

CALIFORNIA COASTAL COMMISSION

45 FREMONT STREET, SUITE 2000
 SAN FRANCISCO, CA 94105-2219
 VOICE (415) 904-5200
 FAX (415) 904-5400
 TDD (415) 597-5885

W6a

December 7, 2018

TO: California Coastal Commission and Interested Parties

FROM: John Ainsworth, Executive Director

SUBJECT: Executive Director's Report, December 2018

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

LCP Program Status – Orange County (SP Goal 4)

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

Figure 1. Orange County Coastal Zone LCP Jurisdictions



When LCP planning first began in the early 1980s, substantial areas of the county coastal zone were unincorporated. The large southern portion of the County included several large undeveloped landholdings, such as those of the Irvine Company and the Aliso Viejo Company.

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

Since those original certifications, numerous cities annexed county lands or areas incorporated as new cities and thus new LCPs were required to be certified for these previously unincorporated areas. For instance, the City of Huntington Beach and Long Beach district staffs are currently coordinating on an LCP amendment that will incorporate the Sunset Beach segment, which was recently annexed into the City, into the Huntington Beach LCP.

Currently, there are LCPs certified for the Newport Coast, Emerald Bay and Aliso Viejo segments of the County, and for the cities of Huntington Beach, Newport Beach, Irvine, Laguna Beach, Laguna Niguel, and Dana Point. The LCPs for the cities of Seal Beach, Costa Mesa, Aliso Viejo and San Clemente are not yet certified.

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

The County of Orange has not updated any of its LCP segments (some of which may no longer exist or are now reduced in size as a result of incorporations).

None of the full LCPs for the cities have been comprehensively updated, although the cities of Huntington Beach, 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 draft 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 draft 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.

Sea Level Guidance Implementation Outreach (SP 3.1)

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

Coastal Counties Regional Association meeting

November 27th, Commission Staff attended the Coastal Counties Regional Association meeting at the California State Association of Counties (CSAC) Annual Conference. Staff provided a briefing for the group on the Commission's sea level rise adaptation planning efforts, including the future guidance on adapting critical infrastructure, which is currently being developed. Staff also participated in discussions about the proposed Coastal Commission Local Government Workshop which will focus on sea level rise and short-term rentals, and is tentatively planned for mid-2019.

Air Quality, Climate Change, and Energy Workgroup

On November 14, Coastal Commission staff attended an Air Quality, Climate Change, and Energy Workgroup meeting of the California Association of Sanitation Agencies. Staff gave a presentation on the work the Commission does to address sea level rise, and took the opportunity to introduce the group to the Critical Infrastructure Guidance project currently underway in order to get their initial feedback about some of the issues concerning wastewater treatment plants and related infrastructure. Staff will continue to work with this group and other stakeholders in developing Guidance for addressing sea level rise for critical infrastructure.

Joint Strategic Advisory Committee for the Central and Northern California Ocean Observing System

On November 14, staff attended a meeting of the Joint Strategic Advisory Committee for the Ocean Observing Systems (OOS), Central and Northern California Ocean Observing System (CeNCOOS) and the Southern California Coastal Ocean Observing System (SCCOOS). The OOS's provide real time data on meteorological and oceanic observations; such as data on waves, tides, surface currents, air and sea temperatures, pH, and turbidity; maps for harmful algal blooms and ship tracking; progression of El Niño and La Nina conditions; and, output from flood and storm surge models. The Commission staff has coordinated with the CA OOS's for many years and their information has been used to anticipate the trajectories of oil spills; for information on El Niños, harmful algal blooms and tracking effluent plumes; and as input to the analysis of current hazards and future vulnerabilities. Last month, the Commission approved a project for expansion of a restaurant along Cardiff Beach utilizing inundation data from SCCOOS to inform a condition for determining when a public access path will not be safe for use and when the loss of safe access is sufficient to trigger removal of some or all of the building and landward migration of the public access. Staff's participation on the Joint Strategic Advisory Committee has helped foster these past aspects of coordination and we anticipate greater use of the OOS data to help us address and plan adaptation options that fully consider future changing ocean conditions.

Meetings and Events

California Coastal Law Conference

On November 15th and 16th, several Commissioners and staff spoke at the third annual California Coastal Law conference hosted by CLE (Continuing Legal Education) in Los Angeles. Chair Bochco gave a talk on day 1 entitled, "The State of the Coastal Commission." Commissioner Uranga spoke in a session called "View from the Dais," and Commissioner Vargas spoke on the "Cannabis in the Coastal Zone" panel.

Staff members Sarah Christie and Noaki Schwartz also sat on a panel about the Commission's draft environmental justice policy. To provide a broader perspective, staff invited Diana Vazquez with the California Environmental Justice Alliance and Lucas Zucker with the Central Coast Alliance United for a Sustainable Economy to join the panel.

Additionally, Commission staff Carey Batha and Erin Chalmers spoke in two sessions dedicated to the Commission's Draft Residential Adaptation Guidance. The first session focused on the scope, purpose, and content of the guidance document and its role within the larger, complex process required to update an LCP. The second session included program co-chair Stanley Lamport as an additional speaker and focused on legal implications related to the Residential Guidance.

Finally, cultural staff liaisons Amber Dobson and Andrew Willis presented on the Commission's new tribal consultation policy. They provided some background regarding what types of cultural resources the Commission protects under the Coastal Act, including artifacts and sacred lands and landscapes; described the Commission's past collaboration with tribes to protect cultural resources; and laid out the framework of the new policy, which is intended to formalize and strengthen the Commission's consultation with tribes on resource protection.

Open Space Easement Program (SP 1.1.4 & 7.2.5)

Since 1976, the Commission's open space easement program has secured 790 open space easements, totaling more than 11,000 acres of protected wetlands, agriculture, viewsheds, archaeological sites, and other sensitive areas. The majority of these easements are secured as mitigation for coastal development permits approved by the Commission, through Offers to Dedicate (OTD) open space easements. OTDs usually have a 21-year time frame in which staff must identify an appropriate third party to accept the OTD. The public benefit of the required OTD is not fully realized until it has been accepted by a third party, who agrees to manage the easement in perpetuity. In calendar year 2018, staff secured acceptance of 11 easements. All 11 are located in Los Angeles County and accepting entities include the Mountains Recreation and Conservation Authority and the City of Rancho Palos Verdes. **See attachment 1** for the full report.

LCP Grants Status Update (SP 4.1 & 4.2)

The Commission currently funds 39 active LCP grants for 28 local jurisdictions. Many of the thirteen Round 2 LCP grant programs have been completed or are now nearing completion, with a significant amount of sea level rise planning, LCP policy development and public outreach completed (see **Attachment 2** for a status report on Round 2 LCP Grants). For Round 3, all fourteen LCP grant programs have been executed and are now fully underway (see **Attachment 3** for a status report on Round 3 LCP Grants). For Round 4, all seven LCP grant work programs have been executed, with most fully underway (see **Attachment 4** for a

status report on Round 4 LCP Grants). A fifth round of LCP grants was awarded in November 2018 to five local jurisdictions, with grant programs to commence in early 2019 following execution of grant agreements in the following months.

Election Results

It took a while to count all the votes from the November election, but when the final tally was in, Democrats had established a new Super Majority in both houses of the State Legislature: 60-20 in the Assembly, and 29-11 in the Senate. Democrats picked up four new Assembly seats and three in the Senate. Two of the Assembly seats are coastal districts in Orange County. All in all we have a total of 5 new coastal legislators, Buffy Wicks from Oakland (D), Robert Rivas of Hollister (D), Tyler Diep from Westminster (R), Cottie Petrie-Norris of Laguna Beach (D), and Tasha Boerner-Horvath from Encinitas (D).

On the federal side, the November election resulted in many changes in California's Congressional delegation. For the California Congressional coastal districts, Democrat newcomers Harley Rouda (D-48) and Mike Levin (D-49) will replace outgoing Republican Representatives Dana Rohrabacher and Darrel Issa. Outside the coastal areas, Democrats picked up another five seats including: Josh Harder (D-10), T.J. Cox (D-21), Katie Hill (D-25), Gil Cisneros (D-39), and Katie Porter (D-45). In the House, Democrats picked up 40 seats overall and now are the majority party. In the Senate, Democrat Dianne Feinstein was re-elected to another six year term. Republicans maintained their overall majority in the Senate.

The Executive Director and Federal Programs Manager will be setting up meetings with new and returning members of California's Congressional delegation during the annual trip to Washington, DC, March 11-15, 2019.

Coastal Commission Office Moves

Long Beach:

After over 22 years, the building the Coastal Commission and the State Lands Commission leased office space in Long Beach was sold and both the Coastal Commission and the State Lands Commission had to find new office space. The Commission's new Long Beach office space is currently under construction and we expect to move in mid-January 2019. The new address will be 301 E. Ocean Blvd., Suite 300, Long Beach.

San Francisco:

After 28 years at the 45 Fremont address, the building owners decided that they no longer wanted to lease to the State of California and the Coastal Commission and the Department of Insurance had to secure new office space. The Coastal Commission has been working with the Department of General Services (DGS) and the Department of Finance to lease office space in San Francisco. DGS and the Coastal Commission management have signed a lease for the second and third floors of 455 Market Street, San Francisco. We have been working closely with DGS on the office design work and the building owners will be working on the next steps of construction drawings and project bidding and then construction. The current target date for the San Francisco Headquarters office move is April 1, 2019.

Office Moves Will Affect Workflow

The Long Beach and San Francisco offices are the Commission's two largest offices and the moves affect approximately 135 employees in those office or working on the move. These moves are extremely time consuming and will cause some delays in Commission staff regular workload as staff time is focused on sorting, packing, and preparing for the moves and getting set up in the new locations. We are doing our best to reduce the impact on the public, but there will likely be a few days of office closures to complete the moves.

Commission Strategic Plan

Commission staff continues to work on the Commission's next 5 year Strategic Plan. We have a team working on the plan and this effort is a high priority for Commission staff. The Commission is facing many difficult and challenging issues and a clear strategic plan will provide the Commission a road map to address these challenges and opportunities to improve our Coastal Program.

We have added a webpage on the Commission's public website to solicit public comments on the development of the Commission's Strategic Plan. We are asking for early input from the public regarding what priorities the agency should set out to achieve in the next five years. Comments can be submitted through this portal through January 31, 2019:

<https://www.coastal.ca.gov/strategicplan/comment-opportunity.html>

The public will have another opportunity to comment on the Strategic Plan when the draft Plan is released for public review sometime in spring of 2019.

CALIFORNIA COASTAL COMMISSION

45 FREMONT STREET, SUITE 2000
SAN FRANCISCO, CA 94105-2219
VOICE (415) 904-5200
FAX (415) 904-5400
TDD (415) 597-5885



W6a

November 26, 2018

TO: Coastal Commissioners and Interested Parties

FROM: Jack Ainsworth, Executive Director
Madeline Cavalieri, Statewide Planning Manager
Allyson C. Hitt, Statewide Planning Analyst

RE: **Annual Report of the Open Space/Conservation Easement Program**

The California Coastal Commission's Open Space/Conservation Easement Program continues its work of securing permanent protection for open space lands, including ESHA, steep slopes, agricultural resources, and scenic viewsheds in the Coastal Zone. The Open Space/Conservation Easement Program is in direct accordance with many of the goals, objectives, and actions of the Commission's Strategic Plan, which was approved unanimously by the California Coastal Commission in April 2013.



Open Space Easement in Rancho Palos Verdes. Photo courtesy of California Coastal Records Project, 2013.

This report discusses the background of the Open Space/Conservation Easement Program, and summarizes the progress made in calendar year 2018 to achieve permanent protection of coastal resources through the Program. This report also examines how the Open Space/Conservation Easement Program relates to the Strategic Plan.

Background of the Open Space/Conservation Easement Program

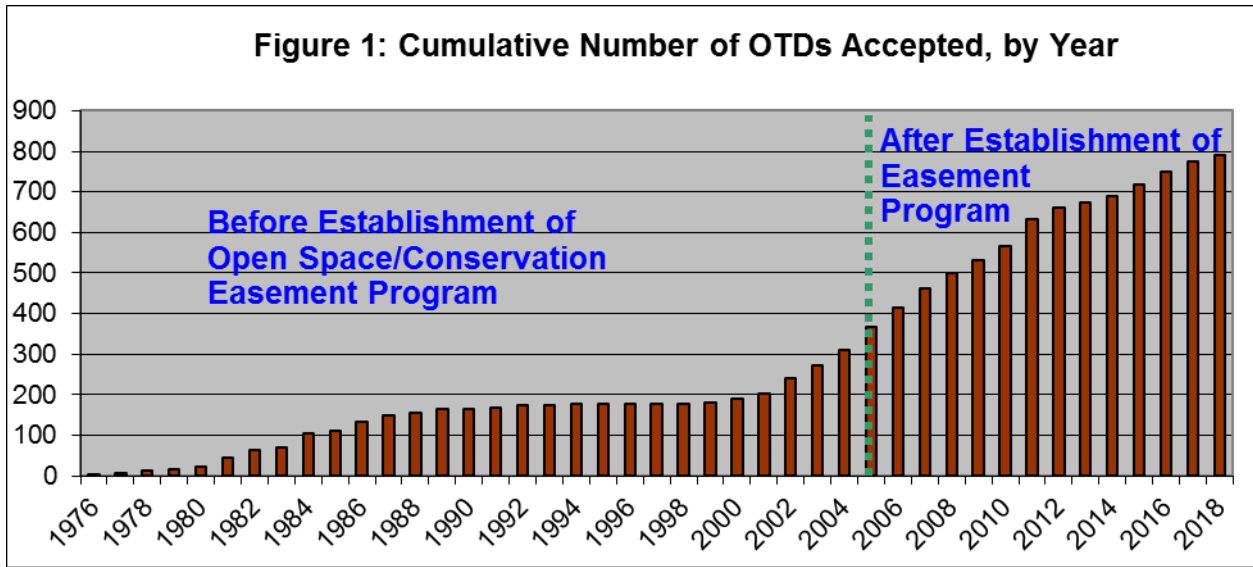
The majority of the open space/conservation easements are secured by the Commission as mitigation for coastal development permits approved by the Commission, either as Offers to

Dedicate (OTDs), which are then accepted by a third party, such as a local government or non-profit, or as Grants of Easements, where the easement is granted directly to the third party.

Similar to public access OTDs, the public resource benefits of a required open space or conservation OTD are not fully realized until an offer is accepted by a managing entity that agrees to hold and maintain the easement in perpetuity. Most OTDs have an irrevocable term of 21 years, after which they have the potential to expire unless they are accepted. To assure that the Commission's regulatory efforts result in permanent resource protection for the public, the Commission's Statewide Planning staff monitors the status of recorded OTDs, and works with a wide variety of potential management entities to facilitate the permanent acceptance of recorded OTDs. To date, 70 different government agencies and non-profit organizations have accepted open space OTDs.

Statewide Planning staff developed the Open Space/Conservation Easement program in response to the Commission's findings on a project to assess implementation of the coastal program in the Santa Monica Mountains (the Regional Cumulative Assessment Project, June 1999). The findings indicated that many OTDs recorded in the early 1980's as mitigation for development in the Santa Monica Mountains were approaching their 21-year-term date, beginning around the year 2000. Staff accelerated efforts to ensure that these OTDs were accepted by an appropriate entity before the term ran out, and developed a database to track the 21-year-term dates for all other recorded open space and conservation OTDs.

In addition to securing acceptance of outstanding OTDs, program staff devotes its resources to researching OTDs, capturing relevant data pertaining to each easement, such as specific resources being protected, acreage, Assessor Parcel Number or other locational information, identifying potential enforcement issues within easement areas, and coordinating with non-profits to facilitate monitoring efforts. **Figure 1**, below, illustrates the impact of the establishment of the Open Space/Conservation Easement Program.



Acceptances Achieved in 2018

In the last year, staff successfully negotiated acceptance of 11 OTDs covering more than 100 acres of sensitive lands. This year all of the accepted offers are in Los Angeles County and all but one retire lots in the Santa Monica Mountains under the Commission’s Transfer of Development Credit (TDC) Program. As a result of these TDC acceptances by the Mountains Recreation and Conservation Authority (MRCA), the development potential of 23 small lots was permanently retired. The remaining acceptance consists of fee title of over 100 acres of coastal sage scrub nestled between the Pacific Ocean and Trump National Golf Course in Rancho Palos Verdes. It was accepted by the City of Rancho Palos Verdes.

Attachment A includes the entire list of 2018 acceptances. Only one offer expired this year. This OTD was offered only to the City of Carlsbad or the California Department of Fish and Wildlife. Both entities declined to accept, noting that the area, consisting of 47 acres, was already protected by an open space easement dedicated to the City on the tract map.

Total Acceptances to Date

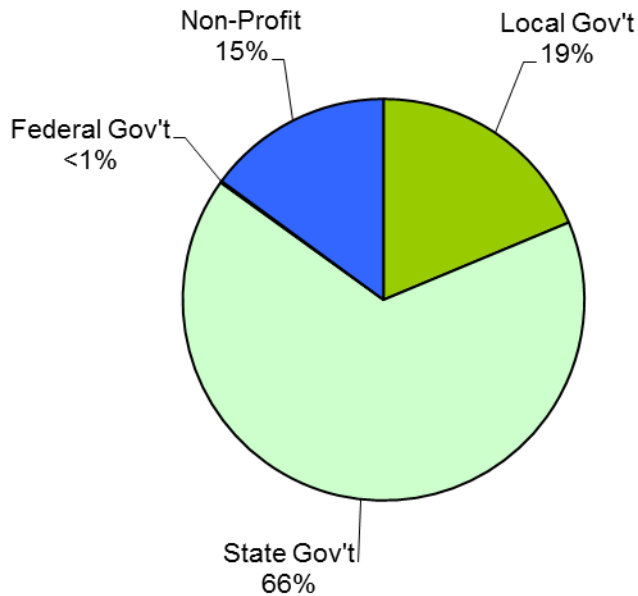
Despite the Commission’s limited resources to implement the Conservation/Open Space Program, staff has been able to negotiate the acceptance of 87% of the current outstanding Open Space OTDS required by the Commission since 1974. The accepted easements protect more than 11,000 acres of wetlands, ESHA, viewsheds, and agricultural and archaeological resources.

Overall Status of OTDs

	Total Number by End of 2018	Total Percent by End of 2018
Accepted	790	87%
Expired/Allowed to Lapse	35	4%
Remaining To Be Accepted	83	9%
TOTAL	908	100%

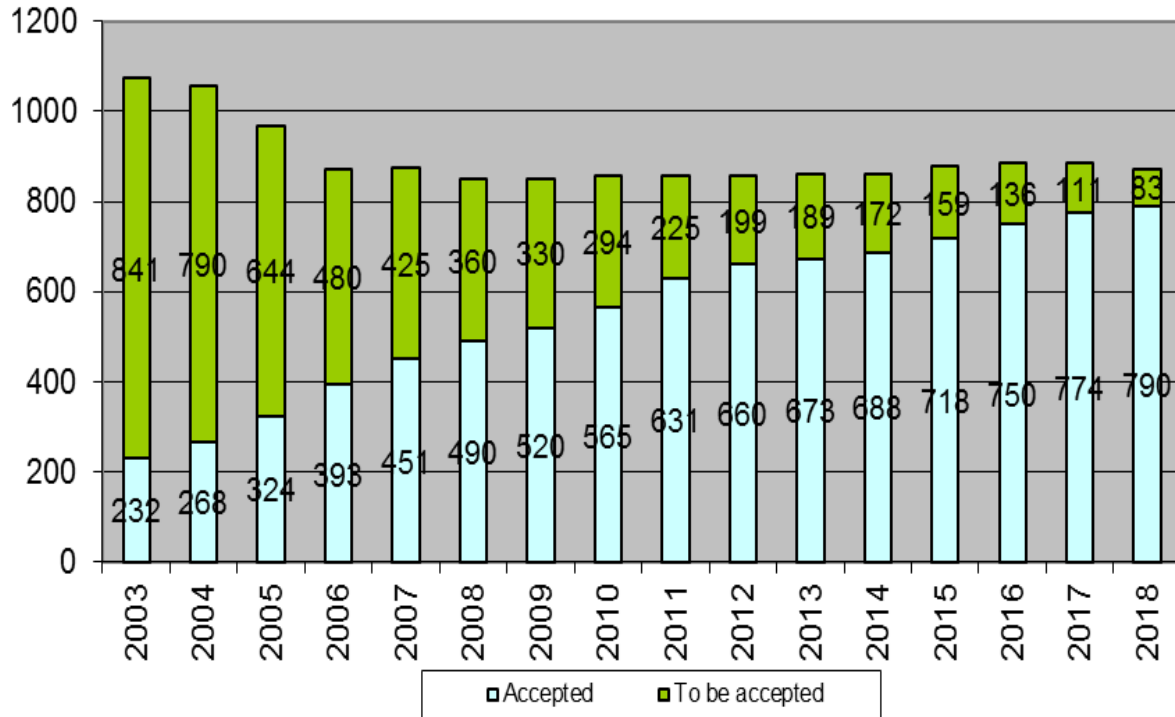
Attachment B includes a complete list of accepting entities. Public agencies have accepted 672, or 85% of the total conservation/open space OTDs accepted to date, while non-profit entities have accepted 118, or 15%. **Figure 2** depicts the distribution of accepting entities.

Figure 2: Accepting Entities



Progress in the last fifteen years since annual reports began is shown below in **Figure 3**¹.

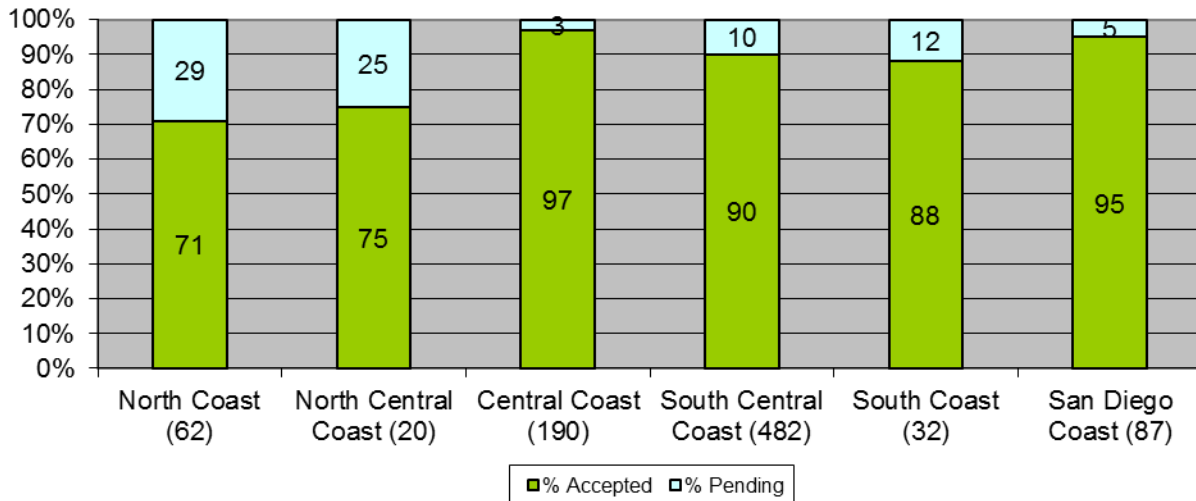
Figure 3: Status of OTDs Over Time



The Commission has achieved acceptance rates of nearly 70% in all districts, as shown in **Figure 4**, below. The acceptance rate in the Central Coast District in particular is of note. Ninety-seven percent of OTDs in this district have been accepted, primarily by the counties in this district (Santa Cruz, Monterey, and San Luis Obispo). The San Diego Coast District is nearing acceptance of nearly all of its OTDs as well; however accepting entities are evenly divided among non-profits, state and local governments.

¹ The overall total number of OTDs changes each year. Staff initially began this project with a written log of OTDs. However, as staff commenced in-depth research of the files containing OTDs it was found that each record in the log did not necessarily correspond to a recorded OTD. In many cases, the log noted that an OTD was required for a permit condition, but for various reasons, the permit was not issued and the OTD was never recorded. Additionally, the log did not reflect if a recorded OTD had been superseded or extinguished. Also, new OTDs are recorded and added to the total each year.

Figure 4: Percent Accepted by District, to Date



As **Figure 5**, below, indicates, a large number of OTDs are approaching their term date in 2020 and 2021. Staff has commenced work on the research and documentation for most of these upcoming OTDs.

Figure 5: OTDs to be Accepted, by Year of Expiration

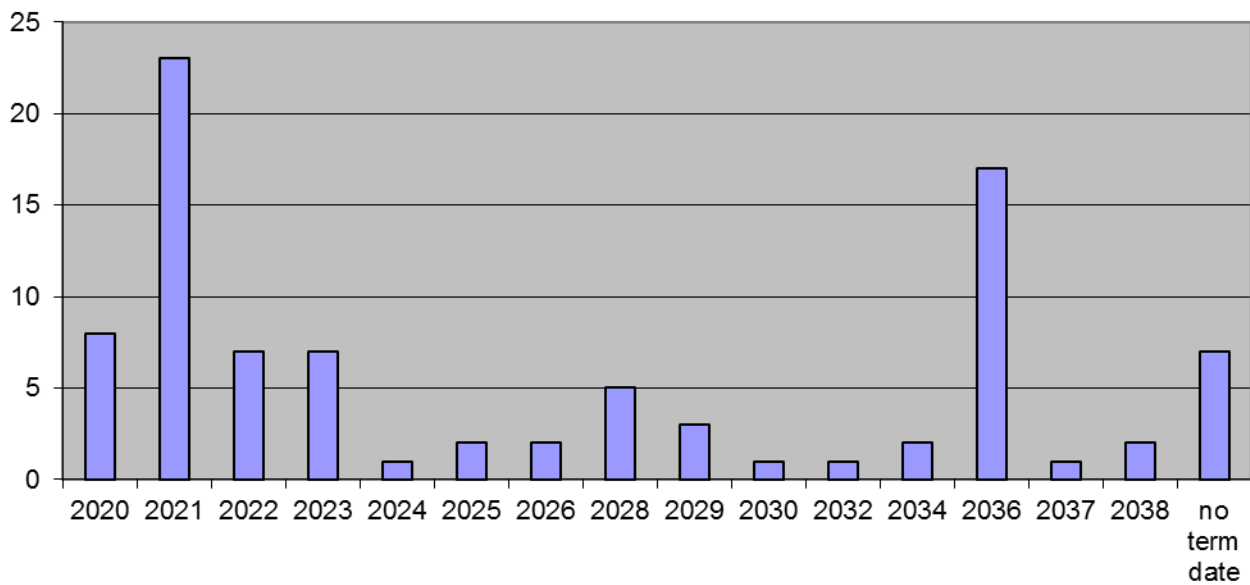
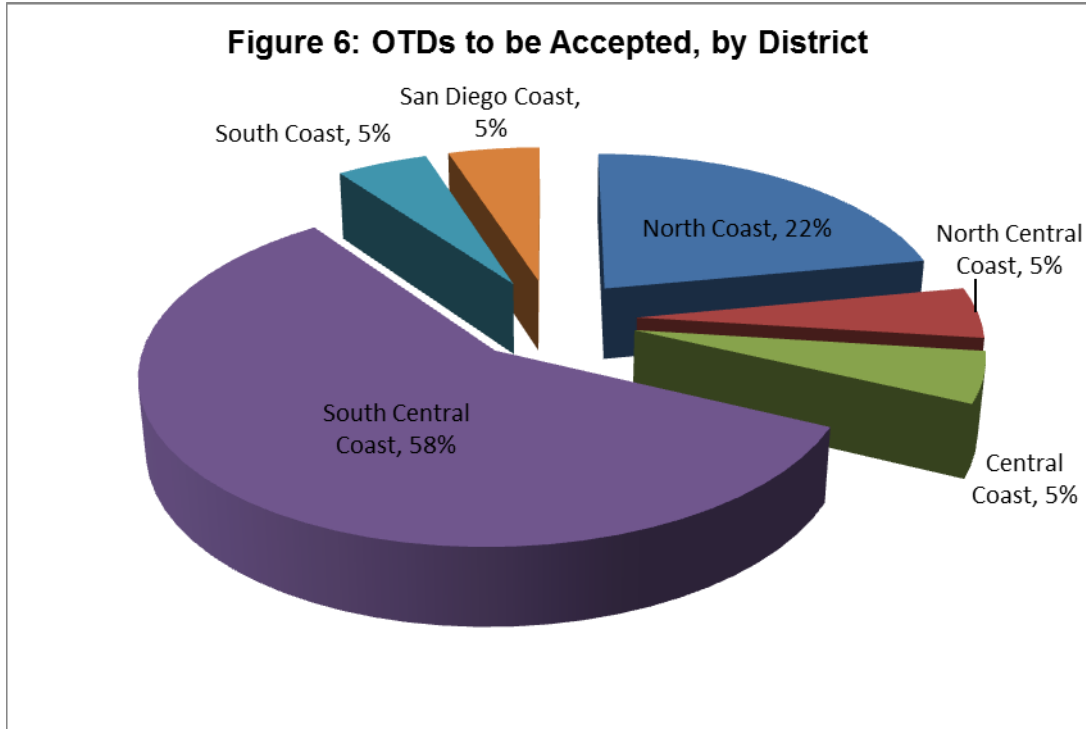


Figure 6, below, shows that the bulk of the outstanding OTDs are in the South Central Coast District in the Santa Monica Mountains. Commission staff maintains a strong working relationship with MRCA staff, enabling an efficient acceptance process for these OTDs.



Attachment C lists the OTDs that remain to be accepted.

Other Protected Open Space Land

In addition to requiring Offers to Dedicate and Grants of Easement to ensure that adverse environmental impacts of development are avoided or minimized, the Commission has also required deed restrictions (DRs) to protect sensitive areas. There are currently approximately 1,700 recorded deed restrictions protecting open space lands. Staff has tracked these recorded documents since the late 1970s, formerly in handwritten logs that staff has only partially transferred to the Commission's database. Currently, as new DRs are recorded, data is captured digitally. Because of limited staff resources and the necessity for staff to focus on the time-sensitive nature of OTDs, research and data transfer for the older DRs is not complete. Hence, while approximately 1,700 open space deed restrictions have been identified, the Commission is not currently able to report or comprehensively monitor the number of acres protected, specific locations or types of resources protected. This will be pursued as a future task as resources allow.

Alignment with the Commission's Strategic Plan

As noted earlier, the Open Space/Conservation Easement Program aligns with several of the goals and objectives of the Commission's Strategic Plan.

Goal 1: Maximize Public Access and Recreation

Objectives of Goal 1 include enhancing public access through constraints analysis and expansion of the California Coastal Trail (CCT) System through planning. Statewide Planning staff maintains a database of open space easements and deed restricted areas, including locational information which can then be used to identify sensitive areas in the proposed alignment of the CCT (some easements allow public access, but most do not).

Goal 2: Protect Coastal Resources

The Strategic Plan states, “*protecting and restoring sensitive coastal resources is...one of the highest priorities of the Commission.*” By securing permanent protection of lands dedicated to habitat preservation and agriculture, the Open Space/Conservation Easement Program advances achievement of this goal. To date, since the inception of the program, more than 11,000 acres of sensitive coastal resources have been permanently protected.

A specific objective of Goal 2 calls for the protection of coastal agriculture. OTDs, Grants of Easements, and Deed Restrictions are all effective mechanisms for protecting agricultural use in the Coastal Zone. To date, more than 2,000 acres (18% of the total acreage of protected lands), extending through more than half of the coastal counties, have been permanently preserved for agricultural use through the use of easements and deed restrictions required as mitigation for impacts from development.

Goal 3: Address Climate Change through LCP Planning, Coastal Permitting, Inter-Agency Collaboration, and Public Education

Some of the objectives of this goal include developing guidance for addressing the impact of sea level rise, including providing buffers for coastal wetlands and adaptation planning, which includes protecting wetland, marine and terrestrial habitats. More than 550 acres of wetlands and wetland buffers have been put into permanent protection through the use of easements and deed restrictions.

Goal 4: Strengthen the LCP Planning Program

Working with local governments to update LCPs where feasible is one of the objectives of Goal 4. When applicable, Statewide Planning staff share easement data with local governments to facilitate LCP work. For example, staff created a GIS layer depicting open space easements, deed restricted areas, and TDC donor lots in the Santa Monica Mountains which was then provided to County staff as part of its LCP planning efforts.

Goal 5: Improve the Regulatory Process, Compliance and Enforcement

Condition compliance continues to be a major workload issue for the Commission and Objective 5.3 lays out actions to improve the condition compliance work of staff.

The Open Space/Conservation Easement Program is part of the final process of condition compliance. Since the vast majority of easements stems from permit conditions, the acceptance of an Offer to Dedicate is the final step in ensuring that the impacts of approved development on coastal resources are mitigated. As OTDs come up for acceptance, Statewide Planning staff reviews conditions on the ground whenever possible, sometimes revealing unpermitted development or inappropriate uses of the easement areas. Staff then begins a dialog with District staff and Enforcement staff to attempt resolution. A prior example of resolution is in Half Moon Bay, where an unpermitted structure had been located in an open space deed restricted area, immediately adjacent to an open space easement protecting riparian habitat. Resolution of the violation was achieved by cooperative effort on the part of Statewide Planning staff, Enforcement staff, the local government and the property owner. The structure has been removed and the area is currently being restored. Other recent examples of violation resolution via collaborative efforts on the part of Statewide Planning and Enforcement staffs have occurred in Moss Landing, the Santa Monica Mountains, and Carlsbad.

The California Code of Regulations Section 13574 for LCP implementation contains provisions for Local Government reporting of Open Space Easements and Public Documents. Such provisions are usually included in LCP ordinances governing issuance of coastal development permits. Future monitoring of OTDs will need to review the implementation of these provisions and recommend enhancements for improved tracking and monitoring.

Goal 6: Enhance Information Management and E-Government

Goal 6 includes such actions as making “*the Commission’s permit and planning records ...available to the public via the Internet*” and completing “*the Commission’s digital document library for all Commission actions from 1973 to the present, including converting paper records to a searchable digital format, linking to the Commission’s final adopted reports, and linking all records to the CDMS. Make CDMS data available online as appropriate and as feasible.*” As OTDs are accepted and as new easements and deed restrictions are recorded, digital copies of the documents are archived by Statewide Planning staff, in preparation for linkage to the CDMS and the future public site.

Future Efforts of the Open Space/Conservation Easement Program

Staff is committed to maintaining the Open Space/Conservation Easement Program in order to ensure permanent mitigation for impacts on coastal resources. Staff will continue to capture resource data and make it available to enhance coastal management. In order to benefit staff and local planners in permit and LCP work, staff continues to further develop the attribute data describing the lands protected by OTDs and Deed Restrictions. In addition, staff continues to work with nonprofits and public agencies in order to enable them to carry out monitoring of the easements to assure ongoing protection. Without such capacities, coastal resources previously protected through Commission regulatory actions could be at risk of being lost.

2018 Acceptances

CDP#	Applicant	Purpose	Accepting Entity	Acres	Easement Resources and Location	County
South Central Coast District						
4-93-206	Stevens, John	TDC*	MRCA	0.15	Lot 138 and a portion of Lot 237 of Tract 6915, Topanga Woods SLS**	Los Angeles
4-94-195-A3	Eide, Barbara & Harold	TDC	MRCA	1.13	Lots 27-32, 48, 49 of Tract 9757, Malibu Lake SLS	Los Angeles
4-95-173	MHAB Trust	TDC	MRCA	0.27	Lot A of Tract 8848, plus portions of trail, Malibu Vista SLS	Los Angeles
		TDC	MRCA	0.38	Lot 88 of Tract 8848, plus portions of trail, Malibu Vista SLS	Los Angeles
		TDC	MRCA	0.55	Portion of Lot 1 of Tract 18322, tied to Lots 389, 390, 391 and 392 of Tract 6943, Topanga Oaks SLS	Los Angeles
5-89-878	Cariker & Kinzer	TDC	MRCA	0.22	Lots 287 and 288 of Tract 6943, Topanga Oaks SLS	Los Angeles
4-98-281	Cariker, James	TDC	MRCA	0.78	Lots 284-286, portion of Lot 1, Tract 6943, Topanga Oaks SLS	Los Angeles
5-90-1136	Ricciardone, Dominic	TDC	MRCA	2.02	East half Lot 26, Lot 27, West half Lot 28, Garapatas Tract	Los Angeles
4-97-138	Ricciardone, Dominic	TDC	MRCA	0.16	Portion of Lot 237 of Tract 6915, Topanga Woods SLS	Los Angeles
4-92-121	Florerfina Sahafi/Nikkho Mehrangiz	TDC	MRCA	0.06	Lot 131 of Tract 9289, Malibu Vista SLS	Los Angeles
South Coast District						
A-5-RPV-93-005	Palos Verdes Land Holdings Co. & Zuckerman Bldg Co	fee title	City of Rancho Palos Verdes	100.00	coastal sage scrub/chaparral adjacent to ocean at Trump National Golf Course	Los Angeles

* Transfer of Development Credit

** Small Lot Subdivision

Annual Report: Conservation Easements--Attachment B

Management Entities Holding Open Space Easements

	Managing Entity	# of Easements
	Government Agencies	
North Coast	Del Norte County	13
	Humboldt County	5
	City of Eureka	1
	City of Point Arena	1
North Central	Sonoma County Open Space District	1
	Marin County	1
	San Mateo County	1
Central Coast	Santa Cruz County	12
	City of Santa Cruz	1
	City of Capitola	1
	Monterey County	37
	City of Marina	3
	City of Sand City	1
	City of Monterey	2
	City of Pacific Grove	4
	City of Carmel-by-the-Sea	1
	San Luis Obispo County	12
	City of Morro Bay	2
	City of Grover Beach	1
South Central	Santa Barbara County	1
	City of Goleta	1
	City of Oxnard	1
	Los Angeles County Flood Control District	1
	Mountains Recreation and Conservation Authority	392
	Santa Monica Mountains Conservancy	4
South Coast	City of Los Angeles	1
	City of Rancho Palos Verdes	1
	Orange County	5
	City of Huntington Beach	1
	City of Newport Beach	3
	City of Laguna Beach	2
San Diego Coast	San Diego County	6
	San Dieguito River Valley Regional OS Park JPA	2
	City of Carlsbad	9
	City of Encinitas	7
	City of San Diego	4
	City of Imperial Beach	1
Statewide	Coastal Conservancy	83
	Dept of Fish and Wildlife	38
	Dept of Parks and Recreation	5
	State Lands Commission	1
Federal	U.S. Army Corps of Engineers	1
	<i>table continued on next page</i>	

	<i>table continued from previous page</i>	
	Non-Profit Entities	
North Coast	North Coast Land Trust	1
	Jacoby Creek Land Trust	1
	Mendocino Land Trust	5*
	Moat Creek Managing Agency	1
North Central	Marin Agricultural Land Trust	1
	Agricultural Land Trust	1
	Coastside Land Trust (formerly Half Moon Bay Open Space Trust)	4
Central Coast	Land Trust of Santa Cruz County	4
	Ag Land Trust (formerly Monterey County Agricultural & Historical Land Conservancy)	3
	Elkhorn Slough Foundation	8
	Monterey Peninsula Foundation	1
	Del Monte Forest Foundation	22
	Big Sur Land Trust	3
	Santa Lucia Conservancy	1
	Environmental Center of SLO County	1
	San Luis Obispo Land Conservancy	3
	Greenspace Cambria	1
South Central	The Land Trust of Santa Barbara County	1
	Mountains Restoration Trust	19
South Coast	The Huntington Beach Wetlands Conservancy	1
	Laguna Greenbelt	2
	Newport Bay Conservancy	1
San Diego Coast	Agua Hedionda Lagoon Foundation	4
	Batiquitos Lagoon Foundation	7
	San Elijo Lagoon Conservancy	9
	Los Penasquitos Lagoon Foundation	1
	Friends of Los Penasquitos Canyon Preserve, Inc.	8
Statewide	Sierra Club	2
	Total	790

*Three easements were transferred from Coastal Land Trust to Mendocino Land Trust in 2014.

Annual Report: Conservation Easements--Attachment C

Open Space/Conservation Offers to Dedicate (to be accepted)*

Jurisdiction	CDP#	Applicant	Purpose	Term Date
North Coast District				
Del Norte County	1-13-009	Border Coast Regional Airport Authority	open space	2/18/2036
			open space	2/26/2036
			open space	3/9/2036
			open space	3/10/2036
			open space	3/10/2036
			open space	3/12/2036
			open space	3/17/2036
			open space	3/18/2036
			open space	3/20/2036
			open space	4/1/2036
			open space	4/3/2036
			open space	4/3/2036
			open space	4/3/2036
Humboldt County	A-141-78	Arras	open space	no term date
	79-P-127	Leo Fredrickson	open space	no term date
	79-P-053	Sullivan	open space	no term date
	79-CC-201	Edwin Frederickson	open space	no term date
North Central Coast District				
Sonoma County	284-78	Loren Berry	open space	no term date
Marin County	2-02-010	Whitt, Michael	open space	6/10/2029
San Mateo County	A-2-SMC-99-066	David Lee and Cheryl Moser	habitat protection	4/10/2023
City of Half Moon Bay	A-1-HMB-99-022	Ailanto Properties	open space	5/23/2032
Central Coast District				
Santa Cruz County	A-3-SCO-98-101	Bailey and Steltenpohl	habitat protection	11/19/2023
City of Sand City	A-3-SNC-98-114	Monterey Bay Shores	habitat protection	10/27/2036
City of Pacific Grove	3-96-102-A2	Douglas Johnson	conservation	8/5/2024
City of Morro Bay	A-3-MRB-06-064	Colmer, Wayne & Black Hill Villas	open space	4/5/2038
San Luis Obispo/Santa Barbara Counties	D980558D	Unocal	open space/public use	9/17/2025

*Data is preliminary because research has not been completed on every file

Annual Report: Conservation Easements--Attachment C

Open Space/Conservation Offers to Dedicate (to be accepted)*

Jurisdiction	CDP#	Applicant	Purpose	Term Date
South Central Coast District				
Santa Barbara County	A-4-STB-06-054	Chase, Christopher & Kathryn	open space	8/16/2034
			open space	8/16/2034
Los Angeles County, Santa Monica Mountains (all offers expected to be accepted by MRCA)	5-91-436	BMIF/BSLF II Rancho Malibu Ltd	TDC	6/9/2020
			TDC	6/9/2020
			TDC	6/9/2020
	5-90-525	Fred Winograd	TDC	6/30/2020
	4-98-196	Omata	TDC	6/30/2020
	5-91-436	BMIF/BSLF II Rancho Malibu Ltd	TDC	7/1/2020
	5-91-436	BMIF/BSLF II Rancho Malibu Ltd	TDC	11/16/2020
	5-91-436	BMIF/BSLF II Rancho Malibu Ltd	TDC	2/16/2021
	4-99-263	Groisman, Guillermo	GSA	7/3/2021
	5-89-878	CARIKER & KINZER	TDC	7/12/2021
			TDC	7/12/2021
	5-91-436	BMIF/BSLF II Rancho Malibu Ltd	fee title	8/2/2021
	5-85-214-A3	GHOSN, MICHAEL	TDC	8/14/2021
			TDC	8/14/2021
			TDC	8/14/2021
			TDC	8/14/2021
			TDC	8/14/2021
			TDC	8/14/2021
			TDC	8/15/2021
	4-00-028	Layman Financial	TDC	10/12/2021
			TDC	10/12/2021
	5-91-436	BMIF/BSLF II Rancho Malibu Ltd	TDC	11/17/2021
			TDC	12/7/2021
			TDC	12/7/2021
			TDC	12/7/2021
			TDC	12/7/2021
			TDC	12/14/2021
	4-00-097	Everett Rollins	TDC	2/8/2022
TDC			2/8/2022	
5-91-436	BMIF/BSLF II Rancho Malibu Ltd	TDC	2/8/2022	
4-00-013	Gary & Jennine Isbell	TDC	7/17/2022	
5-88-273	Kanan Properties	TDC	8/14/2022	
4-01-046	PCH-Tyler Associates, Inc	TDC	9/18/2022	
		TDC	9/18/2022	

*Data is preliminary because research has not been completed on every file

Annual Report: Conservation Easements--Attachment C

Open Space/Conservation Offers to Dedicate (to be accepted)*

Jurisdiction	CDP#	Applicant	Purpose	Term Date
Los Angeles County, Santa Monica Mountains (all offers expected to be accepted by MRCA)	4-01-080	Amber Asfour	TDC	2/21/2023
	4-00-195	Mr. & Mrs. John Simons & Philip Rundel	TDC	7/17/2023
	4-00-044	Blank Par-E LLC	TDC	7/23/2023
	4-00-115	Stewart, Raymond	TDC	10/25/2023
	4-00-234	Rochester Fund	TDC	2/11/2025
	5-82-192-A2	Perenchio, A. Jerrold	fee title	no term date
	4-06-001	Philip Embleton	TDC	6/18/2028
	4-04-121	Miran Enterprises	TDC	9/24/2028
	5-88-639	Barry Cappello	TDC	9/24/2028
	4-05-141	Jeffrey Biebuyck	TDC	9/24/2028
	4-06-034	Neil, Ed	TDC	7/21/2029
<i>South Coast District</i>				
City of Rancho Palos Verdes	A-5-RPV-02-324-A1	Long Point	habitat protection	5/10/2028
	A-5-RPV-93-005	Palos Verdes Land Holdings Co. & Zuckerman Bldg Co	conservation conservation	9/18/2023 10/17/2023
Orange County	5-05-020	Hearthside Homes/Signal Landmark	fee-open space	12/5/2026
<i>San Diego Coast District</i>				
City of San Diego	6-98-124	BRE Properties	open space	6/29/2020
	6-03-098	Pardee Homes	fee title-open space	7/24/2029
			fee title-open space	5/7/2030
A-6-NOC-12-005	Sorrento Pointe I and II L.P.	open space	4/9/2036	

CALIFORNIA COASTAL COMMISSION

45 FREMONT STREET, SUITE 2000
 SAN FRANCISCO, CA 94105-2219
 VOICE (415) 904-5200
 FAX (415) 904-5400
 TDD (415) 597-5885



13th Status Report on Round 2 Local Coastal Program Grants

The following is a summary of the work completed under the 13 Local Coastal Program Grant agreements (listed from North to South) awarded in Fiscal Year 2014-2015 from April 1, 2015 through September 30, 2018. Funds spent up to September 30, 2018 total \$1,834,405.57 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): In Progress. Coordination with the City of Eureka, Commission Staff and the Harbor District is ongoing.
 - 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): In Progress. The County presented at sea level rise workshops held at the Fairhaven/Finntown and King Salmon/Fields Landing sites. The draft HBAP tsunami policy framework was also discussed and the County is currently working on the tsunami land use policies and mapping, as well as participating in the Tsunami Land Use Planning Advisory Group.
 - Policy Options (Task 4): Complete. Sea level rise policies have been drafted, though additional revisions are ongoing as the County continues to incorporate updated information.
 - Industrial (coastal-dependent) Policy Options (Task 5): In Progress. The County is reviewing its completed Humboldt Bay Maritime Industrial Use Market Study for revisions based on updated information.
 - Finalize Updated LCP for Certification (Task 6): Not Started.
- **Grant Term:** April 27, 2015 – December 31, 2018

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

- **Project Summary:** The City of Trinidad will complete a comprehensive update of its Local Coastal Program (LCP) to address climate change and current community conditions. The grant project includes: certification of the Trinidad Harbor Area of Deferred Certification; development of a cultural resources element of the Land Use Plan, with an emphasis on the Tsurai Study Area, and incorporation of policies and recommendations of the Tsurai Management Plan; integration of policies and adaptation measures to address the impacts of climate change, and in particular sea level rise; coordination and consultation with Coastal Commission staff and other stakeholders; revision of the Implementation Plan; and adoption and certification of the LCP.
- **Work Completed:**
 - Stakeholder Coordination (Task 1): In Progress. City staff met with the Executive Director of the Trinidad Coastal Land Trust and the Planning Commission reviewed updated LUP elements. Regular updates have been provided to the City Council.
 - Climate Change Planning (Task 2): In Progress. A draft and final Climate Change Vulnerability Report has been completed and made available to the public. The City continues to work on drafting SLR-related policies and recommendations.
 - Needs Assessment for Implementation Plan (Task 3): Complete.
 - Tribal Consultation (Task 4): In Progress. A new draft cultural resources element was completed and distributed to tribal representatives. The City continues to meet with tribal and Coastal Commission staff.
 - Policy Development for Trinidad Harbor ADC (Task 5): In Progress. Planning Commission review of the draft Harbor policies is currently in progress.
 - LCP Update (Task 6): In Progress. The City continues to update individual LCP chapters and has compiled relevant policies from other LCPs for inclusion.
- **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; LUP and IP updates; and certification of the LCP update.
- **Work Completed:**
 - Coastal Commission Engagement (Task 1): In Progress.
 - Intergovernmental Coordination (Task 2): In Progress.
 - Public Outreach (Task 3): In Progress. The City conducted five Planning Commission meetings and one GPAC meeting, which covered the draft Plan Morro Bay and the Zoning Code 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): In Progress. The City has 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. Since then, three Planning Commission meetings have been held to discuss the Public Draft.
 - Implementing Ordinances (Task 8): In Progress. The City has continued to draft the updated Implementation Plan, while the GPAC and Planning Commission have continued to review completed modules.
- **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). The grant project consists of interagency coordination and public involvement, the development of a Sea Level Rise (SLR) Analysis and Adaptation Policies Report, and an update to the Land Use Plan and Implementation Plan.
- **Work Completed:**
 - Public Outreach (Task 1): Ongoing.

- Finalize Sea Level Rise Report (Task 2): Complete. The City completed the final draft of its Vulnerability Assessment.
- 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): Ongoing. The City completed the Adaptation Strategy Report and continues to make revisions based on Commission staff comments. The Existing Conditions and Public Access Plan for the Ormond Beach Restoration project have also been prepared.
- LCP Update (Task 5): Ongoing. A full draft of the LUP was completed and submitted to the Commission in May 2018. The City continues to integrate results from the Sea Level Rise Report and Vulnerability Assessment into the LUP update.
- Environmental Review (Task 6): Ongoing. The City received Coastal Commission comments on the Sea Level Rise and Coastal Hazards section of the LUP and is revising accordingly.
- Coastal Commission Submittal (Task 7): Not Started.
- Coastal Commission Certification (Task 8): Not Started.
- **Grant Term:** June 1, 2015 – March 1, 2019

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

- **Project Summary:** The City of Santa Monica will produce a revised Land Use Plan to reflect the latest data and research in regard to coastal issues, including the impacts associated with climate change, and will incorporate multi-modal transportation policies of the City and of regional agencies. The project includes identifying and updating relevant LUP policies, community engagement, developing an implementation plan outline, assessing climate change vulnerability, and developing policies to address potential threats from sea level rise (SLR) and climate change. In conjunction with the LUP update under this grant project, the City will complete its Implementation Plan under a separate grant awarded by the Coastal Commission in August 2016.
- **Work Completed:**
 - 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): In Progress. The Final Draft LUP was released in July 2018, with local adoption scheduled for October 2018.
- **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 updating the Land Use Plan (LUP) and preparing a draft outline for the Implementation Plan (IP), as well as public outreach and the preparation of a sea level rise (SLR) vulnerability assessment for the Venice segment.
- **Work Completed:**
 - Public Outreach (Task 1): In Progress. All public workshops have been completed, while Technical Advisory Group meetings, maintenance of the project website and regional coordination remain ongoing.
 - Land Use Plan Revisions (Task 2): In Progress. The City has completed a SLR scope of work, a policy matrix and numerous draft chapters of the LUP, including the Introduction section, and chapters on Planning and Development, Scenic and Visual Resources, Cultural and Archaeological Resources, Public Infrastructure, Recreation Visitor-Servicing Facilities, ESHA and Natural Resources, Water Quality, and Public Infrastructure. For the Coastal Hazards Chapter, the City has completed a first draft which is being revised as Commission staff provides comments. The Venice segment draft Vulnerability Assessment has also been completed and submitted to Commission Staff in May 2018, with comments provided to the City in June and August 2018. The City has also continued working on its Parking Study Assessment, with a Venice Beach Parking Strategies meeting held in July and an in-lieu fee memo drafted as well.
 - Draft Outline for Implementation Plan (Task 3): In Progress.
- **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 project will include an analysis of the portion of the unincorporated County located within the coastal zone and the development of related policy for public access, recreation and visitor-serving facilities, water quality protection, sensitive natural habitats, land use and development standards, and coastal scenic resource protection. The County's adopted General Plan will be used as the foundation of the LCP and the project will include collaboration with the Cities of Del Mar, Solana Beach, Encinitas, Carlsbad, and other relevant regional entities.
- **Work Completed:**
 - Project Preparation (Task 1): Complete.
 - Developing of Existing Conditions and Key Issues Report (Task 2): Complete. The County completed its Existing Conditions Report but will incorporate revisions as the LUP is refined.
 - Community Outreach (Task 3): Ongoing.
 - 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.
 - Development of Draft IP (Task 5): Complete. The County has completed its draft IP.
 - Review Comments on Draft LCP and Revise (Task 6): In Progress. The County has adopted its LUP and is now working on completing its review of the draft IP to incorporate Commission staff comments.
 - Public Review (Task 7): In Progress. The public review period for the final draft LUP has ended with the adoption of the LUP by the County's Board of Supervisors in September 2018. Public review of the IP is anticipated to commence in February or March of 2019.
 - Public Hearings and Submittal to Commission (Task 8): In Progress. Local adoption of the LUP is complete following its adoption by the County Board of Supervisors on September 12, 2018. The LUP is scheduled for Executive Director Determination that the local adoption is legally-adequate at the December 2018 hearing, which will result in the full certification of the LUP

update. The IP update is anticipated to be locally-adopted in February or March of 2019.

- **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.
- **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): In Progress. The City has prepared various chapters of the draft LUP and draft IP; work is ongoing and is anticipated to be completed by April 2019.
 - Coordination with Commission Staff and stakeholders (Task 4): Ongoing.
 - **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

CALIFORNIA COASTAL COMMISSION

45 FREMONT STREET, SUITE 2000
SAN FRANCISCO, CA 94105-2219
VOICE (415) 904-5200
FAX (415) 904-5400
TDD (415) 597-5885

**7th 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 September 30, 2018. Funds spent up to September 30, 2018 total \$1,471,330.07 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 on September 15, 2018 and continues to update it LCP.
 - City Public Hearings (Task 5): Not Started.
- **Grant Term:** 5/10/2017 – 12/31/2018

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 a draft map of its Environmentally Sensitive Habitat Areas (ESHA) and has submitted several refined versions based on input from City staff, the City’s policy consultant and the Planning Commission subcommittee. The City continues to work on refining a draft ESHA narrative for its LUP ESHA chapter, as well as revisions to the agriculture and scenic & visual resource chapters based on map revisions and input from relevant stakeholders.
 - Hearings and Adoption (Task 2): Not Started.
- **Grant Term:** 1/17/2017 – 5/31/2019

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.
 - SLR Adaptation Strategy Modeling (Task 3): Complete. The City’s final draft report on potential SLR adaptation measures has been completed.
 - 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 still to be completed. 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.
- **Grant Term:** 2/27/2017 – 12/31/2018

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

- **Project Summary:** The City of Santa Barbara will develop a draft Local Coastal Program (LCP) amendment to incorporate information from a comprehensive Sea Level Rise (SLR) Adaptation Plan that will build off of prior SLR planning work under the Commission’s Round 1 LCP grant. The City will review additional modeling products for applicability and complete an analysis of impacts and feasible adaptation strategies for low-lying and coastal bluff areas in the City’s coastal zone. This information will be synthesized with an economic analysis of a range of adaptation strategies to be used to draft policies and development standards for inclusion in the City’s Land Use Plan (LUP) and Implementation Plan (IP). This will be closely aligned with the City’s public outreach efforts. A 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. A public workshop for the SLR Vulnerability Assessment has also been scheduled for December 2018. Meeting notices, materials, and minutes for the SLR Adaptation Plan Subcommittee are available online. The subcommittee began meeting twice a month since August.
 - Sea Level Rise Adaptation Plan (Task 2): In Progress. The City has completed an administrative draft of its SLR Vulnerability Assessment and pending interdepartmental review, anticipates submitting the administrative draft to Commission staff for review in October 2018. An administrative draft of the Economic and Fiscal Impacts has also been completed, while a list of Adaptation Strategies has also been prepared.
 - Policy Development for Lower-Cost Visitor-Serving Accommodations (LCVSA) (Task 3): In Progress. The Draft Inventory of Overnight

Accommodations was completed during this reporting period; the City is now working on its report on overnight accommodations and policy development.

- **Grant Term:** 1/1/2017 – 4/15/2019

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): In Progress. The City has completed a revised draft of the Sea Level Rise Vulnerability Assessment based on Commission staff comments on the administrative draft. An Administrative Draft of the Adaptation Plan is currently in progress as conceptual adaptation policies have been drafted.
 - Develop Draft GP/LCP Policies (Task 7): In Progress. The City has commenced with its update of the GP/LCP, with draft policies prepared under two LUP chapters: Healthy Communities and Circulation.
- **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): In Progress. The County completed its draft coastal hazard vulnerability and risk assessment, which is being revised and finalized based on Commission staff, stakeholder, and public input.
 - Preliminary Regulatory and Adaptive Strategies and Options (Task 3): In Progress. The County continues to identify regulatory and adaptive management techniques based on an economic analysis of coastal resources that are vulnerable. Numerous interviews for the purpose of identifying regulatory and adaptive strategy options have been completed as well, including with Coastal Commission staff, State Parks, Caltrans, Watershed Protection District, Transportation Department, Harbor Department, Agricultural Commissioner and the Navy. The County has also conducted a Natural Resources Workshop with over 15 attendees from various agencies.
 - Develop Preliminary Draft CAP Policies (Task 4): Not Started.
 - Prepare Draft Documents, Recommendations, and Conduct Board of Supervisors Hearing (Task 5): Not Started.
- **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 a draft Local Coastal Program (LCP) Implementation Plan (IP) for City Council adoption and submittal to the Coastal Commission. The grant project will entail increased community outreach through public meetings, local government study sessions, and public comment periods to inform the IP development process, and will coincide with the City’s Round 2 grant project in which the City is updating its Land Use Plan (LUP).
- **Work Completed:**
 - Project Initiation (Task 1): In Progress. The City initiated the grant project by executing the grant agreement and drafting the consultant Request for Proposals (Task 1).
 - Draft Implementation Plan (Task 2): Not Started. Work on the Implementation Plan is set to commence in early 2019 now that the final draft

LUP has been locally-adopted by the City as part of the City's Round 2 LCP Grant efforts.

- *Grant Administration: The City is currently working with Commission staff to extend its grant term to 12/31/2019.*
- **Grant Term:** 1/19/2017 – 9/30/2019

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): In Progress. 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.
 - Technical Studies (Task 3): In Progress. The City has inventoried parking data related to private parking in the Coastal Zone, as well as developing draft parking policy categories; the City's parking analysis is now nearing completion. The City has also reviewed State's 2018 Sea Level Rise Guidance Update as well as new Coastal SLR policy guidance updates for the purpose of preparing the Sea Level Rise technical study.
 - 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.
 - Refine the Draft Implementation Plan (Task 5): Not Started.
- **Grant Term:** 6/5/2017 – 12/30/2019

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

- **Project Summary:** The City of Seal Beach will develop its first Local Coastal Program (LCP) for submittal and Commission certification. Grant work includes a community outreach program; development of a Sea Level Rise (SLR) Vulnerability Assessment and Adaptation Plan; preparation of LCP drafts and maps (including a programmatic inventory of biological and wetland resources); local adoption of the LCP, and submittal of the LCP to the Commission for certification.
- **Work Completed:**
 - Project Kickoff and Define Scope (Task 1): In Progress. The City has hired a consultant and has continued with data collection related to the development of a Sea Level Rise Assessment under task 4.
 - Consultation with CCC Staff (Task 2): Ongoing.

- Community Outreach Program (Task 3): Not Started.
- Sea Level Rise Assessment (Task 4): In Progress. The City continues to collect data and evaluate SLR scenarios.
- **Grant Term:** 12/12/2017 – 7/31/2019

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.
 - Conduct SLR Vulnerability and Risk Assessment for Infrastructure, Economic, and Ecological Conditions (Task 5): In Progress. The City has continued with its identification and assessment of land uses at risk, as well its evaluation of adaptation measures in relation to their costs and benefits.
 - Draft LCPA (Task 6): In Progress. The City has continued to discuss the LUP with Commission staff, gathered background documents, and prepared a baseline LCP document. More recently, an outline of policies and standards was reviewed by City staff and comments provided to the consultant for incorporation into the draft LCPA.
- **Grant Term:** 6/19/2017 – 12/31/2019

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

- **Project Summary:** The City of San Clemente will submit its Land Use Plan (LUP) to the Commission for certification and develop its Implementation Plan (IP). Grant work will include possible revisions to the LUP; further development of existing Sea

Level Rise (SLR) studies based on best available science, including the City's Vulnerability Assessment; and the drafting and development of the City's IP, which will incorporate implementation measures based on the findings of the SLR studies. The City will also conduct public outreach meetings and workshops focused on the SLR studies and IP draft, as well as executing a targeted LUP amendment to incorporate SLR findings. Following submittal of the IP to the Commission, certification will occur outside the grant term.

- **Work Completed:**
 - Coastal Commission Engagement (Task 1): Ongoing. The City continues to hold internal meetings and monthly check-ins with Commission staff.
 - 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 incorporated Commission staff comments on its SLR scenarios and updated CoSMoS data into its draft SLR study, which was submitted to the Commission in August 2018; revisions will commence pending Commission review by October 2018.
 - Public Outreach (Task 4): In Progress. 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. A third public outreach meeting, which will cover the SLR study and IP together, is scheduled for the winter or spring.
 - Draft Implementation Plan (Task 5): In Progress. The City has continued with drafting the IP map and IP graphics as part of the Draft IP; a draft IP outline is now complete.
- **Grant Term:** 3/13/17 – 12/31/2019

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 has completed its Vulnerability Assessment, which will be the subject of a first public workshop scheduled for November 2018. A kickoff meeting in August 2018 related to the City’s economic and fiscal impact analysis of potential adaptation strategies has also been held. Lastly, in anticipation of the workshop in November, the City has prepared relevant outreach materials.
 - Community Outreach (Task 4): Ongoing. The City has developed a webpage and solicited input from online surveys, while a public workshop has been scheduled for November 2018 for discussion of the completed Vulnerability Assessment and potential adaptation strategies.
 - Policy Development – LUP Update (Task 5): In Progress. The City has prepared background studies addressing existing conditions in the coastal zone as part of its LUP policy update.
- **Grant Term:** 4/27/2017 – 12/31/2018

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:**

- 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): In Progress. All technical studies have been adopted by the Planning Commission and City Council; however a second reading of the Council Ordinance approving these LCP Amendments is scheduled for late October 2018.
- Submit to CCC (Task 6): In Progress. All technical studies have been adopted by the Planning Commission and City Council; however a second reading of the Council Ordinance approving these LCP Amendments is scheduled for late October 2018. The LCP Amendments will thus be submitted following Council adoption in late October 2018.
- **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): Completed. The City has completed an administrative and final draft of the LUP.

- Update LCP Implementation Plan (Task 3): In Progress. The City has continued with its development of an administrative draft IP. A first Steering Committee meeting was also held in June 2018, while a second was held in September 2018 in conjunction with a public workshop on the IP.
- **Grant Term:** 2/24/2017 – 12/31/2019

CALIFORNIA COASTAL COMMISSION

45 FREMONT STREET, SUITE 2000
SAN FRANCISCO, CA 94105-2219
VOICE (415) 904-5200
FAX (415) 904-5400
TDD (415) 597-5885

**4th 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 September 30, 2018. Funds spent up to September 30, 2018 total \$105,691.21 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): In Progress. The County has identified impacted property owners and has conducted interviews. Stakeholder meetings have also been prepared for and presented at workshops.
 - Develop Adaptation Report (Task 2): In Progress.
- **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 commenced with its research of hazard management plans in surrounding communities and has worked with a geologist to develop a scope for this task.
- Water Supply Assessment (Task 2): In Progress. The City compiled existing water supply assessments, water plant information and flow data.
- **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 a preliminary build out analysis for the project and has completed a tsunami study. An analysis of the botanical and wetland delineations of the Mill site has also been completed along with the Lower Cost Visitor Serving Facilities 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 22 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. Preparation of an administrative draft LCP Amendment continues, as the City works on integrating new policies and regulations into the LCP.
- **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): In Progress. The City commenced with developing a robust outreach program in August 2018.
- **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 commenced with data collection and research.
- **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): In Progress. The City’s Request for Proposal was issued and a kick-off meeting was held in July and August 2018. The community engagement plan has also been drafted.
 - Assessment Preparation (Task 2): The City has reviewed CoSMoS data as part of its analysis of sea level rise hazards and has commenced with its compilation of data on coastal resources and baseline economic data. The City has also commenced with its preparation of the draft vulnerability assessment by preparing a report outline, evaluating SLR scenarios, and researching topography and bathymetry data.
 - Targeted LCP Amendment (Task 3): Not Started.

- **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 has prepared a draft scope of the sea level rise vulnerability assessment. An initial coordination meeting with Commission Staff to discuss the draft scope was held in April 2018. Data collection is currently in progress for the development of a draft SLR Vulnerability Assessment.
 - Public Outreach & Coordination (Task 3): In Progress. Outreach plan for workshops, online engagement and collaboration are all under development.
- **Grant Term:** 1/12/2018 – 12/31/2019