



8.0 References

- Agricultural Issues Center, 2009
The Measure of California Agriculture, University of California Agricultural Issues Center, August 2009.
- Bindoff, N.L., J. Willebrand, V. Artale, A. Cazenave, J. Gregory, S. Gulev, K. Hanawa, C. Le Quéré, S. Levitus, Y. Nojiri, C.K. Shum, L.D. Talley, and A. Unnikrishnan, 2007.
Observations: Oceanic climate change and sea level, in *Climate Change 2007: The Physical Science Basis, Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, S. Solomon, D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller, eds., Cambridge University Press, Cambridge, pp. 385-432.
- Breshears D.B., T.E. Huxman, H.D. Adams, C.B. Zou, J.E. Davidson. 2008.
Vegetation synchronously leans upslope as climate warms. *Proceedings of the National Academy of Sciences* 105: 11591-11592.
- Cal-Adapt 2012a.
The Local Climate Snapshot tool for temperature, snowpack, precipitation, sea level rise, and wildfire. Available on the Cal-Adapt website at <http://cal-adapt.org/tools/>.
- Cal-Adapt 2012b
Cal-Adapt, <http://cal-adapt.org/blog/categories/understanding-climate-change/>
- California Air Resources Board, 2008.
Climate Change Scoping Plan, A Framework for Change, Pursuant to AB 32, The California Global Warming Solutions Act of 2006, Prepared by the California Air Resources Board for the State of California. December 2008.
- California Department of Forestry and Fire Protection, 2010.
California's Forests and Rangelands: 2010 Assessment, Fire and Resource Assessment Program, June 2010.
- California Department of Public Health, 2012.
"Mapping Community Vulnerability to Climate Change", California Environmental Health Tracking Program News, Winter 2011-2012.
- California Energy Commission, 2012.
Adapting to Sea Level Rise: A Guide for California's Coastal Communities. Prepared for the California Energy Commission by Nicole Russell and Gary Griggs, University of California, Santa Cruz, January 2012.
- California Natural Resources Agency, 2009
"California Climate Adaptation Strategy, A Report to the Governor in Response to Executive Order S-13 2008", 2009
- Cayan et al. 2008.
Cayan, D.R., P.D. Bromirski, K. Hayhoe, M. Tyree, M.D. Dettinger, and R.E. Flick, 2008, Climate change projections of sea level extremes along the California coast, *Climatic Change*, 87, S57-S73.
- City of Santa Cruz, 2011.
City of Santa Cruz City Climate Change Vulnerability Assessment, Part One. Prepared by Gary Griggs and Brent Haddad for the City of Santa Cruz. Dated January 11, 2011.
- Climate Action Team, 2010.
Climate Action Team 2009 Biennial Report. State of California, Natural Resources Agency.
- Cloern et al., 2011.
Cloern, J.E., N. Knowles, L.R. Brown, D. Cayan, M.D. Dettinger, T.L. Morgan, D.H. Schoellhamer, M.T. Stacey, M. van der Wegen, R.W. Wagner, and A.D. Jassby, 2011, Projected evolution of California's San



- Francisco Bay-Delta-River System in a century of climate change, PLoS ONE, 6, e24465, doi:10.1371/journal.pone.0024465.
- County of Santa Cruz, 2010.
County of Santa Cruz Local Hazard Mitigation Plan 2010-2015. Prepared by the County of Santa Cruz Office of Emergency Services.
- County of Santa Cruz Agricultural Commissioner, 2011.
2011 County of Santa Cruz Crop Report. http://www.agdept.com/content/2011_report.pdf
- Cutter, S., Emrich, C., Webb, J. & Morath, D. 2009.
Social vulnerability to climate variability hazards: A review of the literature. Final Report to Oxfam America. Retrieved from : http://adapt.oxfamerial.org/resources/Literature_Review.pdf
- Data Basin 2012.
Redwood Range Shifts, Models predict range shifts and contraction of Coastal Redwood distribution, <http://databasin.org/climate-center/features/redwood-range-shifts>.
- Flint, L.E., and Flint, A.L., 2012.
Simulation of Climate Change in San Francisco Bay Basins, California: Case Studies in the Russian River Valley and Santa Cruz Mountains: U.S. Geological Survey Scientific Investigations Report 2012-5132, 55 p.
- Griggs, G.B. and Johnson, R.E. 1979.
Erosional processes and cliff retreat along the northern Santa Cruz County coastline. California Geology 32:67-76.
- Griggs, G. B. 1994.
Coastal Erosion and Protection Study; Santa Cruz Small Craft harbor to New Brighton State Beach, Santa Cruz County, California. In: U.S. Army Corps of Engineers, 1994. Santa Cruz Harbor and Vicinity Shoaling: General Investigation Study-Reconnaissance Report.
- Griggs, G.B.; Patsch, K., and Savoy, L., 2005.
Living with the Changing California Coast, Berkeley, California: University of California Press, 540p.
- Hansen, L.J. and J.R. Hoffman. 2011.
Climate Savvy: Adaptation conservation and resource management to a hanging world. Washington, D.C.: Island Press.
- Headwaters Economics, 2008.
Headwaters Economics 2008 study, <http://www.headwaterseconomics.org/wildfire/>
- Heberger, M., H. Cooley, P. Herrera, P. H. Gleick, and E. Moore, 2009.
The Impacts of Sea-Level Rise on the California Coast. California Climate Change Center. Prepared by the Pacific Institute, May 2009.
- Intergovernmental Panel on Climate Change, 2000.
IPCC Special Report, Emissions Scenarios, Summary for Policymakers. A Special Report of IPCC Working Group III. Based on a draft prepared by Nebojsa Nakic-enovic, Ogunlade Davidson, Gerald Davis, Arnulf Grubler, Tom Kram, Emilio Lebre La Rovere, Bert Metz, Tsuneyuki Morita, William Pepper, Hugh Pitcher, Alexei Sankovski, Priyadarshi Shukla, Robert Swart, Robert Watson, and Zhou Dadi.
- Intergovernmental Panel on Climate Change, 2007.
Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
- Johnstone, J.A. and T.E. Dawson 2010.
Climatic Context and ecological implications of summer fog decline in the coast redwood region. Proceedings of the National Academy of Sciences. 107: 4533-4538.



- Kahrl, F., and D. Roland-Holst. 2008.
California climate risk and response. Research paper #08102801. Berkeley, CA: University of California.
Online at: http://www.next10.org/pdf/report_CCRR/California_Climate_Risk_and_Response.pdf.
- Krawchuk, M. A., and M. A. Moritz
Fire and Climate Change in California. California Energy Commission. Simon Fraser University; University of California, Berkeley. 2012. Publication number: CEC-500-2012-026.
- LAFCO, 2011.
2011 Santa Cruz County Sanitation District Sphere of Influence Review, Prepared by the Staff of the Santa Cruz Local Agency Formation Commission in May 2011.
- Maas, J. Verheij, R.A., Groenewegen, P.P., de Vries, S. and Spreeuwenberg, P., 2006.
"Green space, urbanity, and health: How strong is the relation?" in Journal of Epidemiology and Community Health, 60(7), 5887-592, 2006.
- Mader, Steve, 2007.
Climate Project: Carbon Sequestration and Storage by California Forests and Forest Products, California Forests for the Next Century, Pp. 17.
- Mackenzie, A, J. McGraw, and M. Freeman. 2011.
Conservation Blueprint for Santa Cruz County: An Assessment and Recommendations from the Land Trust of Santa Cruz County. Land Trust of Santa Cruz County. Santa Cruz, CA. May 2011. 180 pages. Available at <http://www.landtrustsantacruz.org/blueprint>
- McPherson, E. Gregory, Nowak, David J. Rowntree, Rowan A., 1994.
Chicago's Urban Forest Ecosystem, USDA Forest Service, Northeastern Forest Experimentation Station, p. 19-40.
- Moore, L.J. 1998.
Quantitative shoreline-change assessment and identification of erosion hotspots in Santa Cruz County, California." Doctoral dissertation, Earth Sciences, University of California, Santa Cruz.
- Moore, L.J., B.T. Benumof, and G. B. Griggs. 1999.
Coastal erosion hazards in Santa Cruz and San Diego Counties, California, Jour. of Coastal Research, Special Issue 28:121-139.
- National Academy of Sciences-National Research Council, 2010.
Adapting to the Impacts of Climate Change, National Academies Press: 325 p.
- National Research Council, 2012.
Sea-Level Rise for the Coasts of California, Oregon, and Washington: Past, Present, and Future. Prepared by the National Research Council, of the national Academies. Released in 2012. Undated prepublication subject to further editorial revision.
- Pacific Institute, 2010.
A Review of Social and Economic Factors that Increase Vulnerability to Climate Change Impacts in California. Prepared by the Pacific Institute, dated November 3, 2010.
- Pacific Institute 2012.
Social Vulnerability to Climate Change in California. A white paper from the California Energy Commission's California Climate Change Center. July 2012.
- Raupach, M.R., G. Marland, P. Ciais, C. Le Quere, J.G. Canadell, G. Klepper, and C.B. Field. 2007.
Global and regional drivers of accelerating CO₂ emissions. Proceedings of the National Academy of Sciences 104(24): 10288-129.. 2007.
- Tamrazian, A., S. LaDochy, J. Willis and W.C. Patzert, 2008.
Heat Waves in Southern California: Are They Becoming More Frequent and Longer Lasting? Association of the Pacific Coast Geographers. 70: 59-69. <http://climate.nasa.gov/files/LAHeatWaves-JournalArticle.pdf>



Save the Redwoods League, 2012.

Save the Redwoods Climate Change Initiative. The League and scientists from U.C. Berkeley, Humboldt State University, and the California Academy of Sciences have launched the multiyear Redwoods and Climate Change Initiative to create a comprehensive climate adaptation strategy for the redwoods. <http://rcci.savetheredwoods.org/index.shtml>

Stephen H. Schneider, Stephen H., and Kristin Kuntz-Duriseti, 2002.

Climate Change Policy: A Survey, Chapter 2: Uncertainty and Climate Change Policy. Island Press, Washington D.C., 2002.

Stephensen, Nathan, L., 1998.

Actual evapotranspiration and deficit: biologically meaningful correlates of vegetation distribution across spatial scales. *Journal of Biogeography* 25:855–870. doi: 10.1046/j.1365-2699.1998.00233.x. .

State of California, 2002.

California Beach Restoration Study, California Department of Boating and Waterways and State Coastal Conservancy, 2002. Sacramento, California.

State of California 2012a.

Draft California Climate Change Adaptation Policy Guide, prepared by the California Emergency Management Agency and the California Natural Resources Agency. April 2012.

State of California 2012b

California Adaptation Planning Guide. Prepared by the California Emergency Management Agency and the California Natural Resources Agency. July 2012.

Storlazzi, C.D. and Wingfield, D.K., 2005.

"The Spatial and Temporal Variability in Oceanographic and Meteorologic Forcing along Central California: 1980-2002." U.S. Geological Survey Scientific Investigations Report, 70 p.

Stralberg D., D. Jongsomjit, C.A. Howell, M.A. Snyder, J.D. Alexander, et al. 2009.

Re-shuffling of Species with Climate Disruption: A No-analog Future for California Birds? *PLoS ONE* 4(9): e6825. doi:10.1371/journal.pone.0006825.

Union of Concerned Scientists, 2012.

Information was accessed at http://www.ucsusa.org/global_warming/science_and_impacts/science/certainty-vs-uncertainty.html on October 30, 2012.

USGS 2000.

USGS Fact Sheet 026-00, Bay, Reducing the Risk from Coastal Geologic Hazards, El Niño Storms Erode Beaches on Monterey Bay, California. USGS, 2000

USGS 2002.

Map Showing Seacliff Response to Climatic and Seismic Events, Seacliff State Beach, Santa Cruz County, California. Prepared by Cheryl J. Hapke, Bruce M. Richmond, and Mimi M. D'Iorio, 2002

Vermeer and Rahmstorf, 2009.

Vermeer, M., and S. Rahmstorf, 2009, Global sea level linked to global temperature, *Proceedings of the National Academy of Sciences*, 106, 21,527-21,532.

Wongbusarakum S. and C. Loper. 2011.

Indicators to assess community-level social vulnerability to climate change: An addendum to SocMon and SEM-Pasifika regional socioeconomic monitoring guidelines. The Nature Conservancy and the NOAA Coral Reef Conservation Program.