



Stanford Experts on Drought and Water Issues

NOTE: Click on names for more info. For assistance in locating these faculty members, contact Christine Harrison at christine.harrison@stanford.edu or (650) 725-8240.

[Newsha Ajami](#)

Director of Urban Water Policy, Water in the West Program

Contact: newsha@stanford.edu, (650) 724-8162

Expertise: Water supply reliability, water financing, water policy and governance in relevance to water supply and water quality, alternative water supply sources (reuse and desalination), water/energy nexus issues

[Bruce Cain](#)

Professor of Humanities and Sciences; Faculty Director of the Bill Lane Center for the American West

Contact: bcain@stanford.edu, (415) 336-0570

Expertise: The politics of California water in a drought situation

[Noah Diffenbaugh](#)

Associate Professor of Environmental Earth System Science; Stanford Woods Institute Senior Fellow

Contact: diffenbaugh@stanford.edu, (650) 223-9425

Expertise: An expert in the dynamics and impacts of climate change, with emphasis on climate extremes such as drought and the impact of climate change on Western water issues. He also is the contact for his Ph.D. student, Daniel Swain, creator of the California Weather Blog at weatherwest.com, who coined the term "Ridiculously Resilient Ridge" to explain the causes of California's persistent dry spell.

[Chris Field](#)

Professor of Interdisciplinary Environmental Studies; Director of Carnegie Institution's Department of Global Ecology; Stanford Woods Institute Senior Fellow; Co-Chair of Working Group II of the Intergovernmental Panel on Climate Change (IPCC)

Contact: cfield@ciw.edu, (650) 823-5326

Expertise: International expert on climate change, its impacts and adaptation measures. Can speak on drought and climate change

[David Freyberg](#)

Associate Professor of Civil and Environmental Engineering; Stanford Woods Institute Senior Fellow

Contact: freyberg@stanford.edu, (650) 723-3234

Expertise: Rivers, dams, reservoirs and sediment hydrology and water resources management in California and the American West; resource recovery from wastewater

[Rob Jackson](#)

Douglas Professor of Environment and Energy, School of Earth Sciences, and Senior Fellow, Woods Institute for the Environment and Precourt Institute for Energy; Co-Chair of the Global Carbon Project (globalcarbonproject.org)

Contact: rob.jackson@stanford.edu; (650) 497-5841

Expertise: Expert on climate change, droughts, land use and energy-water interactions; his group also published the first research studies on fracking and drinking-water quality

[Rosemary Knight](#)

Professor of Geophysics in the School of Earth Sciences; Stanford Woods Institute Senior Fellow, by courtesy

Contact: rknight@stanford.edu

Expertise: Using geophysical methods to image the top 100 meters of Earth to obtain the information needed to evaluate and manage groundwater resources

[Richard Luthy](#)

Professor of Civil and Environmental Engineering, Stanford Woods Institute Senior Fellow, Director NSF Engineering Research Center for Re-inventing the Nation's Urban Water Infrastructure, [ReNUWIt](#)

Contact: luthy@stanford.edu, (650) 721-2615

Expertise: California urban water systems, water reuse, stormwater use in California

[Leon Szeptycki](#)

Executive Director, Water in the West Program

Contact: leonsz@stanford.edu, (650) 721-3047

Expertise: Water quality, water use and watershed restoration. Water in the West designs, articulates and advances sustainable water management for the people and environment of the American West

[Barton \("Buzz"\) Thompson](#)

Professor of Natural Resources Law; Co-Director of the Stanford Woods Institute for the Environment

Contact: buzzt@stanford.edu, (650) 723-2518

Expertise: Can speak on the law and politics of California water in a drought situation