulnerability and Risk Assessment and Adaptation Plan. The City will assess vulnerabilities and risks to key infrastructure, coastal resources and populations as a result of sea level rise, flooding, and erosion. Utilizing the Our Coast Our Future tool, three sea level rise scenarios will be studied, while erosion potential will be evaluated using data from the Pacific Institute. The City will evaluate sea level rise strategies and compare how they address identified vulnerabilities and risks. This evaluation will include an in-depth assessment of the costs and benefits of implementing each strategy, including the costs and benefits related to recreational and ecological values of beaches and other coastal resources, along with consideration of community input. The City will also consult with San Mateo County and leverage the County's Sea Change SMC strategies to identify how the City and County can work together to implement strategies that protect the City and its resources. Identified adaptation approaches will be integrated into LCP policies and an updated LCP will be presented for local adoption and submittal to the Coastal Commission for certification, which will occur outside the grant term.
- **Work Completed:** The City of Pacifica issued a Request for Proposals for the grant project and has commenced with interviewing stakeholders to inform the Community Engagement Plan (Task 1). The City has also commenced with its Sea Level Rise Assessment (Task 2) by coordinating with Commission Staff on sea level rise scenarios and erosion data.
- **Grant Term:** 5/10/2017 – 12/31/2018

#### 15) City of Half Moon Bay – Grant Total \$85,000

- **Project Summary:** The City of Half Moon Bay will complete several technical studies that will be integrated into its LCP and General Plan update. The technical studies include assessments of the Land Use Plan with respect to buildout, transportation system performance, coastal resources, air quality, energy and climate change (including greenhouse gas emissions), infrastructure, and noise. The grant project also includes public outreach opportunities and finalization of the LCP through local hearings and adoption, as well as submittal of the LCP to the Commission for certification, which will occur outside the grant term.

- **Work Completed:** The City continues to revise its first public draft Land Use Plan (LUP) and is identifying additional technical studies that may be necessary. The Half Moon Bay City Council requested that the General Plan and LCP update be bifurcated such that the Local Coastal Land Use Plan can be prioritized over the General Plan Elements and the Local Coastal Implementation Plan. This change affects the previously anticipated environmental review process and will require an amendment to the grant project schedule, which the City is working on with Commission staff. In June and August 2017, the City's Planning Commission held several public meetings on four revised LUP chapters, including Coastal Access and Recreation, Cultural Resources, Coastal Hazards, and Scenic and Visual Resources.
- **Grant Term:** 1/17/2017 – 9/30/2018

**16) City of Morro Bay – Grant Total \$200,000**

- **Project Summary:** The City of Morro Bay will complete technical studies designed to ensure that priority coastal issues in Morro Bay are addressed in greater depth, while also establishing new and improving upon existing data resources to support future implementation of proposed LCP policies. These data resources will include: 1) a comprehensive update to and documentation for the City's Environmentally Sensitive Habitat Area (ESHA) map; 2) dynamic modeling of potential sea level rise scenarios, and commensurate adaptation strategies; 3) a comprehensive plan to address lateral access along the Embarcadero; 4) a detailed inventory and action plan for low-cost visitor serving accommodations; and 5) updates to existing sea level rise modeling as new best available science projections are identified. Findings from these additional studies will be incorporated into the City's LCP update, which is scheduled for local adoption in December 2018 as part of Plan Morro Bay, an integrated planning project which includes a General Plan update, LCP update, Zoning Code update, and Downtown Waterfront Strategic Plan.
- **Work Completed:** The City has completed its field reconnaissance of Environmentally Sensitive Habitat Areas (ESHAs) and has completed a draft report as part of the ESHA Map update (Task 2) and the Sea Level Rise Adaptation Strategy Modeling and Evaluation (Task 3). As part of the SLR Adaptation Strategy (Task 3), the City has completed a draft report on potential SLR adaptation measures, which has been reviewed by the City's General Plan Advisory Committee and is now under Commission staff review. The City has also continued drafting a memo and identifying information gaps as part of the Bayside Lateral Coastal Access Plan (Task 4), with draft policies included in the Administrative Draft Plan Morro Bay that is currently under review by City staff. The City has also developed a methodology for addressing existing low-cost visitor serving accommodations (LCVSA) by examining case studies, existing policies, and Coastal Commission guidance as part of its LCVSA inventory and implementation strategy (Task 5).
- **Grant Term:** 2/27/2017 – 12/31/2018

**17) City of Santa Barbara – Grant Total \$285,892**

- **Project Summary:** The City of Santa Barbara will develop a draft Local Coastal Program (LCP) amendment to incorporate information from a comprehensive Sea Level Rise (SLR) Adaptation Plan that will build off of prior SLR planning work under the Commission’s Round 1 LCP grant. The City will review additional modeling products for applicability and complete an analysis of impacts and feasible adaptation strategies for low-lying and coastal bluff areas in the City’s coastal zone. This information will be synthesized with an economic analysis of a range of adaptation strategies to be used to draft policies and development standards for inclusion in the City’s Land Use Plan (LUP) and Implementation Plan (IP). This will be closely aligned with the City’s public outreach efforts. A draft LCP Amendment will be developed as part of the City’s grant project, with the final LCP Amendment and certification to occur outside the grant term.
- **Work Completed:** The City of Santa Barbara has commenced with its public outreach program (Task 1) by developing a stakeholder and interested parties list as well as LCP update materials to be distributed and published online, and preparing for a Public Outreach Event in November 2017. The City is also underway with its development of a Sea Level Rise Adaptation Plan (Task 2) having developed summaries for methodologies to be used in the Request for Proposal, which has been completed and released.
- **Grant Term:** 1/1/2017 – 4/15/2019

**18) City of Carpinteria – Grant Total \$150,000**

- **Project Summary:** The City of Carpinteria will develop a draft Land Use Plan (LUP) update to address Climate Change and Sea Level Rise (SLR). Grant work includes extensive public outreach and engagement; formation of a General Plan / Local Coastal Land Use Plan Committee to guide the update process; and development of technical studies, including a SLR Vulnerability Assessment and Adaptation Plan. The technical studies will examine policies that protect public access to beaches, parks and other recreational facilities, climate adaptation strategies along the coast and creeks to ensure resiliency, the promotion of a healthy quality of life for residents and visitors to the community, and sustainable economic planning to ensure long-term success of all strategies and goals. The grant project will also include a comprehensive policy update, as well as the development of updated maps and diagrams. The final LUP update, including local adoption and a zoning code update, will be completed outside the grant term.
- **Work Completed:** The City has completed its initiation task related to grant execution and City Council approval of the GP/LCP Committee (Task 1), as well as selecting a consultant for the grant project (Task 2). As part of the City’s identification of active participants and stakeholders (Task 3), the City has selected a project manager and has drafted and contacted an initial list of stakeholders. The City also held Stakeholder and Participant Meetings (Task 4) in July, August and September 2017. The City has also provided Committee and Coastal Commission staff with historic documents for review (Task 5), including the City Mission Statement, Baseline GP/LCP, Legal Requirements, local, state and federal requirements, forecasts, and related data and surveys. Lastly, the City has completed its review of existing relevant climate change and sea level rise studies, as part of the City’s preparation of a Sea Level Rise Vulnerability Assessment and Adaptation Plan (Task 6). An administrative draft of the Sea Level Rise Vulnerability Assessment is anticipated to be completed by the end of December 2017.
- **Grant Term:** 3/22/2017 – 2/1/2019

**19) County of Ventura – Grant Total \$225,000**

- **Project Summary:** The County of Ventura will update its Local Coastal Program (LCP) by addressing the effects of Sea Level Rise (SLR). Grant-funded work will include development of a Coastal Hazard Vulnerability and Risk Assessment that uses the Nature Conservancy’s SLR modeling tool, the FEMA web mapper, and other data sources as necessary and applicable; development of adaptation strategies based on the findings of the vulnerability assessment as well as stakeholder outreach and coordination with Commission staff; and development of an amendment to the County’s Land Use Plan (LUP) to address SLR. Local adoption and Commission certification of the LCP update will occur outside the grant term.
- **Work Completed:** The County completed its Project Initiation (Task 1) by executing the grant agreement and developing the consultant Request for Proposals (Task 1), with a consultant hired in May 2017. The County has also completed gathering data on coastal resources and existing development for the purpose of developing a Coastal Hazard Vulnerability and Risk Assessment (Task 2). Determining the range of sea level rise projections to be used for specific LCP planning areas has also been completed. County Staff has also met internally and with other agencies, such as State Parks, to compile a list of adaptive strategies that have been used in the County; additional meetings with the Public Works Director, the Navy Base, and the Nature Conservancy have also been held with regards to identifying adaptive strategies.
- **Grant Term:** 3/22/2017 – 5/31/2019

**20) City of Santa Monica – Grant Total \$100,000**

- **Project Summary:** The City of Santa Monica will prepare and complete a draft Local Coastal Program (LCP) Implementation Plan (IP) for City Council adoption and submittal to the Coastal Commission. The grant project will entail increased community outreach through public meetings, local government study sessions, and public comment periods to inform the IP development process, and will coincide with the City’s Round 2 grant project in which the City is updating its Land Use Plan (LUP).
- **Work Completed:** The City initiated the grant project by executing the grant agreement and developing the consultant Request for Proposals (Task 1). Work on the Implementation Plan (Task 2) is set to commence in early 2018, as the public review draft LUP being prepared under the City’s Round 2 LCP Grant is finalized and released.
- **Grant Term:** 1/19/2017 – 9/30/2019

**21) City of Hermosa Beach – Grant Total \$135,899**

- **Project Summary:** The City of Hermosa Beach will develop an Implementation Plan (IP) and incorporate findings from additional technical studies into its Local Coastal Program (LCP). The City will build off of its Round 1 LCP work, which resulted in the drafting of an updated Land Use Plan (LUP) in conjunction with the City’s ongoing work to update its General Plan (together, *PLAN Hermosa*), by refining its LUP (and initiating a targeted LUP amendment if needed) and by carrying out additional technical analyses on three topic areas: sea level rise (SLR), affordable accommodations, and parking. The City will also implement a public outreach program to support LCP development and will submit the IP to the Commission, with certification to occur outside the grant term.

- **Work Completed:** The City of Hermosa Beach executed its grant agreement and is currently working on revising the Draft LUP (Task 4) before substantive work commences on the Implementation Plan. For the City's development of technical studies on Sea Level Rise, Parking Management and Affordable Accommodations (Task 3), the City has inventoried parking data related to private parking in the Coastal Zone.
- **Grant Term:** 6/5/2017 – 5/30/2019

**22) City of Seal Beach – Grant Total \$200,000**

- **Project Summary:** The City of Seal Beach will develop its first Local Coastal Program (LCP) for submittal and Commission certification. Grant work includes a community outreach program; development of a Sea Level Rise (SLR) Vulnerability Assessment and Adaptation Plan; preparation of LCP drafts and maps (including a programmatic inventory of biological and wetland resources); local adoption of the LCP, and submittal of the LCP to the Commission for certification.
- **Work Completed:** The City of Seal Beach's grant agreement has not yet been executed; accordingly, no work under the grant was completed to date.
- **Grant Term:** Not yet finalized

**23) City of Dana Point – Grant Total \$135,000**

- **Project Summary:** The City of Dana Point will amend its Local Coastal Program (LCP) to incorporate findings from a Sea Level Rise (SLR) Vulnerability and Risk Assessment. The City will conduct its Vulnerability Assessment according to recent SLR scenarios and by using the latest data and modeling, including CoSMos 3.0. Grant work will also include public and stakeholder outreach; development of a Coastal Resource Database including information on infrastructure and assets, habitats, and coastal armoring; a Risk Assessment for infrastructure, economic, and ecological resources including development of possible adaptation measures and a qualitative evaluation of the costs and benefits of various strategies; and development of the draft LCP amendment for submittal, with certification to occur outside the grant term.
- **Work Completed:** The City of Dana Point recently issued a Request for Proposals and selected its Consultant in June 2017, with the City Council awarding the consultant contract in August 2017 (Task 1). As part of the City's efforts to develop a Coastal Resource Database (Task 2), City Staff has reached out to Commission Staff, the County of Orange, the South Coastal Water District, and State Parks to gather relevant data sets for the consultant team to assist in their analysis and work on the Vulnerability Assessment. A public and stakeholder outreach kickoff meeting (Task 3) has also been scheduled for early 2018. Lastly, the City has commenced with its data collection and modelling of SLR hazard scenarios (Task 4).
- **Grant Term:** 6/19/2017 – 12/31/2018

**24) City of San Clemente – Grant Total \$135,000**

- **Project Summary:** The City of San Clemente will submit its Land Use Plan (LUP) to the Commission for certification and develop its Implementation Plan (IP). Grant work will include possible revisions to the LUP; further development of existing Sea Level Rise (SLR) studies based on best available science, including the City’s Vulnerability Assessment; and the drafting and development of the City’s IP, which will incorporate implementation measures based on the findings of the SLR studies. The City will also conduct public outreach meetings and workshops focused on the SLR studies and IP draft, as well as executing a targeted LUP amendment to incorporate SLR findings. Following submittal of the IP to the Commission, certification will occur outside the grant term.
- **Work Completed:** The City held internal kickoff meetings to commence the grant project, as well as numerous meetings with Commission staff to discuss grant project processes and LCP issues, including a recent meeting in August 2017 (Task 1). The City also received preliminary comments from Commission staff on various chapters of its LUP and has scheduled an initial, non-voting public hearing with the Coastal Commission at the December 2017 hearing; a final public hearing for Commission approval of the LUP will occur in February 2018 (Task 2). The City has also incorporated Commission staff comments and updated CoSMoS data into its draft SLR study (Task 3), while public notices have been drafted and mailing lists prepared for the purpose of publicizing the SLR study and the draft IP (Task 4). Lastly, the City has commenced with drafting the IP map and IP graphics as part of the Draft IP (Task 5), but this task is progressing slowly pending review of all LUP chapters.
- **Grant Term:** 3/13/17 – 2/1/2019

**25) City of Oceanside – Grant Total \$200,000**

- **Project Summary:** The City of Oceanside will update the City’s Land Use Plan (LUP) with a focus on planning for Sea Level Rise (SLR). The City will prepare a coastal hazards vulnerability assessment and a separate adaptation plan in conjunction with the City’s participation in the coastal hazard vulnerability assessment now being prepared by Local Governments for Sustainability (ICLEI). The City will also prepare an economic and fiscal impact analysis as part of the adaptation plan to estimate the costs of coastal hazard impacts as well as the costs of adaptation strategies and implementation measures. Numerous public outreach meetings and workshops will also be held, including two public workshops to allow the public an opportunity to review and provide input regarding the City’s SLR work. The LUP will be finalized based on the results of its SLR technical analyses, community and intergovernmental input, and in coordination with the City’s General Plan, namely the Economic Development and Energy/Climate Action elements. Following submittal and certification of the LUP during the grant term, the City will undertake an update to the Implementation Plan (IP) outside the grant term.
- **Work Completed:** The City of Oceanside commenced with its grant project by holding a kickoff meeting and selecting a consultant for the duration of the grant project (Task 1 and 2). The City has also commenced with its Coastal Hazard Vulnerability Assessment and Adaptation Plan (Task 3), with City staff having reviewed the ICLEI Vulnerability Assessment and the consultant having collected data to support the analysis. As part of the City’s public outreach (Task 4), the City has developed a webpage and solicited input from online surveys; furthermore, a public workshop has been scheduled for Spring of 2018 while a list of stakeholders for interviewing is being prepared.
- **Grant Term:** 4/27/2017 – 12/31/2018



**26) City of Del Mar – Grant Total \$211,220**

- **Project Summary:** The City of Del Mar will supplement its Round 2 LCP grant project with additional technical studies, including supplemental hazard analyses, a sediment management plan, and a San Dieguito Lagoon wetland habitat migration assessment. For the supplemental hazard analyses, the City will review the final results of CoSMoS 3.0, compare CoSMoS results to the supplemental analysis for Del Mar, and incorporate the CoSMoS results into the hazard analyses as appropriate. The Sediment Management Plan will identify “soft” sediment management solutions to protect development and coastal resources, including beach nourishment, dune management, San Dieguito River Lagoon mouth and channel dredging (for river flood management and beneficial reuse of dredge material for beach nourishment), and integration with the San Diego Regional Sediment Management Program. For the San Dieguito Lagoon wetland habitat migration assessment, the City will assess the potential for wetland habitats to migrate upstream and to upland areas adjacent to the Lagoon to complete the wetland vulnerability assessment and develop adaptation measures that facilitate habitat migration and avoid habitat disruption. Throughout the grant project, the City will also hold public outreach events to inform the development of these technical studies. Following the completion of these technical studies, the findings of the supplemental SLR analyses will be incorporated into the LCP Amendment scheduled to be completed during the City’s Round 2 grant.
- **Work Completed:** The City of Del Mar has hired a consultant and has been working on the Supplemental Sea Level Rise Hazard Analysis (Task 1). The final updated Hazard Analysis is anticipated to be completed by February 2018, with the Adaptation Plan currently undergoing additional review. For the City’s Sediment Management Plan (Task 2), the City has continued with its analysis and anticipates a draft outline to be completed by December 2017. The City has also commenced with its draft assessment outline as part of the San Dieguito Lagoon Wetland Habitat Migration Assessment (Task 3). Lastly, the City is working on an amendment to its Round 3 LCP Grant to incorporate tasks from its Round 2 LCP Grant, specifically tasks on LCP Amendment Drafting, City Public Hearings, LCP Amendment Submittal, and Coordination with Commission Staff.
- **Grant Term:** 12/20/2016 – 9/30/2018

**27) City of Imperial Beach – Grant Total \$225,000**

- **Project Summary:** The City of Imperial Beach will update its Local Coastal Program (LCP), with special emphasis on Climate Change and Sea Level Rise (SLR). The grant project will build on a number of local and regional efforts to understand and address sea level rise issues that are either completed or underway, including the San Diego Bay Sea Level Rise Adaptation Strategy and the Climate Understanding and Resilience in the River Valley Project. Grant work will include translation of SLR adaptation strategies into LCP policy language; a public outreach program consisting of workshops and regional collaboration efforts to inform the update process; Land Use Plan (LUP) and Implementation Plan (IP) updates to address sea level rise as well as other Coastal Act issues; and submittal of the LCP update for adoption and certification, with certification likely to occur outside the grant term.

- **Work Completed:** As part of its initial tasks to commence the grant project, the City has selected its consultant (Task 0) and refined its Work Plan and Issues Analysis Report (Task 1). The City has held a Steering Committee meeting in July 2017 as part of the Land Use Plan Update (Task 2). The City has also prepared internal drafts of LUP chapters, including on Land Use, Mobility, Conservation/Ecotourism, Parks and Recreation, and Coastal Access.
- **Grant Term:** 2/24/2017 – 12/31/2018