



Poster Title: Managing the Coastal Squeeze – Resilience Planning for Shoreline Residential Development

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Poster Abstract:

The Coastal Commission has long grappled with the challenge of protecting existing residential development from coastal hazards while protecting coastal resources. This challenge will be one of the greatest problems facing California as sea level rises over coming decades. The overall goal of this project is to ensure that shoreline development and redevelopment is resilient to coastal hazards while maximizing protection of coastal resources such as public access to the beach and shoreline, recreation, visual resources, and shoreline ecology along the coast. To achieve this overall goal, the proposed project seeks to accomplish the following objectives: (1) improve our understanding of shoreline residential development, redevelopment potential, shoreline physical conditions and vulnerability to accelerated sea level rise statewide; (2) categorize types of shoreline development and corresponding coastal hazards and develop a “typology” to better inform policy development where similarities exist between development types and hazard conditions; (3) analyze land use policy and regulatory issues with a specific focus on how to provide for resilient community development over time while maximizing protection of public coastal resources and benefits through land use policies and implementing ordinances; and (4) work collaboratively with local governments to develop policy guidance and model ordinance language that can be used in LCPs and permitting decisions to facilitate adaptation and enhance the resilience of shoreline development and redevelopment. Throughout the project, staff will conduct outreach and educational activities with local governments and other interested stakeholders. The poster highlights a statewide depiction of vulnerability, presents the typology concept, and lays out sea level rise policy topics.