

CALIFORNIA COASTAL COMMISSION

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September 6, 2019

TO: California Coastal Commission and Interested Parties

FROM: John Ainsworth, Executive Director

SUBJECT: Executive Director's Report, September 2019

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 fully 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, San Clemente 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 and an administrative draft LUP and IP. Under a \$135,000 Round 3 (FY 16-17) LCP planning grant, the City completed a sea level rise vulnerability assessment and a comprehensive update to its LUP, which was certified in August 2018. To support this continued work, the City was recently awarded a \$75,000 Round 5 (FY 18-19) LCP planning grant to prepare a companion adaptation plan and finalize its Implementation Plan to achieve LCP certification.

Finally, two Round 3 (FY 16-17) LCP planning grants were awarded in August 2016 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.

Meetings and Events

Sea Level Rise Risk Communication Workshop (SP 3.1)

On August 21, several Coastal Commission staff attended a workshop on Sea Level Rise Risk Communication co-sponsored by the Ocean Protection Council and NOAA's Office for Coastal Management. This is very comprehensive and well-designed training that NOAA provides for coastal states who are seeking more effective ways to communicate with diverse audiences about the reality and risk of sea level rise. The Commission joined staff from the OPC, OPR, State Lands Commission, State Parks, Office of Emergency Services, State Coastal Conservancy and BCDC for a day-long crash course in developing effective communication tools for talking to the general public about the greatest threat to our coast, and will be participating in additional NOAA trainings in the future.

Spatial & Ecological Insights for Decision-making on Changing Ocean Chemistry Workshop

On August 27, staff ecologist, Dr. Lauren Garske-Garcia, was invited to and participated in a kick-off workshop on the Spatial and Ecological Insights for Decision-making on Changing Ocean Chemistry, which took place in Oakland. The event, hosted by the California Ocean Science Trust and the Pew Foundation's Lenfest Ocean Program, brought together West Coast decision-makers and research scientists to align a new three-year investigation of natural resource vulnerabilities to ocean acidification and hypoxia (OAH) along our coast with imminent management needs. Key products of the research will include maps of OAH hotspots and refugia at a local-scale so that managers and policy-makers in land use, water quality, aquaculture, and fisheries may be better prepared to respond to and anticipate the growing and inevitable threat OAH poses along our coast.

California Coastal and Marine Priorities Workshop

On August 20, 2019 Dr. Jonna Engel, Senior Ecologist and Dani Ziff and Denise Truong, Coastal Analysts, attended the South West Climate Adaptation Science Center (SW CASC) workshop on California Coastal and Marine Priorities at UCLA. The SW CASC is one of seven Department of the Interior climate science center regions and is a USGS-University Consortium that includes UCLA, UCD, Scripps Institute of Oceanography, University of Arizona, Desert Research Institute, and Utah State University. The CASCs develop data and tools that address the informational needs of natural and cultural resource managers. The workshop focus and purpose was on understanding the climate-related issues facing California coastal managers, to prompt dialog between scientists and managers, and to encourage interaction among coastal managers. Jonna, Dani, and Denise each gave a short presentation on the Coastal Commission's most pressing climate concerns and management and planning priorities.

Meeting with San Diego Regional Water Quality Control Board Management Staff

On August 12, Karl Schwing, Deputy Director, Al Wanger, Deputy Director and I met with the Executive Officer of the San Diego Regional Water Quality Control Board, David Gibson, two Board members and some of his management staff. We discussed opportunities for increased interagency coordination in areas where we have overlapping authorities; areas where we can work together on sea level rise adaption strategies; and collaborate and assist the Board in their efforts to develop an environmental justice policy

Public Education

Coastal Clean Up Day

Coastal Cleanup Day: A quick reminder that the 35th Annual California Coastal Cleanup Day is coming up on Saturday, September 21. We invite everyone to join us at one of more than 1,000 cleanup sites that will be taking place around California on that day. Please visit coastalcleanupday.org to find your local site!



Coastal Clean-Up Day Coordination Meeting

Public Education staff person Eben Schwartz spent much of August speaking at coordinating meetings for the upcoming 35th Anniversary California Coastal Cleanup Day. Local organizations and government agencies use these meetings as an opportunity to discuss how the cleanup will run, train new site captains and update returning captains with new initiatives, and to distribute supplies they have received from the coastal commission. These meetings provide an excellent opportunity for Commission staff to thank the volunteers for making the cleanup a success.

Middle & High School Video Challenge

The Public Education Program has launched a new student challenge that invites middle and high school students to create short videos answering the question “How do we come together for the climate?” Video entries are due March 31, 2020. Entry details and resources for students and teachers can be found on our website in the “Participate” menu under “Contests.”

Green Boating Clean & Green Boat Quiz

The Boating Clean and Green Program hosted an Online Clean Boating Quiz statewide from July 8 to September 1. The quiz is designed to increase clean boating awareness and practices among boat owners. In the first seven weeks, completed responses total 2,400.

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. Rounds 1 and 2 are now complete.^[1] For Rounds 3 and 4, all 21 LCP grant projects are fully underway through December 2019 (see [Attachment 1](#) for a status report on Round 3 LCP Grants and [Attachment 2](#) for a status report on Round 4 LCP Grants). For Round 5, all five LCP grant projects are now fully underway through December 2020 (see [Attachment 3](#) for a status report on Round 5 LCP Grants).

Budget and Federal Programs Update

Please see [Item 9](#) on Friday, September 13 for a detailed update on the Coastal Commission budget and federal programs.

Commission's San Francisco Headquarters Office Move

The Commission's headquarters office was scheduled to begin the move to its new location at 455 Market Street, San Francisco on Monday evening, October 14. The move has been delayed now till at least the end of November. Commission staff is now actively preparing for the move which involves an extensive office clean up and file scanning and organization effort. The Commission's operations will be affected until we complete the move and get set up in the new space by late November/early December. Both buildings require that moving operations be done during non-work hours on nights and weekends. Our goal is to execute the move as quickly and cost-effectively as possible and that requires extensive preparation by staff. Therefore, it will be necessary to do some office closure periods to complete the work. We will inform the public via voicemail messages and our website and will do our best to reduce disruption of services.

Dive Boat Tragedy

The Coastal Commission joins the nation in mourning the victims of the tragic fire that destroyed the dive boat *Conception* off the Channel Islands on Labor Day, Monday, September 2. We were saddened to learn that a former colleague, Kristina Finstad, was aboard the boat and among those listed as missing. Kristina created and ran the Coastal Commission's community-based restoration program (Project Grow) between 2002 and 2005. She also authored "Digging In: A Guide to Community-based Habitat Restoration," which the Coastal Commission still distributes. Passionate about nature, smart, creative, and enthusiastic, Kristina was beloved by her volunteers and coworkers alike. She will be deeply missed.

^[1] Round 1 funded 11 local jurisdictions and is complete as of April 2016 (see the [May 13, 2016 Hearing LCP Grants Status Update Report](#) for the final status report on Round 1 LCP Grants). Round 2 funded 13 local jurisdictions and is complete as of April 2019 (see the June 2019 hearing [ED Report](#) for a final status report on Round 2 LCP Grants).

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**ATTACMENT 1****10th 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 June 30, 2019. Funds spent up to June 30, 2019 total \$1,919,831.96 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. Recently, the City held a meeting with Huffman Broadway Group to discuss a running errata sheet of changes to be made to the draft ESHA maps for the final draft version.
 - Hearings and Adoption (Task 2): In Progress. The City has provided Commission staff with the public draft chapters of the LUP update and is coordinating on pre-submittal review and suggested modifications. The City has also held numerous Planning Commission meetings and study sessions to discuss several new draft sections of the LUP, while the City has also continued to meet 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.
- **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): Ongoing.

- 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): Complete. The existing conditions portion of the Plan has been completed and a poster of the preferred bayside lateral access alignment has also been prepared, with the poster to be revised where needed 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 completed its final draft vulnerability assessment, including SLR model that focuses on addressing the H++ scenario to support planning for critical community facilities.
- Adopt Plan Morro Bay (Task 7): Not Started. The City is working on amending its LCP grant agreement to remove local adoption from the grant term given the extensive comments the City received on its LCP policies. Local adoption and submittal to the Coastal Commission for certification will thus likely occur in 2020, beyond the current grant round.
- **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, which the City is currently drafting. As part of the Adaptation Plan, the City has prepared a preliminary draft Cost/Benefit analysis.
- 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 submitted three Administrative Draft LUP policy chapters, including Open Space, Healthy Community and Coastal Resiliency to the Coastal Commission for review.
- **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. Since early April, County staff have been working to revise the draft Adaptation Report to address Commission staff comments.
 - Develop Preliminary Draft CAP Policies (Task 4): In Progress. The County recently met with Commission staff in June and July 2019 to discuss revisions to the draft CAP policies prepared last quarter.
 - Prepare Draft Documents, Recommendations, and Conduct Board of Supervisors Hearing (Task 5): In Progress. A Sea Level Rise abstract has been drafted and was sent to Commission staff in May 2019 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): In Progress. The City started working on the Coastal Zoning Ordinance Outline by identifying LUP policies to integrate into its IP.
 - 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 recently met with Commission staff to discuss completing the grant project by year-end.
 - 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 expects to submit it for Commission review in September. The City has also continued developing a work program for sea level rise visualization tools, as well as preparing a draft Affordable Accommodations report.
 - 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 is now submitting revised LUP chapters addressing Commission staff comments, with the Community Identity, Noise, Visual Resources, Cultural Resources, GHG Emissions, and Energy Resources chapters submitted to Commission staff for additional review.

- 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): Complete. 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 occurred in April.
 - 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. Since then, coordination has been ongoing related to the City's preparation of a Sea Level Rise Vulnerability Assessment and draft LUP policies.
 - Community Outreach Program (Task 3): The City completed its Outreach Plan as well as two community workshops that took place in April and July 2019. A final workshop is scheduled for August 2019.
 - Sea Level Rise Assessment (Task 4): In Progress. The City completed its draft Vulnerability Assessment in early April and has since worked to incorporate comments from Commission staff and the public. A revised draft of the Vulnerability Assessment as well as potential adaptation measures are anticipated to be completed in the fall.
 - Prepare Seal Beach LCP Drafts and Maps (Task 5): In Progress. The City has prepared a draft basemap, LUP outline, and administrative draft LUP policies, which Commission staff is currently reviewing.
- **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 continues to address Commission staff comments in anticipation of releasing the final draft in October 2019.
- 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 August 2019 as the final deliverable of the grant project. Outreach is to be conducted through the Planning Commission and the Coastal Advisory Commission in August 2019 as well. 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): Complete. 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, as well as draft technical studies, including its final draft Vulnerability Assessment.

- Coastal Hazard Vulnerability Assessment and Adaptation Plan (Task 3): In Progress. The City completed a final draft Vulnerability Assessment in January 2019 and has since been working on completing its Adaptation Plan.
- Community Outreach (Task 4): Ongoing. The City has developed a webpage and solicited input from online surveys and is preparing for a third and fourth public workshop for discussion of the Draft LUP, which are scheduled for the Fall.
- 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 distributed draft LCP documents for agency and public review, including Commission staff.
 - Final Plan, Local Adoption, CCC Submittal and Certification (Task 5): In Progress.
- **Grant Term:** 2/24/2017 – 12/31/201

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**ATTACHMENT 2****7th 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 June 30, 2019. Funds spent up to June 30, 2019 total \$285,865.55 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 soon.
 - 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 has continued to analyze build-out potential and development scenarios, including treatment capacity, within the City's Water Service Area. The City has also developed a map based on the Water Supply Assessment and has identified several limitations and recommendations for future studies and priorities for water service.
 - Implementation Plan (Task 3): In Progress. The City has reviewed and discussed ordinances for inclusion in the LCP with Commission staff.
- **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 second revised draft of its Existing Conditions Report and SLR Vulnerability Assessment, which were posted to their website. A final draft is anticipated to be completed during the next quarter.
 - Establish Vision, Goals, and Objectives (Task 4): In Progress. The City has completed a draft Vision, Goals, and Objections Report, which has been reviewed by its Planning Commission and City Council, as well as members of the public through public workshops.
 - Prepare Adaptation Report (Task 5): In Progress. The City has commenced with its preparation of an Adaptation Report, with the draft anticipated to be completed in August 2019.
 - 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 has continued compiling data and has begun drafting the SLR Vulnerability Assessment.
- Low-cost Visitor Serving Accommodation Policy Development (Task 3): In Progress. The City has completed an administrative draft of its Low-Cost Visitor Serving Accommodation Report, which Commission staff has now reviewed. A revised draft is anticipated in the coming months.

- **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 continued working on its preparation of a targeted LCP amendment.

- **Grant Term:** 1/8/2018 – 12/31/2019

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 and is addressing Commission staff comments in a revised draft. The City has also prepared draft Sea Level Rise Hazard Maps to accompany the SLR Vulnerability Assessment.
 - Public Outreach & Coordination (Task 3): In Progress. The City held its first public workshop in April 2019 and participated in a tabling event at the local Earth Fair to connect to community members and present information on the City's planning efforts, including its Sea Level Rise Vulnerability Assessment. The City also updated their webpage with information about the Climate Resilient San Diego Plan, outreach materials and their upcoming events calendar. City Staff is planning their second public workshop for Fall 2019.
- **Grant Term:** 1/12/2018 – 12/31/2019

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**ATTACHMENT 3****1st Status Report on Round 5 Local Coastal Program Grants**

The following is a summary of the work completed from March 2019 through June 30, 2019 under the five Round 5 Local Coastal Program Grants awarded in November 2018 (listed from North to South). Funds spent through June 30, 2019 total \$54,331.21 of \$750,000 awarded.

1) City of Arcata – Grant Total \$75,000

- **Project Summary:** The City of Arcata will complete a comprehensive update to the City's Local Coastal Program (LCP) to address climate change and sea level rise. The grant project will include public outreach activities targeting vulnerable communities and revisions to the draft Land Use Plan (LUP) and draft Implementation Plan (IP), both of which were prepared under the City's Round 1 LCP Grant. The LCP update will include measured retreat strategies and measures to address the root causes of climate change, establishing thresholds and incentives for high efficiency developments that reduce greenhouse gas emissions. The City will adopt the LCP and submit to the Commission for certification.
- **Work Completed:**
 - Public Engagement (Task 1): *In Progress*. Currently working on contract with facilitator to assist with public engagement and setting dates for workshops for future housing needs, youth and parent engagement, and community visioning.
 - Land Use Plan (Task 2): *Not started*.
 - Implementation Plan (Task 3): *Not started*.
- **Grant Term:** 4/17/2019 – 12/31/2020

2) County of Sonoma – Grant Total \$175,000

- **Project Summary:** The County of Sonoma will complete a comprehensive update to its Local Coastal Program (LCP) which will integrate the County's 2016 Hazard Mitigation Plan and address the Commission's 2018 Sea Level Rise Policy Guidance. While continuing County traditions of coastal protection and agricultural preservation, the update will establish innovative policies and programs for watershed and forestry management and consider opportunities to reduce vehicle miles traveled. Additional goals of this update are to improve land use/zoning naming consistency; clarify design requirements and thresholds for modern uses such as vacation rentals, events, and cannabis; and to create an easy-to-access electronic document with updated and improved maps. The project includes a robust public outreach plan with multiple public workshops and opportunities for the public to be involved. The County will adopt the LCP and submit to the Commission for certification.
- **Work Completed:**

- Plan Development and Policy Comparison (Task 1): *In Progress*. The Draft Plan was completed by County staff and sent to Commission staff for review; County staff are incorporating those comments. The Policy Comparison tables have been completed, and final policy wording is under development for inclusion in the Draft Plan.
- Stakeholder Engagement (Task 2): *In Progress*. Public outreach materials are being revised to account for recent draft policy changes. The photo contest is complete, and the winners have been announced on the County's website. The County's Local Coastal Program Website has also been updated to provide more information about the County's coastline and the project. Public workshops were delayed to account for more extensive review of the Draft Plan; three workshops are scheduled for September 2019.
- Adoption and Certification (Task 3): *In Progress*. Drafting of presentation materials is in progress, with Planning Commission hearings anticipated to occur in October, after the planned September public workshops.
- **Grant Term:** 3/21/2019 – 3/28/2020

3) City of Santa Cruz – Grant Total \$200,000

- **Project Summary:** The City of Santa Cruz will complete an Urban Climate Adaptation Policy Implication and Response Strategy Evaluation Technical Report, an Adaptation Plan and a Local Coastal Program (LCP) Update. To do this, the City will continue analyses of sea level rise adaptation strategy and policy options; conduct extensive public outreach and engagement, including development of an Engagement Plan and leveraging of a Sea Level Rise Virtual Reality Mobile Phone Application; develop recommended adaptation strategies and policies, and develop a LCP amendment focused on sea level rise. The City will adopt the LCP amendment and submit to the Commission for certification (certification to occur outside the grant term).
- **Work Completed:**
 - Project Management, Administration, and Coordination (Task 1): *Ongoing*. The Project Advisory Group Scope of Responsibility and Schedule and the Project Fact Sheet and Slide Deck have been completed, while project management and contract administration tasks are ongoing.
 - Urban Climate Adaptation Policy Implication and Response Strategy Evaluation (Task 2): *In Progress*. The City completed the development approach for the Policy and Strategy Analysis, which is under review by Commission staff.
 - Community Engagement (Task 3): *In Progress*. A draft of the City's Outreach and Engagement Plan is complete, and the City is working towards finalization. The City is in the process of conducting outreach through academic partnerships by collaborating with the UCSC Coastal Science and Policy Graduate Program. The City has also commenced with developing its SLR Virtual Reality (VR) Mobile Phone App and has submitted a grant application to the American Geophysicist's Union to expand the VR to the city library branches as a "VR experience zone".
 - LCP Adaptation Policy Guidance (Task 4): *Not Started*.

- LCP Update (Task 5): *Not Started*.
- **Grant Term:** 4/3/2019 – 12/31/2020

4) City of Manhattan Beach – Grant Total \$225,000

- **Project Summary:** The City of Manhattan Beach will complete a Sea Level Rise Vulnerability Assessment, Adaptation Plan, and other technical studies as part of its Local Coastal Program (LCP) Update. The City will prepare a Sea Level Rise Vulnerability and Risk Assessment; develop an Adaptation Plan and other sea level rise-related technical studies; conduct a public outreach effort; and complete the LUP Update, including local adoption and submittal to the Commission (certification to occur outside the grant term).
- **Work Completed:**
 - Project Initiation (Task 1): *In Progress*. The City issued an RFP for consultant selections and anticipates completing contracting in the Fall of 2019. The City also commenced with its project webpage development.
 - Sea Level Rise Vulnerability and Risk Assessment (Task 2): *In Progress*. The City completed its existing conditions research and prepared a memo identifying key SLR issues to analyze in the Vulnerability Assessment.
 - Sea Level Rise Adaptation Plan (Task 3): *Not Started*.
 - Develop LCP LUP Language (Task 4): *Not Started*.
 - Public Process and Outreach (Task 5): *In Progress*.
 - Agency and Regional Coordination (Task 6): *Ongoing*.
- **Grant Term:** 3/11/2019 – 12/31/2020

5) City of San Clemente – Grant Total \$75,000

- **Project Summary:** The City of San Clemente will prepare an Adaptation Plan (called the Coastal Resiliency Plan), as well as its first Implementation Plan in order to achieve full Local Coastal Program (LCP) certification. Development of a Coastal Resiliency Plan will help the City to address the impacts of climate change and will build on the findings and recommendations contained in the Sea Level Rise Vulnerability Assessment prepared under the City's Round 3 LCP Grant. The grant project will also include public outreach and education with a special emphasis to reach disadvantaged and low-income populations in the City.
- **Work Completed:**
 - Coastal Resiliency Plan (Task 1): *In Progress*. The City has developed an outline of its Coastal Resiliency Plan and has commenced drafting the document based on the findings, recommendations, and public comment received on its Sea Level Rise Vulnerability Assessment (being prepared under the City's Round 3 Grant).
 - LCP Implementation Plan (Task 2): *In Progress*. The City has commenced with its development of an Implementation Plan, and Commission staff is now reviewing portions of the draft IP.
- **Grant Term:** 3/20/2019 – 12/31/2020