

CALIFORNIA COASTAL COMMISSION

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June 7, 2019

TO: California Coastal Commission and Interested Parties

FROM: John Ainsworth, Executive Director

SUBJECT: Executive Director's Report, June 2019

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

LCP Program Status – San Diego County (SP Goal 4)

The San Diego county coastal zone, extending south from the Orange County line to the Mexican border, is rich in resources and geographic diversity. The County shoreline, including the shoreline of San Diego Bay and Mission Bay but excluding the lagoons, is approximately 167 miles long. It contains a wide variety of significant coastal resources including major state and local beaches, marine terraces, bluffs, coastal marshes, estuaries, lagoons, canyon-cut mesas, seaside beach communities, significant urban development, state university campus lands, cultural resources, recreational harbors, and the Port of San Diego, one of the four ports identified in Chapter 8 of the Coastal Act. There are also major federal lands within the county, including Camp Pendleton Marine Corps Base, numerous U.S. Navy facilities adjacent to San Diego Bay (such as the North Island Naval Air Station, Naval Amphibious Base, Naval Station San Diego and Naval Submarine Base), as well as the Tijuana River National Estuarine Research Reserve (NERR).

The coastal zone area totals approximately 137 square miles of the County's 4,526 square miles of total land area. The unincorporated coastal area of San Diego County contains no lands along the oceanfront, but the county coastal area includes the shoreline of 10 cities: Oceanside, Carlsbad, Encinitas, Solana Beach, Del Mar, San Diego, Coronado, National City, Chula Vista, and Imperial Beach.

LCPs for all but four jurisdictions or segments have been certified. The certified LCPs, some with several segments, were certified from 1986 through 2001. The Port Master Plan for the Port of San Diego was certified in 1980. Not yet effectively certified are San Diego County, the City of Carlsbad Agua Hedionda segment, the City of Solana Beach, and the Mission Bay segment of the City of San Diego. The San Diego County Land Use Plan was approved with modifications by the Commission in May 2017. The County accepted the Commission's suggested modifications in September 2018; and in December 2018, the Commission concurred with the Executive Director's determination that the County's action was adequate, thus certifying the LUP update. Currently, the County is continuing work to complete its Implementation Plan. This work was undertaken with support from a \$52,000 LCP grant awarded by the Commission in FY 14/15, during its second round of LCP grant funding.

Some of the certified segments have been updated in whole or in part. The Carlsbad Village Redevelopment Area segment, the City of Chula Vista, and the City of Imperial Beach have been

comprehensively updated since initial certification. Within the City of San Diego, the San Ysidro Community Plan within the Tijuana River Valley, Ocean Beach, La Jolla, Pacific Beach and Centre City segments have been updated. Earlier this year, a comprehensive update was also completed for the Midway-Pacific Highway Community Plan within the City's Centre City segment and it was approved as submitted by the Commission. Several other segments have updated portions of either the LUP or Implementation Plan since initial certification. In 2015, the Commission also approved a regional Public Works Plan sponsored by Caltrans and SANDAG that includes transportation related infrastructure improvements and resource enhancements and spans 27 miles of north San Diego County. No update has yet occurred in the cities of Oceanside, the bulk of Carlsbad, Encinitas, Del Mar, Coronado or National City.

In May 2017, the Commission approved a Land Use Plan amendment with modifications from the City of Solana Beach that incorporates a methodology for calculating a Public Recreation Fee for blufftop property owners with coastal structures. This work was undertaken with the support of a \$120,000 Round 1 LCP grant from the Coastal Commission. The City requested and the Commission granted a one-year time extension to consider the suggested modifications for this item; and on November 13, 2018, the City Council accepted the Commission's modifications. In November 2018, the Commission concurred with the Executive Director's determination that the City Council's action was adequate, thus certifying the LCP amendment.

Additional LCP update planning is underway at the local level for the County of San Diego, the City of San Diego, the City of Carlsbad, the City of Del Mar, the City of Oceanside, the City of Imperial Beach, and for the Port of San Diego Port Master Plan. Coordination meetings with local governments have been expanded and Commission staff has worked to provide early comments on appealable developments, major development proposals or environmental assessments that raise coastal resource concerns. To date, in this calendar year, the Commission has approved four LCP amendments within the San Diego District.

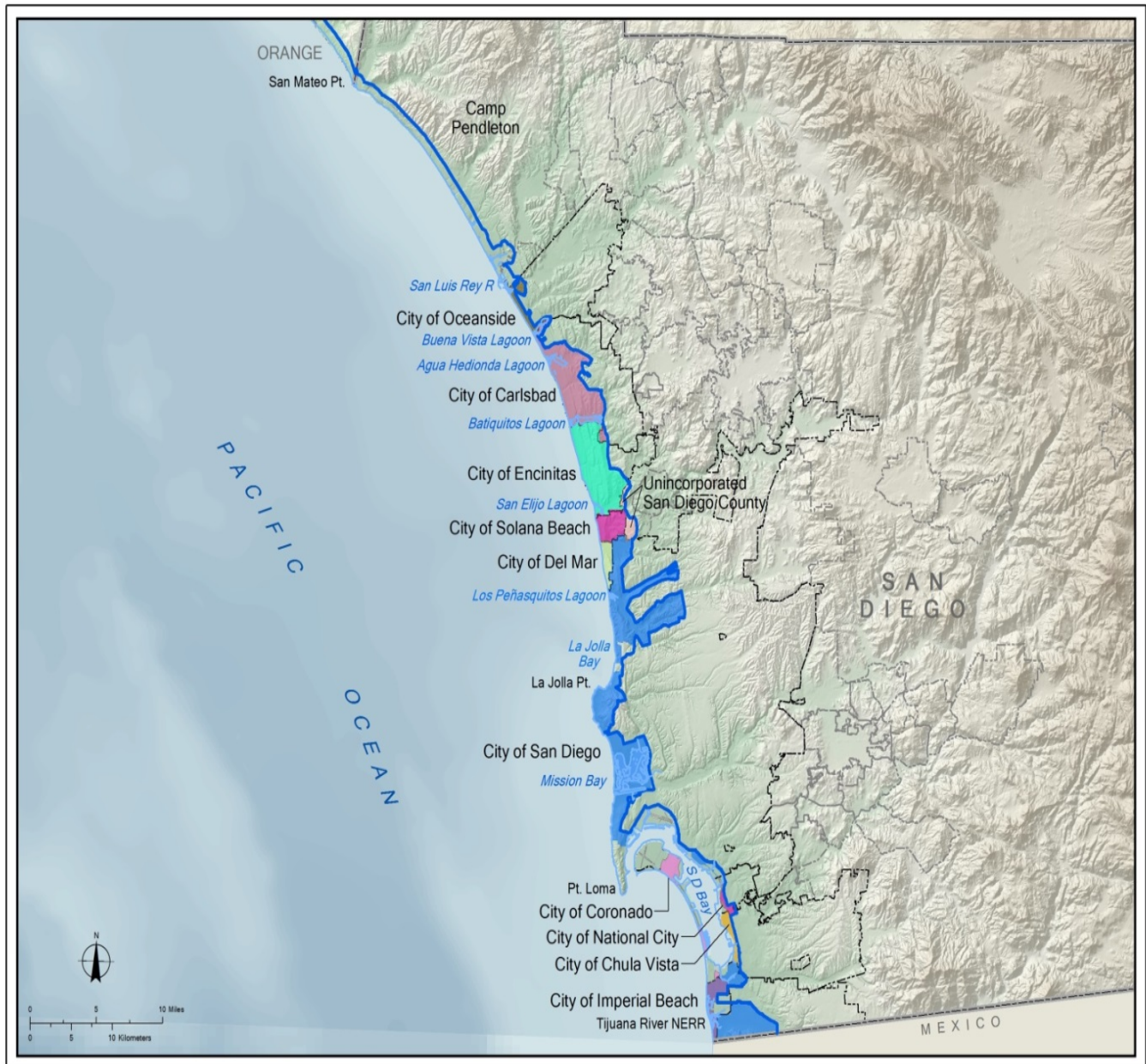
In FY 14-15, the Commission awarded a second round of LCP grant funding to 14 local governments, including two cities within San Diego County: Carlsbad and Del Mar. Both cities completed their grant-funded work by April 2019 when the grant term ended. The City of Carlsbad received a \$48,000 LCP grant in association with an \$180,000 OPC grant to be directed toward a comprehensive Sea Level Rise analysis that would be integrated into an entire update and consolidation of the City's LCP, including certification of the currently uncertified Agua Hedionda Lagoon segment. The City of Del Mar also received a \$100,000 OPC grant to fund Sea Level Rise analysis and adaptive management alternatives along with the development of an LCP amendment.

In FY 15-16, the Commission awarded a \$200,000 LCP grant to the City of Oceanside, and a \$225,000 LCP grant to the City of Imperial Beach as part of the Commission's third round of LCP grant funding. Both LCP grants support funding to comprehensively update Oceanside's and Imperial Beach's LCPs to address sea level rise. To date, the City of Oceanside has completed its Coastal Hazard Vulnerability Assessment, while the City of Imperial Beach has completed its draft LUP and IP updates. The City of Del Mar also received a Round 3 LCP grant for \$211,200 to fund additional sea level rise-related technical studies necessary to support the City's ongoing LCP update activities. The City has completed its technical documents, including the Supplemental Hazard Analyses, Sediment Management Plan, and Lagoon Wetland Habitat Migration Assessment. In December 2018, Del Mar submitted its LCP amendment. A one-year

time extension for Commission action on the submittal was granted on February 7, 2019, so the final date by which action must be taken is March 17, 2020.

Lastly, the Commission awarded the City of San Diego \$100,000 as part of the Commission's fourth round of LCP grant funding that was approved in August 2017. Under the grant, the City has prepared a Coastal Erosion Assessment that will inform the development of a Sea Level Rise Vulnerability Assessment and Hazards Map. Based on the findings of this work, the City will draft LCP policies that address the impacts of the identified coastal hazards.

Figure 1. San Diego County Coastal Zone LCP Jurisdictions



Meetings and Events

Audubon Workshop - Solving Policy Problems to Advance Eelgrass Protections

On May 30, Cassidy Teufel (Energy & Ocean Division) and Dr. Lauren Garske-Garcia (Ecology Group) participated in a daylong workshop in Tiburon, hosted by Audubon California. The event was titled "Solving Policy Problems to Advance Eelgrass Protections" and brought together a variety of agencies and stakeholders involved in managing sensitive eelgrass habitat throughout Northern California. Discussions reflected on current policies and management strategies, technical needs, and emerging issues such as spatial constraints with aquaculture and adaptation to climate change including sea level rise, carbon sequestration, and ocean acidification, with a goal of promoting coordination and guiding broader efforts to benefit these valuable ecosystems.

Santa Cruz Coastal Rail Trail - Trestle Trail Segment

Central Coast-District staff attended the ribbon cutting for the "*Coastal Rail Trail Trestle Trail*" project, to celebrate the completion of the first segment of the Coastal Rail Trail project within Santa Cruz County (this segment is in the City of Santa Cruz over the San Lorenzo River). The previous trestle path was only four feet wide, which led to conflicts between users (especially those on bikes or with strollers). New trestle path is ten feet wide. The Commission approved a coastal development permit in 2018 for the new trail segment.



Old 4' Wide Bridge



New 10' Wide Bridge

Commission Public Education Events (SP 7.3)

Coastal Clean-Up Day -Regional Coordination Meetings

On May 21st and 29th, Public Education staff hosted regional coordinator workshops in preparation for the 35th Annual California Coastal Cleanup Day, which is coming up on September 21. PE staff welcomed new regional coordinators and site captains, shared statewide guidance for cleanup communication and operation, and provided a sneak peek of this year's beautiful poster artwork. The group collectively shared lessons learned and best practices while brainstorming how to make this year's cleanup the best one yet. A third regional coordinator workshop will be held in Sacramento on June 19.

Annual Kids Ocean Day Adopt-A-Beach cleanups

The annual Kids Ocean Day Adopt-A-Beach cleanups took place from May 15th - June 6th, starting in San Francisco and San Diego, which both had rain but kids had fun anyway, to Huntington Beach and then Los Angeles, where Commissioner Turnbull-Sanders represented the Commission, and ending in Humboldt County. Thousands of underserved students came out to enjoy the coast and make a difference at these events, which are sponsored by Whale Tail® grants.



Huntington State Beach

CSU East Bay's STEM Career Day

Staff participated in CSU East Bay's STEM Career Day for high school students on May 16, and San Francisco USD Sunset Elementary environmental festival on May 17.

California Coastal Bioblitz

The Public Education Program is helping to promote Snapshot Cal Coast, a California Coastal Bioblitz organized by California Academy of Sciences. The Bioblitz will be completed on June 17, so you still have time to download the iNaturalist app and take photos of coastal organisms - <https://calacademy.org/citizen-science/snapshot-cal-coast>

2019 California Coastal Art & Poetry Contest

The 2019 California Coastal Art & Poetry Contest exhibit is finishing its run at Point Reyes National Seashore on June 11 and will be on exhibit for two months at the Ford House Museum in Mendocino at the beginning of July.

Boating Clean and Green Program – Dockwalker Trainings

As part of the, staff conducted five Dockwalker trainings in May, in San Jose, Marina Del Rey, Stockton, San Pedro and Dixon. Dockwalkers help raise awareness about important boating practices related to oil, fuel, sewage, trash, and marine. Staff also conducted a Marina and Yacht Clubs Oil Spill Response Communication Workshop at the Dockweiler Youth Center in Los Angeles on May 3, in partnership with the Office of Spill Prevention and Response and the California Office of Emergency Services.

LCP Grants Status Update (SP 4.1 & 4.2)

The Commission has funded 37 local jurisdictions through five rounds of LCP Grant funding since 2013, for a total of approximately \$6.7 million through 50 LCP grants. Round 1 funded 11 local jurisdictions and is complete as of April 2016. All 13 Round 2 LCP grant projects are complete as of April 2019 (see [Attachment 1](#) - a final status report on Round 2 LCP Grants). For Rounds 3 and 4, all 21 LCP grant projects are fully underway through December 2019 (see [Attachment 2](#) - status report on Round 3 LCP Grants and [Attachment 3](#) - status report on Round 4 LCP Grants). For Round 5, all five LCP grant projects have been executed as of March 2019; accordingly, a status report will be provided during the next quarter.

Local Government Workshop

On Friday, July 12 (during the July Commission meeting), the Commission will be holding a joint Local Government Workshop with the League of Cities and the California State Association of Counties. The workshop will focus on sea level rise adaption and short-term rentals.

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**ATTACHMENT 1****15th Status Report on Round 2 Local Coastal Program Grants**

The following is a final 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 April 30, 2019. Funds spent up to April 30, 2019 total \$2,015,500.00 of \$2,015,750.00 awarded.

1) Humboldt County – Grant Total \$149,346.21

- **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:**
 - Regional Coordination (Task 1): Complete. Throughout the grant term, the County coordinated with the City of Eureka and Arcata, Commission Staff and other partner agencies, such as the Harbor District.
 - Baseline Conditions and Sea Level Rise Sensitivity Analysis (Task 2): Complete. The Humboldt Bay Area Vulnerability Assessment and the Diked Shoreline Sea Level Rise Adaptation Feasibility Study have both been completed and posted to the County's website.
 - Humboldt Bay-wide Tsunami Safety Planning and Policy Options (Task 3): Complete. The County completed a draft of its Tsunami Ready plan and Tsunami Policy Background Study. Both documents will be updated outside the grant term to address updates from the California Geological Survey's Probabilistic Tsunami Hazard Analysis to be released later this year.
 - Policy Options (Task 4): Complete. Sea level rise policies have been drafted. Additional revisions are ongoing as the County continues to incorporate updated information.
 - Industrial (coastal-dependent) Policy Options (Task 5): Complete. The County completed its Options for Industrial/Coastal-Dependent Land Use Changes, with further changes anticipated as the County continues to refine its LCP update outside the grant term.

- Finalize Updated LCP for Certification (Task 6): Complete. The County completed an administrative draft LCP update, with release of the Public Review Draft LCP Update and local adoption to occur outside the grant term.
- **Grant Term:** April 27, 2015 – April 30, 2019

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 completion of an administrative draft LCP update.
- **Work Completed:** The City of Trinidad has completed its grant project with the completion of an administrative draft LCP update.
 - Stakeholder Coordination (Task 1): Complete. The City completed its stakeholder coordination by providing regular updates to the Planning Commission and City Council.
 - Climate Change Planning (Task 2): Complete. A draft and final Climate Change Vulnerability Report has been completed and made available to the public. The City completed work on drafting and incorporating SLR-related policies and recommendations into the administrative draft LCP.
 - Needs Assessment for Implementation Plan (Task 3): Complete.
 - Tribal Consultation (Task 4): In Progress. A draft Cultural Resources Element of the Land Use Plan has been completed, as well as administrative draft regulations to implement the policies and recommendations of the draft Cultural Resources Element.
 - Policy Development for Trinidad Harbor ADC (Task 5): Complete. The City completed an update to its draft Harbor Area policies, as well as new administrative draft Harbor Area implementing regulations.
 - LCP Update (Task 6): Complete. The City completed an administrative draft LCP update, including Land Use Plan elements and Implementing Ordinances.
- **Grant Term:** April 13, 2015 – October 31, 2018

3) **City and County of San Francisco** – *Grant Total \$125,436.90*

- **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 grant project with the local adoption and submittal of its LCP Amendment to the Commission, which was approved by the Commission at the May 2018 hearing.
 - Public and Agency Engagement (Task 1): Complete. The City and County completed its Public and Agency Engagement Plan, including the engagement vision, goals, and objectives, which included establishing 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.
 - Existing Data and Analysis (Task 2): Complete. The City and County also completed a final draft of the Existing Data and Analysis summary, including technical LCP appendices.
 - Policy Development (Task 3) and Approval Process (Task 4): Complete. After working through numerous drafts of policy language, the City and County finalized its LCP Amendment and submitted it to the Planning Commission and Board of Supervisors in late December 2017 and January 2018 for local adoption.
- **Grant Term:** May 1, 2015 - December 31, 2017

4) **City of Monterey** – *Grant Total \$234,620.68*

- **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 draft LCP. The final, locally-adopted LCP, including its submittal to the Coastal Commission, will occur outside of the grant term.
- **Work Completed:** The City has completed its grant project with the completion of a draft LCP.
 - Consultant Project Management and Coordination (Task 1): Complete.
 - Public Outreach (Task 2): Complete. As part of the City's robust outreach program during the LCP grant project, 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.
 - Identify Existing Conditions (Task 3): Complete. The City completed its Existing Conditions Report 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.

- Establish LCP Visions, Goals, and Objectives (Task 4): Complete. The City completed its Vision, Goals and Objectives Report to represent the community's general direction on LCP planning topics.
- Develop Alternatives (Task 5): Complete. The Alternatives Report has also been completed and includes alternative LCP policies, including adaptation measures, to address Climate Change.
- Develop Policies, Program, and Implementation (Task 6): Complete. The City also completed an administrative draft LCP Outline, a draft Land Use Plan and a Public Review Draft LCP. The final, locally-adopted LCP, including its submittal to the Coastal Commission for certification will occur outside the grant term.
- Coordination with Commission Staff (Task 7): Complete.
- **Grant Term:** May 1, 2015 – January 31, 2018

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; and draft LUP and IP updates, with local adoption and certification of the LCP update to occur outside the grant term.
- **Work Completed:**
 - Coastal Commission Engagement (Task 1): Complete.
 - Intergovernmental Coordination (Task 2): Complete.
 - Public Outreach (Task 3): Complete. The City conducted five Planning Commission meetings and one GPAC meeting, as well as three community outreach workshops on the LCP update.
 - Sea Level Rise Vulnerability Assessment (Task 4): Complete. The City has completed its SLR Vulnerability Assessment and Adaptation Plan.
 - Issues, Opportunities and Constraints Study (Task 5): Complete.
 - Evaluation (Task 6): Complete. The City has completed the priorities and recommendations report as well as the guiding principles and key policies report.
 - Land Use Planning Documents (Task 7): Complete. The City completed an administrative draft of the LUP, as well as a Public Draft of Plan Morro Bay, which was released for public review in May 2018. Further updates to the LUP as well as local adoption and Commission certification will occur outside the grant term.
 - Implementing Ordinances (Task 8): Complete. The City completed a Public Review draft of the IP Update, which was submitted to Coastal Commission staff for review. Further updates to the IP as well as local adoption and Commission certification will occur outside the grant term.
- **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 has completed its grant project with the completion the Draft LCP Amendment under Task 10.
 - Project Kick-off (Task 1): Complete.
 - Modelling and Mapping Stakeholder Meetings (Task 2): Complete. Four stakeholder meetings were held between August 2015 and September 2016.
 - Update Regional Resource Database (Task 3): Complete. The County 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.
 - Update to Existing Policy and Planning Tool Database (Task 4): Complete. The County updated the database 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.
 - Model and Map Coastal Hazards (Task 5): Complete.
 - Analyze Social, Economic, and Ecological Conditions (Task 6): Complete. The County 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 prepared under Task 7.
 - Update the Coastal Hazard Vulnerability Assessment (Task 7): Complete. The County completed both a draft and final draft of the Coastal Hazard Vulnerability Assessment; the latter was submitted to Commission staff in December 2016.
 - LCP Community Stakeholder Meeting and Workshops (Task 8): Complete.
 - Develop New and Enhance Existing Coastal Hazard Policies (Task 9): Complete. The County completed its draft LUP Amendment 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 LUP was submitted to Commission staff in November 2016.
 - Coastal Commission Review (Task 10): Complete. The County submitted a revised draft LUP and an initial draft IP in June 2017. The draft LCP Amendment package is now being finalized while the County undergoes environmental review (Task 11) and local adoption (Task 12), both of which are not funded under the grant project.

- **Grant Term:** June 18, 2015 – December 31, 2017

7) **City of Oxnard** – *Grant Total \$174,346.21*

- **Project Summary:** The City of Oxnard will complete a comprehensive update to its Local Coastal Program (LCP), with local adoption and certification to occur outside the grant term. The grant project consists of interagency coordination and public involvement, the development of a Sea Level Rise (SLR) Analysis and Adaptation Policies Report, an update to the Land Use Plan (LUP), and an outline of the Implementation Plan (IP), with both the LUP and IP to be locally adopted and certified outside the grant term.
- **Work Completed:**
 - Public Outreach (Task 1): Complete. The City held numerous workshops throughout the grant term on LCP topics, including sea level rise.
 - Finalize Sea Level Rise Report (Task 2): Complete. The City completed the final draft of its Vulnerability Assessment and Economic Impact Report.
 - LCP Planning Areas Risk Assessments (Task 3): Complete. Administrative drafts for each LCP Planning Area have been completed.
 - Sea Level Rise Adaptation Plan (Task 4): Complete. The City completed a final draft of its Adaptation Strategy Report.
 - LCP Update (Task 5): Complete. A full administrative draft of the LUP was completed and submitted to Commission staff for review. The City also completed an outline of its IP.
- **Grant Term:** June 1, 2015 – April 30, 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 has completed its grant project with the completion of a locally-adopted LUP Update.
 - Project Initiation (Task 1): Complete.
 - Data Gathering, Research, and Analysis of Key Issue Areas (Task 2): Complete. The City has completed an LUP outline and memo identifying LUP areas in need of revision.
 - Community Outreach (Task 3): Complete. The City's outreach efforts have concluded with the completion of the final draft LUP.
 - Policy Proposal (Task 4): Complete. The City has completed draft annotated LUP policies.

- Administrative and Public Draft LUP (Task 5): Complete. The City completed both an administrative and public draft LUP update. The IP outline has not yet been prepared.
- Final Draft LUP and Public Hearings (Task 6): Complete. The Final Draft LUP was locally adopted in October 2018 and submitted to Commission staff as a request for certification on December 4, 2018. Certification is anticipated to occur by the summer of 2019.
- **Grant Term:** April 13, 2015 – December 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 completing an administrative update to the Land Use Plan (LUP) and preparing an administrative 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:**
 - Public Outreach (Task 1): Complete. The City completed eight public workshops centered on the LCP and sea level rise, as well as numerous meetings with its Technical Advisory Group.
 - Land Use Plan Revisions (Task 2): In Progress. The City completed a Sea Level Rise Vulnerability Assessment, as well as an administrative draft LUP.
 - Draft Outline for Implementation Plan (Task 3): Complete. The City completed an administrative draft outline of the IP, consisting of the proposed structure of the IP and the proposed streamlining of its permit process.
- **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.
 - Community Outreach (Task 1): Complete.
 - Finalize Implementation Plan (Task 2): Complete.
 - Commission Staff Coordination (Task 3): Complete.
 - City Public Hearings (Task 4): Complete. The final IP was approved by the City's Planning Commission and City Council in November 2015.
 - Coastal Commission Review (Task 5): Complete. Coastal Commission staff deemed the City's 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

- City Council Adoption (Task 6): Complete. The IP was 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.
- Certification (Task 7): Complete. 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 grant project will include preparation of an Existing Conditions Report addressing sea level rise vulnerabilities, as well as an update, local adoption, and Commission certification of the Land Use plan (LUP). A draft update of the Implementation Plan will also be completed, with local adoption and Commission certification to occur outside the grant term.
- **Work Completed:**
 - Project Preparation (Task 1): Complete.
 - Developing of Existing Conditions and Key Issues Report (Task 2): Complete. The County completed its Existing Conditions Report, including Climate Change Vulnerability Assessment.
 - Community Outreach (Task 3): Complete. Numerous outreach events were held for development and review of the LUP, with additional workshops to be held for the IP outside the grant term.
 - Development of Draft LUP (Task 4): Complete. The County completed its draft LUP, which was adopted with modifications by the Commission in May 2017. On September 12, 2018 the Board of Supervisors adopted the County's LUP and accepted the Coastal Commission's LUP Policy Modifications. The adopted LUP was then accepted as legally sufficient by the Coastal Commission in December 2018.
 - Development of Draft IP (Task 5): Complete. The County completed its draft IP.
 - Review Comments on Draft LCP and Revise (Task 6): Complete. The County adopted its LUP based on Commission suggested modifications. For the draft IP, the County reviewed and addressed Commission staff comments and released a Public Review Draft IP under task 7 outside the grant term.
 - Public Review (Task 7): Complete. The public review period for the final draft LUP was completed in 2018, before the County's LUP was certified in December 2018. A Public Review Draft IP was posted to the County's website in mid-May 2019.
 - Public Hearings and Submittal to Commission (Task 8): Complete. Commission certification of the locally-adopted LUP is complete as of December 2018. Local adoption of the IP update and submittal to the Commission for certification will occur outside the grant term.

- **Grant Term:** May 1, 2015 – December 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. The grant project consists of a Sea Level Rise Risk Assessment and draft updates to the Land Use Plan (LUP) and Implementation Plan (IP), with local adoption and Commission certification to occur outside the grant term.
- **Work Completed:**
 - Initiation and Outline (Task 1): Complete.
 - Sea Level Rise Risk Assessments (Task 2): Complete. The City completed a draft SLR Vulnerability Assessment that was released to the public in July 2017 and presented to the Planning Commission in August 2017; a revised, final SLR Vulnerability Assessment was completed in December 2017 and delivered to Coastal Commission staff in January 2018.
 - Draft Plans (Task 3): Complete. The City completed a draft LUP update in December 2018 and its IP update in March 2019. Local adoption will occur outside the grant term.
 - Coordination with Commission Staff and stakeholders (Task 4): Complete
 - **Grant Term:** April 1, 2015 – April 30, 2019

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.
 - Project Commencement (Task 1): Complete.
 - Assessment Preparation (Task 2): Complete. The City completed its Vulnerability and Risk Assessment using CoSMoS 3.0. 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.

- Adaptation Plan Development (Task 3): Complete. The City completed its Adaptation Plan 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 2****9th 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 March 31, 2019. Funds spent up to March 31, 2019 total \$1,771,314.26 of \$2,476,011 awarded.

1) 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:**
 - Project Launch (Task 1): Complete. A Request for Proposals was issued and a consultant selected in September 2017; the Community Engagement Plan has also been completed.
 - Assessment Preparation (Task 2): Complete. The City has completed both the Future Conditions Scenarios and the Critical Assets Inventory Memo. The Final Vulnerability Assessment was completed and released in June 2018 as Appendix A of the Preliminary Draft Adaptation Plan.
 - Adaptation Plan Development (Task 3): Complete. The City completed its final draft adaptation plan in September 2018.
 - Incorporate Vulnerability Assessment and Adaptation Plan Findings into LCP Framework (Task 4): In Progress. The City held a third public workshop and continues to update its LCP based on stakeholder and public input, as well as Commission staff comments.
 - City Public Hearings (Task 5): Not Started.

- **Grant Term:** 5/10/2017 – 12/31/2019

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

- **Project Summary:** The City of Half Moon Bay will prepare a biological resources technical study, which will produce essential vegetation and environmentally sensitive habitat area maps that will be integrated into its Land Use Plan (LUP) and General Plan update. The grant project also includes public outreach opportunities and finalization of the LUP through local hearings and adoption, as well as submittal of the LUP to the Commission for certification, which will occur outside the grant term.
- **Work Completed:**
 - Biological Resources Technical Study (Task 1): In Progress. The City has completed draft habitat and Environmental Sensitive Habitat Areas (ESHA) maps of the Natural Resources chapter that was released to the public on October 30, 2018. A Planning Commission Study Session was held on November 27, 2018 to focus on the mapping process, methods and results, and compiled Planning Commission and public input. GIS data files created for the draft ESHA maps were used to develop diagrams for the Development chapter of the City's undeveloped Planned Development areas and determine locations of potentially developable areas based on the presence of ESHA and ESHA buffer requirements. These diagrams and the draft Development Chapter were reviewed at Planning Commission Study Sessions on January 22, February 26 and March 26, 2019.
 - Hearings and Adoption (Task 2): In Progress. The City has held numerous Planning Commission meetings and study sessions. Recently, the City has met with the San Mateo County Farm Bureau to discuss the Agriculture chapter and with the Committee for Green Foothills to discuss the Development, Agriculture and Coastal Hazards chapters. The City has also met with the Coastside County Water District to discuss information needs for the draft Public Works chapter and with several property owners to discuss the implications of updated LUP policies and habitat maps. The City has provided the public draft chapters of the LUP update to the Coastal Commission and is working on presubmittal review by addressing Commission staff comments.
- **Grant Term:** 1/17/2017 – 12/31/2019

3) 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:**

- Project Management (Task 1): In Progress.
- ESHA Map Update (Task 2): Complete. The City completed its final draft Environmentally Sensitive Habitat Areas (ESHAs) GIS layer and Climate Change Considerations Memo in August 2018. Additional revisions to the ESHA maps may occur as the City finalizes its LCP update.
- SLR Adaptation Strategy Modeling (Task 3): Complete. The City's final draft report on potential SLR adaptation measures has been completed. Several Planning Commission meetings have been held to discuss the Draft Plan Morro Bay, including prioritized SLR measures.
- Bayside Lateral Coastal Access Plan (Task 4): In Progress. The existing conditions portion of the Plan has been completed. A draft poster of the preferred bayside lateral access alignment has also been prepared and submitted to Commission staff for review, with the final poster to be finalized in conjunction with the LUP Update. The Draft Lateral Coastal Access policies have also been incorporated into the public draft of Plan Morro Bay.
- Low-Cost Visitor Accommodations Inventory and Implementation Strategy (Task 5): Complete. A draft and final memo identifying existing accommodations conditions has been completed. The City has also incorporated its draft low-cost policy language into the public draft of Plan Morro Bay.
- Update Sea Level Rise Model (Task 6): In Progress. The City has continued updating its SLR model for the 2100 high SLR scenario. An updated draft of the vulnerability assessment language was prepared, while efforts to update the SLR model with a focus on addressing the H++ scenario to support planning for critical community facilities continues. The City is now finalizing its initial draft Vulnerability Assessment before submitting it to the Commission for review in late April or early May 2019.

- **Grant Term:** 2/27/2017 – 9/30/2019

4) **City of Santa Barbara** – *Grant Total \$295,892*

- **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 technical study on lower cost visitor serving accommodations will also be prepared. 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:**

- Public Outreach Plan (Task 1): In Progress. The City of Santa Barbara has continued to implement its public outreach program by developing public outreach materials, maintaining its website and providing for stakeholder engagement. The five public workshops described in the grant agreement have been completed. Meeting notices, materials, and minutes for the SLR Adaptation Plan Subcommittee are also available online. The subcommittee began meeting twice a month since August 2018.
- Sea Level Rise Adaptation Plan (Task 2): In Progress. Following the release of a Public Draft Vulnerability Assessment in November 2018, the City is now preparing a revised Vulnerability Assessment based on Commission staff and public comment that will be included in its Final Draft Adaptation Plan.
- Policy Development for Lower-Cost Visitor-Serving Accommodations (LCVSA) (Task 3): In Progress. The Draft Inventory of Overnight Accommodations was completed in October 2018; the City is now working on its Report on Overnight Accommodations and policy development, having completed a public informational meeting in January 2019.

- **Grant Term:** 1/1/2017 – 12/31/2019

5) **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:**

- Initial Announcement (Task 1): Complete. The City has completed its initiation task related to grant execution and City Council approval of the GP/LCP Committee.
- Consultant Selection (Task 2): Complete. A consultant has been selected for the duration of the grant project.
- Identify Active Participants and Stakeholders (Task 3): Complete. The City has selected a project manager and has drafted and contacted an initial list of stakeholders; outreach is ongoing.

- Stakeholder and Participant Meetings (Task 4): Complete. The City has held Stakeholder and Participant Meetings in July, August, September and November 2017. A public website on the GP/LCP update has been launched.
- Provide Background Documents to Committee and CCC Staff (Task 5): Complete. The City has also provided Committee and Coastal Commission staff with historic documents for review, including the City Mission Statement, Baseline GP/LCP, Legal Requirements, local, state and federal requirements, forecasts, and related data and surveys.
- SLR Vulnerability Assessment and Adaptation (Task 6): Complete. The final SLR Vulnerability Assessment and Adaptation Plan were completed and submitted to Commission staff in March 2019.
- Develop Draft GP/LCP Policies (Task 7): In Progress. The City has continued with its update of the GP/LCP having already completed draft policies for two LUP chapters: Healthy Communities and Circulation. An administrative draft of the GP/LCP policies is anticipated to be completed by late July.
- **Grant Term:** 3/22/2017 – 12/31/2019

6) 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:**
 - Project Initiation (Task 1): Complete. The County has executed its grant agreement and has hired a consultant.
 - Coastal Hazard Vulnerability and Risk Assessment (Task 2): Complete. The County completed its final Coastal Hazard Vulnerability and Risk Assessment in December 2018.
 - Preliminary Regulatory and Adaptive Strategies and Options (Task 3): In Progress. A draft of the Adaptation Report, including economic analyses, was completed in February 2019, while the County presented the draft at a public workshop in March. In early April, County staff met with Commission staff to discuss comments on the draft Adaptation Report. The County is now addressing comments in anticipation of releasing the final Adaptation Report in the coming months.
 - Develop Preliminary Draft CAP Policies (Task 4): In Progress. The County has prepared draft CAP policies that were sent to Commission staff in May 2019.
 - Prepare Draft Documents, Recommendations, and Conduct Board of Supervisors Hearing (Task 5): In Progress. A Sea Level Rise abstract has been

drafted and is currently under internal review along with the Draft CAP policies prepared under task 4.

- **Grant Term:** 3/22/2017 – 9/30/2019

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

- **Project Summary:** The City of Santa Monica will prepare and complete an administrative draft Local Coastal Program (LCP) Implementation Plan (IP) that will be locally adopted and submitted for Commission certification outside the grant term. The grant project will include community outreach to inform the IP development process, as well as development of an economic study for proposed updating to the City's Low Cost Lodging Mitigation Fee.
- **Work Completed:**
 - Project Initiation (Task 1): Complete. The City selected a consultant for the duration of the grant project.
 - Coastal Zoning Ordinance Outline (Task 2): Not Started. Work on the Implementation Plan is set to commence in June 2019.
 - Administrative Draft Coastal Zoning Ordinance (Task 3): Not Started.
 - Public Engagement (Task 4): Not Started.
 - Low Cost Lodging Mitigation Fee Update (Task 5): Not Started.
- **Grant Term:** 1/19/2017 – 12/31/2019

8) 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:**
 - Coordination with CCC Staff (Task 1): Ongoing. The City has met with Commission staff to discuss various chapters of the Draft LUP.
 - Engage the Community on the Draft Plan (Task 2): In Progress. A stakeholder survey has been developed for community engagement events in earlier reporting periods.
 - Technical Studies (Task 3): In Progress. The City has completed an administrative draft of its Parking Management report and has continued developing a work program for sea level rise visualization tools.
 - Draft LUP (finalization of IP standard of review) (Task 4): In Progress. All chapters of the draft LUP have been reviewed by Commission staff; the City continues to review Commission staff comments and revise the draft LUP accordingly.
 - Refine the Draft Implementation Plan (Task 5): Not Started.

- **Grant Term:** 6/5/2017 – 12/30/2019

9) City of Seal Beach – Grant Total \$167,500

- **Project Summary:** The City of Seal Beach will develop an administrative draft Land Use Plan under the grant term as part of its efforts to develop its first Local Coastal Program (LCP). Grant work includes a community outreach program; development of a Sea Level Rise (SLR) Vulnerability Assessment and Adaptation Plan; preparation of an administrative draft LUP (including technical analysis of Low Cost Visitor Serving Accommodations, Environmentally Sensitive Habitat Areas, Land Use, Public Access, and Beach Use and Events). Local adoption of the LUP and development of an IP, including local adoption, as well as submittal of the entire LCP to the Commission for certification, will all occur outside the grant term.
- **Work Completed:**
 - Project Kickoff and Define Scope (Task 1): In Progress. Technical Analysis of baseline conditions has been completed, while the City has also completed its collection and review of baseline city data. A field visit of the City's coastal zone is anticipated to occur in the coming months to close out this task.
 - Consultation with CCC Staff (Task 2): Ongoing. The City held a conference call with Commission staff in February 2019 to discuss LCP format, the SLR Vulnerability Assessment, and lower cost visitor serving accommodations and Environmental Justice.
 - Community Outreach Program (Task 3): In Progress. A Draft Outreach Plan has been completed and is being revised to coincide with outreach efforts starting in April 2019.
 - Sea Level Rise Assessment (Task 4): In Progress. The City completed and submitted an administrative draft Vulnerability Assessment in early April.
 - Prepare Seal Beach LCP Drafts and Maps (Task 5): In Progress. The City has reviewed baseline reports and prepared a draft basemap and LUP outline.
- **Grant Term:** 12/12/2017 – 12/31/2019

10) 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:**
 - Project Initiation (Task 1): Complete. A Request for Proposals was issued and a Consultant selected in June 2017.

- Coastal Resources Database (Task 2): Complete. The City 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.
- Public and Stakeholder Outreach Kickoff Meeting (Task 3): Complete. An initial public outreach meeting was held in March 2018. A stakeholder/interested parties list has also been prepared, while a City webpage was created to provide updates and documents from the project.
- Model and Map Coastal Resources for Climate Scenarios (Task 4): Complete. The City has completed its modeling and mapping of coastal resources under varying SLR scenarios and coastal hazards.
- SLR Vulnerability and Risk Assessment (Task 5): In Progress. The City completed a draft of its Vulnerability Assessment and Adaptation Strategies Report in early January and is now addressing Commission staff comments through the preparation of a final draft.
- Draft LCPA (Task 6): In Progress. The City continued to discuss the best approaches to incorporate new policies into the LCP with Commission staff, as well as drafting new policies that will be included in the LCP amendment.
- **Grant Term:** 6/19/2017 – 12/31/2019

11) City of San Clemente – Grant Total \$157,500

- **Project Summary:** The City of San Clemente will submit its Land Use Plan (LUP) to the Commission for certification and develop an Implementation Plan (IP) table of contents/outline and portions of an in-progress working draft 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 working draft 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, as well as executing a targeted LUP amendment to incorporate SLR findings. Finalization, including Commission certification, of the IP will commence outside the scope of this grant project, but with funding provided under a Round 5 LCP grant.
- **Work Completed:**
 - Coastal Commission Engagement (Task 1): Complete. An Internal kick-off meeting and subsequent meetings with Commission staff have all been completed; the City will continue to check in with Commission staff as needed.
 - Land Use Plan (Task 2): Complete. The LUP was completed and submitted to the Commission for hearing in December 2017. In February 2018, the Commission voted to approve the LUP with suggested modifications; the LUP was then locally adopted by the City Council in June 2018 and signed off by Commission’s Executive Director on August 9, 2018.
 - Sea Level Rise Study (Task 3): In Progress. The City has continued to revise the SLR study to address Commission staff comments, with a revised public review draft anticipated to be released in June 2019 as the final deliverable of

the grant project. SLR study findings, recommendations and public comment will be used to inform the City's Coastal Resiliency Plan to be prepared under its Round 5 LCP grant.

- Public Outreach (Task 4): Complete. Public notices have been drafted and mailing lists prepared for the purpose of publicizing the SLR study, the LUP and the draft IP. To date, a public workshop was conducted in November 2017 on the draft SLR study, while a public meeting on the LUP was held in May 2018.
- Draft Implementation Plan (Task 5): Complete. The City has completed a working draft of portions of its Implementation Plan, including completing a draft IP outline. The IP will now be completed with Round 5 LCP grant funding (and outside the term of this grant project).
- **Grant Term:** 3/13/17 – 9/30/2019

12) 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:**
 - Coastal Commission Engagement (Task 1): Ongoing. The City executed its grant agreement and selected its consultant; regular coordination meetings with Commission staff are ongoing.
 - Project Initiation (Task 2): Ongoing. A kickoff meeting has been held and a consultant has been selected. The City has also completed its final scope of work and project schedule; however, background data collection, resource analysis, and the drafting of technical studies remain ongoing.
 - Coastal Hazard Vulnerability Assessment and Adaptation Plan (Task 3): In Progress. The City completed a final draft Vulnerability Assessment in January 2019 following a public workshop held in November 2018 to gather public input. A second public workshop took place on March 4, 2019 to kickoff development of the Adaptation Plan and present preliminary adaptation strategies to the public. The City is now working on completing the Adaptation Plan by July 2019.

- Community Outreach (Task 4): Ongoing. The City has developed a webpage and solicited input from online surveys and is preparing for a third public workshop in June 2019 for discussion of the Draft LUP.
- Policy Development – LUP Update (Task 5): In Progress. The City has continued to prepare background studies addressing existing conditions in the coastal zone as part of its LUP policy update. The Draft LUP outline and policy audit have also been prepared and are currently under staff review.
- Coordination with Economic Development and Energy/Climate Action Element (Task 6): Not Started.
- Review and Final Draft LUP (Task 7): Not Started.
- Adoption Hearings (Task 8): Not Started.
- Coastal Commission Submittal (Task 9): Not Started.
- **Grant Term:** 4/27/2017 – 12/31/2019

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

- **Project Summary:** The City of Del Mar will supplement its completed 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 an LCP Amendment.
- **Work Completed:** The City of Del Mar has completed its grant project with the local adoption and submittal of its LCP Amendment to the Commission.
 - Supplemental Sea Level Rise Hazard Analysis (Task 1): Complete. Both the final Coastal Hazards, Vulnerability, and Risk Assessment and the Adaptation Plan are complete and were adopted by the City Council on October 1st 2018.
 - Sediment Management Plan (Task 2): Complete. The Final Sediment Management Plan has been completed and was approved by the City Council on October 1st 2018.
 - San Dieguito Lagoon Wetland Habitat Migration Assessment (Task 3): Complete. The final San Dieguito Lagoon Wetland Habitat Migration Assessment is complete and was adopted by the City Council on October 1st 2018.

- Amendment Drafting (Task 4): Complete. Draft Land Use Plan Amendments were included in the Planning Commission hearing on 8/14/18 and Council on 9/4/18 and 9/17/18. The Draft Zoning Code Amendments were included in the Planning Commission hearing on 8/14/18; Council 10/1/18 and 10/15/18. Ordinance was introduced 10/15 with second reading/adoption on 10/29/18. CCC letter provided 9/28/18.
- City Public Hearings (Task 5): Complete. All technical studies have been adopted by the Planning Commission and City Council.
- Submit to CCC (Task 6): Complete. All technical studies have been adopted by the Planning Commission and City Council, and the LCP Amendment package has been submitted to the Commission in late October 2018. Certification is to commence outside the grant term.
- **Grant Term:** 12/20/2016 – 10/31/2018

14) 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:**
 - Consultant Selection (Task 0): Complete. The City has selected its consultant.
 - Work Plan and Outline (Task 1): Complete. The Work Plan and Issues Analysis Report have been completed.
 - Updated Land Use Plan (Task 2): Complete. The City has completed an administrative and final draft of the LUP.
 - Update LCP Implementation Plan (Task 3): In Progress. The City completed a draft IP in January 2019 that is currently under review by Commission staff.
 - Agency/Public Review (Task 4): In Progress. The City has commenced with agency and public review of the LCP update.
 - Final Plan, Local Adoption, CCC Submittal and Certification (Task 5): Not Started.
- **Grant Term:** 2/24/2017 – 12/31/2019

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**ATTACHMENT 3****6th Status Report on Round 4 Local Coastal Program Grants**

The following is a summary of the work completed under the seven Round 4 Local Coastal Program Grants awarded in August 2017 (listed from North to South) from October 1, 2017 through March 31, 2019. Funds spent up to March 31, 2019 total \$269,505.67 of \$546,685 awarded.

1) County of Humboldt – Grant Total \$50,000

- **Project Summary:** The County will supplement its comprehensive update of the Humboldt Bay Area Plan (HBAP), which is currently underway through a Round 2 LCP grant, with the development of focused adaptation strategies to address sea level rise for some of the County's most vulnerable areas – the economically disadvantaged communities of King Salmon, Fields Landing, and Fairhaven/Finn Town. The County proposes to use the vulnerability assessments currently underway or completed as part of prior work, and to identify adaptation options to protect these vulnerable assets from, and help them adapt to, the impacts of sea level rise, by evaluating the timing and viability of the most appropriate options through stakeholder engagement and feasibility analysis.
- **Work Completed:**
 - Initiate a Collaborative Adaptive Capacity Building Process (Task 1): Complete. The County completed its Vulnerabilities, Risks, and Adaptive Capacity Report in November 2018.
 - Develop Adaptation Report (Task 2): In Progress. The County continues to work on its draft Adaptation Report and anticipates submitting a draft for review by Commission staff in the coming months.
 - Incorporate into Round 2 (Grant) LCP Humboldt Bay Area Plan Update (Task 3): In Progress. The County has commenced incorporating findings from the Vulnerability Report under task 1 into an administrative draft LCP.
- **Grant Term:** 1/17/2018 – 12/31/2019

2) City of Trinidad – Grant Total \$51,000

- **Project Summary:** The City of Trinidad will update its Local Coastal Program by undertaking additional technical studies and updates that were identified in the City's prior LCP grant work (Round 2). The grant project includes development of a coastal erosion hazard management plan, specifically focusing on a landslide/slow creep near Edwards street and impacts on infrastructure and public access areas (particularly access to the Trinidad Lighthouse and Harbor area); a water supply assessment, which will assess potential water supplies for new areas under City water services, while also considering the effects of climate change on such water supplies; and an update of portions of the implementation plan to

ensure that the entire LCP can be internally consistent before submittal of the LCP for certification.

- **Work Completed:**
 - Coastal Erosion Hazard Management Plan (Task 1): In Progress. The City has continued with its assessment of coastal hazards and risks by examining existing geologic studies.
 - Water Supply Assessment (Task 2): In Progress. The City analyzed build-out potential and development scenarios within the City's Water Service Area and performed an assessment of the treatment capacity of the City's water plant.
 - Implementation Plan (Task 3): Not Started.
- **Grant Term:** 1/9/2018 – 12/31/2019

3) City of Fort Bragg – Grant Total \$100,000

- **Project Summary:** The City of Fort Bragg will develop a reuse plan and LCP Amendment for the 425-acre former Georgia-Pacific Lumber Mill site. The grant project includes a public visioning and issue identification task and development of an existing conditions and resources assessment, which will include a sea level rise vulnerability assessment, water supply analysis, and additional studies on energy use, conservation and transportation. The grant project will also result in an administrative and final draft LCP amendment.
- **Work Completed:**
 - Visioning and Community Workshops (Task 1): Complete. The City held two community open houses, conducted a Mill site reuse survey, and revised its visions statement based on community and City Council input.
 - Existing Conditions and Resource Reports (Task 2): In Progress. The City has developed drafts of its Sea Level Rise study, Build Out analysis, Utility analysis, Biological survey and Transportation study, with final drafts to be completed as necessary depending on changes to the Mill Site Land Use Plan and the release of SLR modelling later in the year. The City has also completed its Tsunami study, Lower Cost Visitor Serving Facilities Analysis and report, and Visual analysis.
 - Community-based Planning and Agency Consultation (Task 3): Ongoing. The City has completed the final draft of the Preferred Land Use Map and Key LCP Goals and Policies, with tribal consultation and Commission staff coordination ongoing. Over 27 joint City Council and Planning Commission workshops have been held regarding the LCP Amendment.
 - Refine Preferred Plan, Goals and Policy and LCP Outline into a Draft LCP Amendment (Task 4): Ongoing. The City has completed a draft of its Coastal General Plan (Land Use Plan), which has been reviewed by its Planning Commission and City Council, as well as Commission staff. A draft of the IP is underway, while revisions to the LUP are ongoing in coordination with Commission staff.
 - Prepare Final LCP Amendment (Task 5): In Progress. Revisions to the LUP are ongoing in coordination with Commission staff.
- **Grant Term:** 1/16/2018 – 12/31/2019

4) **City of Marina** – *Grant Total \$85,685*

- **Project Summary:** The City of Marina will comprehensively update its Local Coastal Program to address sustainable development, increased opportunities for coastal access and public recreation, and vulnerability to climate change and sea level rise. The City will develop a public outreach program to solicit public input on the LCP update. An existing conditions and Issues report will also be developed based on technical data, stakeholder input, and public workshops, which will be followed by the preparation of a vision, goals and objectives report that will guide the LCP update process. A sea level rise vulnerability assessment and adaptation plan will be developed that will analyze a variety of strategies to address sea level rise impacts.
- **Work Completed:**
 - Identify Stakeholders and Develop Outreach Plan (Task 1): Complete. The City commenced with developing a robust outreach program in August 2018 and has completed its Community Support Strategy. A list of stakeholders, property owners and interested parties has been developed as well, while content for the City's social media platforms, LCP update webpage and newsletter has been uploaded and is being maintained along with a web-based community questionnaire that has been posted to the website for download.
 - Coordination with Coastal Commission Staff (Task 2): Ongoing.
 - Identifying Existing Conditions, Issues (Task 3): In Progress. The City completed a draft Existing Conditions Report and SLR Vulnerability Assessment and is now reviewing Commission staff comments. The City held a first workshop on March 26, 2019 with its City Council and Planning Commission to review and identify issues with the Existing Conditions report and SLR Vulnerability Assessment.
 - Establish Vision, Goals, and Objectives (Task 4): Not Started.
 - Prepare Adaptation Report (Task 5): Not Started.
 - Develop Policies, Programs, and Implementation (Task 6): Not Started.
- **Grant Term:** 5/31/2018 – 12/31/2019

5) **City of Pismo Beach** – *Grant Total \$85,000*

- **Project Summary:** The City of Pismo Beach will update its Local Coastal Program in conjunction with its General Plan update. The grant project includes development of a short-term rental (STR) ordinance to address increasing non-permitted STRs and associated issues, including a LCP Amendment to incorporate the STR ordinance into the LCP; sea level rise modeling and evaluation, which includes analysis of vulnerabilities and development of a policy framework for implementation in future LCP updates; and policy development and an LCP Amendment for lower cost visitor serving accommodations, including public outreach, research, data collection, and studies to determine what constitutes lower cost accommodations.
- **Work Completed:**
 - Short-term Rental Ordinance (Task 1): Complete. Following the formation of a stakeholder task force, the City developed its draft and final short-term rental (STR) ordinance. In May 2018 the City Council considered and

unanimously approved the STR ordinance, which was submitted for Commission staff review in June 2018 and adopted by the Commission in August 2018.

- Sea Level Rise Modeling and Evaluation (Task 2): In Progress. The City selected its consultants to aid in the development of a SLR Vulnerability Assessment and Adaptation Plan. Data collection and research has commenced.
- Low-cost Visitor Serving Accommodation Policy Development (Task 3): In Progress. Data and research is now complete and a stakeholder meeting was held to discuss preliminary results. A draft of the Economic Analysis/Special Studies report is close to completion.
- **Grant Term:** 4/10/2018 – 12/31/2019

6) City of Avalon – Grant Total \$75,000

- **Project Summary:** The City of Avalon will complete a climate change vulnerability assessment that will inform the City's LCP update through an LCP Amendment. The project will involve conducting a sea level rise vulnerability and risk assessment through wave modeling and run up analyses for various sea level rise scenarios. In addition, the City will carry out public outreach to solicit input on the vulnerability assessment. A targeted LCP amendment will then be undertaken to incorporate the key findings of the vulnerability assessment into the City's existing LCP, including updated hazard maps, if feasible, and a program policy to conduct future adaptation planning and to develop a comprehensive LCP amendment on sea level rise.
- **Work Completed:**
 - Project Launch (Task 1): Completed. The City has selected its consultant and held a kick-off meeting in July and August 2018. The community engagement plan and schedule has also been completed.
 - Assessment Preparation (Task 2): In Progress. The City has completed its Hazard Analysis, including preparation of sea level rise hazard maps for each of the four sea level rise scenarios, as well as a coastal resources database and maps. The City's identification of critical assets and managers is also complete following its compilation of data on coastal resources and baseline economic data. The City has also continued with its preparation of the draft vulnerability assessment by preparing a report outline, evaluating SLR scenarios, and researching topography and bathymetry data. Three Public Workshop meetings were also held, which consisted of group meetings with sea and land-based business owners.
 - Targeted LCP Amendment (Task 3): In Progress. The City has begun working on its preparation of a targeted LCP amendment.
- **Grant Term:** 1/8/2018 – 8/31/2019

7) City of San Diego – Grant Total \$100,000

- **Project Summary:** The City of San Diego will prepare a sea level rise vulnerability assessment and associated technical studies and public outreach. To prepare the vulnerability assessment, the City will use the Coastal Storm Modeling System (CoSMoS 3.0) for Southern California to analyze at least three (3) sea-level rise

scenarios, including, where appropriate, additional flooding impact from a 100-year storm event. Associated technical studies, such as a coastal erosion assessment, will be performed to inform the sea level rise vulnerability assessment. The grant project also includes extensive public outreach to garner public input on the development of major deliverables and regional coordination with climate change groups to share expertise and advance adaptation measures that address local hazards.

- **Work Completed:**

- Technical Studies (Task 1): Complete. The City has completed its Coastal Erosion Assessment by visually inspecting and documenting coastal erosion at 71 sites.
- Vulnerability Assessment (Task 2): In Progress. The City completed a draft of its Sea Level Rise Vulnerability Assessment in April 2019, which is now being reviewed by Commission staff.
- Public Outreach & Coordination (Task 3): In Progress. The City's outreach plan for workshops, online engagement and collaboration are all under development. A first public workshop is anticipated to be held in April 2019.

- **Grant Term:** 1/12/2018 – 12/31/2019