

California's Fourth Climate Change Assessment: Resources Research Portfolio

<i>Research Area</i>	<i>Project Title</i>	<i>Principal Investigator(s)</i>	<i>Institution</i>
Climate Change, Habitat, and Wildfires	The Impact of Changing Wildfire Risk on the California Homeowners' Insurance Market	Lloyd Dixon	RAND
Climate Change, Habitat, and Wildfires	Migration Corridors as Adaptation to Climate Change: Why, How, and What Next	Adina Merenlander	UCB
Climate Change, Habitat, and Wildfires	Fuel Treatment for Forest Resilience and Climate Mitigation: Critical Review	David Saah	Spatial Informatics Group
California's Working Lands	Increasing Soil Organic Carbon to Mitigate Greenhouse Gases and Increase Climate Resiliency for California	Lorraine Flint	USGS
California's Working Lands	Soil Water Dynamics, Carbon Sequestration, and Greenhouse Gas Mitigation Potential of Using Composted Manure and Food Waste on California's Rangelands	Whendee Silver	UCB
California's Working Lands	Innovations in Measuring and Managing Forest Carbon Stocks in California	John Battles	UCB
California's Working Lands	Economic and Environmental Implications of California Crop and Livestock Adaptations to Climate Change and Climate Policy	Daniel Sumner, Josue Medellin	UCD
Sea Level Rise, California's Coast, Ocean Ecosystems, and the Delta	Assessing and Communicating the Impacts of Climate Change on the California Coast	Partrick Barnard	USGS
Sea Level Rise, California's Coast, Ocean Ecosystems, and the Delta	Identification of Natural Infrastructure Options for Adapting to Sea Level Rise	Sarah Newkirk	TNC
Sea Level Rise, California's Coast, Ocean Ecosystems, and the Delta	California Mussels as Bio-Indicators of the Ecological Consequences of Global Change: Temperature, Ocean Acidification, and Hypoxia	Brian Gaylord	UCD
Water Security and Long Droughts	Advancing Hydro-Economic Optimization to Identify Vulnerabilities, Tradeoffs, and Adaptation Opportunities in California's Water System	Jonathan Herman	UCD
Water Security and Long Droughts	Drought Planning and Climate Adaptation of Small Self-Sufficient Water Utilities in California	Julia Ekstrom	UCD
Water Security and Long Droughts	Addressing Institutional Vulnerabilities to Climate Change: Drought as Stress Test for Water Allocation and Environmental Protection	Holly Doremus	UCB
Forecasting to Support Climate-Resilient Decision-making	Preparing Public Health Officials for Climate Change: A Decision Support Tool	Emilie Mazzacurati	Four Twenty Seven Climate Solutions
Emergency Management	Assessing Vulnerability and Improving Resilience of Critical Emergency Management Infrastructure in California in a Changing Climate	Andrew Lauand	RAND
Making it Happen (Resilience)	Overcoming Financial and Institutional Barriers to Implementing Local Government Adaptation Strategies	Robert Kay	ICF

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