

Local Coastal Program and Sea Level Rise Planning Efforts in Progress

Sea Level Rise Planning Grants

- **LCP Planning Grant** – Grants for LCP updates or certifications, with emphasis on climate change; administered by the Coastal Commission. \$1 million was awarded January 2014. An additional \$1 million will be available for FY 2014-2015.
- **LCP SLR Grant** - \$2.5 million in funding for LCP updates to address sea level rise; administered by the Ocean Protection Council in partnership with CA Coastal Commission and State Coastal Conservancy. \$1.3 million awarded November 2013. Second round of grants available for FY 2014-2015.
- **Climate Ready** - Funding for climate change-related projects administered by CA State Coastal Conservancy. One-year grant program. Grants awarded since 2009; \$3 million awarded in January 2014. Future grant rounds expected.

Sea Level Rise Planning Grant Recipients

LCP Jurisdiction	Year Effectively Certified	Climate Ready (SCC)	LCP SLR (OPC, CCC, SCC)	LCP Planning (CCC)	Summary of Grant Awards & Current Efforts
North Coast					
Humboldt County	1986			\$29,000	Received funds from CCC to certify 3 ADCs, including a managed retreat plan for Big Lagoon. Has started to address SLR as part of regional Humboldt Bay SLR Adaptation Working Group. Plans to reapply for LCP Planning & LCP SLR funds to address SLR in LCP Amendment
Humboldt Bay (multiple jurisdictions)	N/A	\$295,000			Detailed shoreline conditions map completed. Sea level rise inundation mapping, and adaptation strategies are currently under development.
City of Arcata	1989	\$86,000		\$54,000	In process of updating LCP to address SLR. Received Climate Ready funds to assess living shorelines, and CCC funds to complete LCP certification. Coordinating with regional efforts.
City of Eureka	1984		\$250,000		In process of comprehensive LCP update, including update to address SLR. Received LCP SLR Grant to conduct vulnerability analysis and develop SLR policies. Coordinating with regional effort.

North Central Coast					
Sonoma County	1982		\$150,000		In process of comprehensive LCP update, including to address SLR. Received LCP SLR funds to address sea level rise. LCP update is underway, and is addressing sea level rise.
Marin County	South Unit I 1981; North Unit II 1982		\$200,000	\$54,000	Comprehensive LCP update underway. Received LCP SLR funds to address SLR vulnerability and CCC funds to develop SLR policies, engage public, and update LCP.
City and County of San Francisco	1986; SF Olympic Club not yet certified	\$700,000			Ocean Beach Managed Retreat Master Plan was completed by SPUR which addresses climate change and sea level rise, erosion, and public access. Technical studies and development of a joint coastal management framework now underway.
City of Half Moon Bay	1996		\$70,000	\$75,000	LCP update underway, in conjunction with General Plan update. Received LCP planning grant funds to complete update. Received LCP SLR funds to assess vulnerability to SLR, and develop SLR policies.
Central Coast					
Monterey Bay Regional SLR Assessment	N/A	\$100,000			Monterey Bay Region (Santa Cruz County, Monterey County, City of Capitola) received LCP SLR funds to conduct sea level rise modeling, assess vulnerability, evaluate adaptation responses, support updates to LCPs or other plans. Downscaled model used to assess future impacts from sea level rise, including coastal erosion and flooding from wave action and storm surges. Funding awarded to Monterey County.
Santa Cruz County	1983				County is in process of updating Safety Element, and will use results of Monterey Bay Regional effort to develop flood hazard, coastal bluff, and beach hazard policies that include sea level rise.

City of Capitola	1990		\$150,000		Currently working on a comprehensive update of the General Plan, which includes revisions to the LCP and Local Hazard Mitigation Plan. Will incorporate results of regional effort into LCP.
Monterey County	1988				Funding for Monterey Bay Regional effort awarded to Monterey County. Recently updated General Plan, and is in the process of updating the LCP. Will incorporate results of regional efforts into LCP.
City of Monterey	Not yet certified				In process of developing LCP, plans to address sea level rise, and will benefit from regional efforts.
City of Pacific Grove	Not yet certified			\$130,000	Received LCP Planning funds to develop and certify LCP. LCP will include consideration of SLR. Will benefit from regional efforts.
City of Morro Bay	1984			\$250,000	Received LCP SLR grant funds to update the LCP to address SLR. Includes SLR modeling, analysis of SLR vulnerability, development of adaptation strategies and a SLR Action Plan.
South Central Coast					
Goleta Slough Vulnerability Assessment (multiple jurisdictions)	N/A	\$50,000			Received Climate Ready funds to develop a sea level rise impact assessment and adaptive management strategies to inform an update to the Goleta Slough Management Plan and a regional approach to management of shoreline erosion and sediment. Awarded to City of Santa Barbara.
County of Santa Barbara	1982	\$200,000			Received Climate Ready funds to address SLR. Includes SLR modeling, SLR vulnerability assessment, and development of SLR Adaptation Plan. Will be completed in collaboration with Cities of Goleta, Santa Barbara, and Carpinteria.
City of Goleta	Not yet certified			\$120,000	Received LCP grant funds to certify LCP. Includes SLR analysis. Will be coordinating SLR vulnerability and analysis with regional efforts.

City of Santa Barbara	City segment-1986; Airport segment-1991			\$123,000	Received LCP funds to update LCP. Includes detailed vulnerability assessment, adaptation strategy development, building from work underway. Considerable effort already underway.
South Coast					
Southern California Bight (Point Conception to Mexican Border)	N/A	\$1,000,000			Funding for USGS to develop a numerical model to project coastal flooding and erosion driven by climate change, from sea level rise and future storms that will support coastal hazard assessments and LCP updates in the entire Southern California Bight (from Point Conception to Mexico Border).
Los Angeles Regional (Greater LA Metropolitan Region)	N/A				LA region received LCP SLR funds to conduct a SLR and coastal storms study. Funding awarded to City of Santa Monica.
Los Angeles County	1990	\$69,000			Received funds from Climate Ready to assess vulnerability of beaches. Will benefit from completion of regional SLR and coastal storms study.
City of Los Angeles	Not yet certified			\$100,000	Recently completed AdaptLA, including a SLR vulnerability assessment and recommendations for adaptation. Received LCP grant funds for Venice segment. Includes a climate resilience component. Will benefit from regional SLR study.
City of Santa Monica	Not yet certified			\$235,000	In beginning stages of LUP update, and development of LCP. Will integrate results from LA regional study. Funding for regional study awarded to City of Santa Monica.
City of Hermosa Beach	Not yet certified	\$100,000		\$100,000	In process of developing LCP for certification. Includes addressing SLR. Received Strategic Growth Council funding, Climate Ready, and LCP grant funds to assess vulnerability to SLR and saltwater intrusion, and complete the LCP.

City of San Clemente	Not yet certified			\$90,000	In process of developing LCP. Received LCP grant funds to certify LCP. Includes SLR component. Will include policies and measures to mitigate impacts from sea level rise and other climate change impacts.
San Diego Coast					
City of Solana Beach	Not yet certified			\$120,000	Received LCP Planning funds to complete Land Lease/Recreation Impact Mitigation Fee Study. Study will be developed with an awareness of and sensitivity to the potential effects of sea level rise and climate change.
City of Imperial Beach	1984	\$300,000			Received funds from Climate Ready to conduct SLR modeling and a SLR vulnerability assessment.

Other LCP Efforts – LCP Work Underway or Planned

Draft - As of January 2014

LCP Jurisdiction
North Coast
City of Trinidad
Mendocino County
City of Fort Bragg
City of Point Arena
North Central Coast
City/County of San Francisco
City of Daly City
City of Pacifica
Central Coast
City of Monterey
San Luis Obispo County
City of Pismo Beach
South Central Coast
Santa Barbara City College (Public Works Plan)
City of Carpinteria
Ventura County
City of Ventura
City of Malibu
Channel Islands Harbor

Los Angeles County - Santa Monica Mountains
South Coast
City of Seal Beach
City of Huntington Beach
City of Newport Beach
City of Laguna Beach
City of Avalon
San Diego Coast
City of Carlsbad
City of Encinitas
City of San Diego
Port of San Diego
Various jurisdictions within the North Coast Corridor/ I-5 expansion project area