Contributors

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**Steve A. Conrad** is a Pacific Institute for Climate Solutions Ph.D. fellow with the School of Resource and Environmental Management, Simon Fraser University. He is also a managing partner with the Vancouver, BC-based resource management consulting firm Resilient Consulting Group Inc. He has consulted widely concerning municipal energy use, water demand management, greenhouse gas emissions, and resource
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Heather Cooley is Co-Director of the Pacific Institute’s Water Program. Her research addresses the connections between water and energy, sustainable water use and management, and the hydrologic impacts of climate change. She holds a B.S. in Molecular Environmental Biology from the University of California, Berkeley and an M.S. in Energy and Resources from UC Berkeley.

Susanna Eden is the Coordinator for Applied Research at the Water Resources Research Center, University of Arizona. Her research centers on policy and decision-making in water management and the use of scientific information, focusing on subjects such as groundwater recharge and recovery, sustainability and growth, and climate change. She holds a Ph.D. in Water Resources Administration from the University of Arizona.

Katherine L. Guerra is a member of the Environmental Applications Research Group at the US Bureau of Reclamation in Denver, CO. As a chemical engineer, her research focus is the development and application of advanced water treatment technologies to meet the bureau’s mission of increasing water supplies in the western US. In recent years, her work has focused on the characterization and treatment of produced (coalbed methane) water.

Joseph H. Hoover is currently pursuing a doctoral degree in geography at the University of Denver. His research interests include GIS applications to water resources and environmental policy as well as the water–energy nexus. He is specifically interested in how Internet geovisualization can be used to aid water resource management and environmental decision-making. He has a Bachelors degree in Environmental Science from Northwestern University and a Masters degree in Geography from the University of Arizona. Hoover was recently awarded a US Environmental Protection Agency Science to Achieve Results (STAR) Fellowship.

Tom Iseman is the Program Director for Water Policy at the Western Governors’ Association (WGA), where he works on water supply, drought, and climate issues for the 19 Western states and three US-flag Pacific islands. Prior to joining WGA, Iseman worked on water resource issues for the US Department of the Interior and The Nature Conservancy. He has extensive experience in statewide and regional water supply planning, including Colorado’s Statewide Water Supply Initiative, the Upper Colorado River Endangered Fish Recovery Program, and FERC hydro-
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Melinda Kassen is an independent water consultant and attorney, and a gubernatorial appointee to Colorado’s Interbasin Compact Committee (IBCC). Her previous professional experience includes stints directing Trout Unlimited’s Colorado and Western Water Projects to protect and restore healthy stream flows, working for ICF Kaiser and Kaiser-Hill on cleaning up the Rocky Flats Plant, serving as environmental counsel to the US House of Representatives Armed Services Committee, handling water and toxics issues at the Environmental Defense Fund, teaching environmental and administrative law at the University of Denver’s College of Law, and representing Colorado water and water quality agencies as a state Assistant Attorney General. Kassen received her A.B. magna cum laude from Dartmouth College and her J.D. from Stanford Law School.

Douglas S. Kenney is a Senior Research Associate at the Natural Resources Law Center, located within the University of Colorado Law School, where he directs the Western Water Policy Program. He has written extensively on several water-related issues, including law and policy reform, river basin and watershed-level planning, the design of institutional arrangements, water resource economics, and climate change adaptation. He has served as a consultant to a variety of local, state, multi-state, and federal agencies, including several Interior Department agencies, the Environmental Protection Agency, the US Forest Service, and special commissions (for example, the Western Water Policy Review Advisory Commission), and has made presentations in (at least) 17 states, six nations, and four continents. Kenney has a B.A. in Biology from the University of Colorado, a M.S. in Natural Resources Policy and Administration from the University of Michigan, and a Ph.D. in Renewable Natural Resource Studies from the University of Arizona.

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Sara G. Larsen is an engineer working at Los Alamos National Laboratory modeling water and energy inter-dependencies, efficiency and sustainability. She earned a B.S. in Geography and a M.S. in Civil and
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Lawrence J. MacDonnell is a Professor at the University of Wyoming College of Law where he teaches courses on water rights, public lands, and natural resources. Previously, he served as the original director of the Natural Resources Law Center at the University of Colorado and as an Assistant Professor in Mineral Economics at the Colorado School of Mines, where he taught micro- and macroeconomics, environmental economics and mineral transactions. He has worked in private law practice, as a consultant, and for nonprofit organizations. He holds a B.A. from the University of Michigan, a J.D. from the University of Denver College of Law, and a Ph.D. from the Colorado School of Mines.

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Bart Miller is Water Program Director at Western Resource Advocates (WRA), a non-profit law and policy organization dedicated to protecting the West’s land, air, and water. At WRA he directs projects throughout the region to improve urban water use efficiency, minimize the water-related impacts of energy development, and protect and restore river flows and other habitat in many river basins. He has written and spoken on many environmental topics, including water development, federal reserved water rights, the Endangered Species Act, and the interface between water and energy use. Miller graduated cum laude from Dartmouth College and received his J.D. from the University of Colorado’s School of Law.

Martin J. Pasqualetti is Professor in the School of Geographical Sciences and Urban Planning at Arizona State University. He is past chair of the Arizona Solar Energy Advisory Council, a member of the board of the Arizona Solar Center, and Associate Member of the National Wind Coordinating Collaborative. He has published books on wind power, nuclear power plant decommissioning, landscape evolution and public perception of risk, as well as articles and book chapters on solar power, geothermal power, wind power, oil sand development, the social costs of nuclear power and renewable energy at the US/Mexico border. His current
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Alex Schroeder is the Program Director for Alternative Transportation Fuels and Nuclear Waste Transportation at the Western Governors Association, where he works on a variety of energy and nuclear waste policy issues for the 19 Western States and three US-flag Pacific islands. Prior to joining the WGA in 2005, Schroeder worked for the Colorado Energy Research Institute and PA Consulting on developing policies to encourage innovation and asset valuation in the electric utility sector; he also has experience with systems optimization. He received his B.S. in General Engineering and completed the Professional Pilot Program at the University of Illinois, and has an M.S. in Engineering and Technology Management from the Colorado School of Mines.

Cynthia L. Schwartz is a Graduate Research Associate at Arizona State University’s Human and Social Dimensions of Science and Technology doctoral program, housed in the Consortium for Science, Policy and Outcomes (CSPO). Her research focuses on the link between non-economic public values surrounding solar energy policy and beneficial social outcomes. As a core focus area, she evaluates how Southwestern residents value the use of water for solar energy production.

Christopher A. Scott is Associate Research Professor of Water Resources Policy at the Udall Center for Studies in Public Policy, and Associate Professor in the School of Geography and Development, at the University of Arizona. His current research projects focus on adaptive water management under global change, urban water reuse, transboundary groundwater, ecosystem resilience, and the water–energy nexus. He has over 15 years of professional water management experience outside the academy, including six years in India, three in Mexico, and two in Honduras.

Frances Spivy-Weber is Vice Chair of the State Water Resources Control Board, a five-member California board that oversees water quality and
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