

From Policy to Reality: Advanced Urban Water Conservation in Texas

Conference Presenters

Laura B. Marbury, P.G. Laura is a Senior Water Analyst with Environmental Defense Fund. She serves as the groundwater expert for the Austin office of Environmental Defense and is a member of the Texas Living Waters Project. Laura's areas of expertise include Texas water policy, hydrogeology and groundwater management, and outreach and education. Laura currently serves as the Public Interest representative on the Region K Regional Water Planning Group. Before joining Environmental Defense Fund, Laura worked for the Texas Center for Policy Studies. She also served as a volunteer in Albania for the U.S. Peace Corps, and worked for 7 years as a hydrogeologist for Parsons Engineering Science both in Austin and San Antonio. Laura earned a B.S. in Geology from the University of Texas at Austin and an M.A. in Applied Geography from Southwest Texas State University. *lmarbury@edf.org* (512) 691-3430

Mary Ann Dickinson Mary Ann is the founder and Executive Director of the Alliance for Water Efficiency. Prior to joining the Alliance, Mary Ann was Executive Director of the California Urban Water Conservation Council. Mary Ann has also worked at the Metropolitan Water District of Southern California, served as Deputy Director for Public and Governmental Affairs at the South Central Connecticut Regional Water Authority, in addition to 18 years as a coastal management regulator, planning specialist, executive assistant/speech writer, and legislative lobbyist with the Connecticut Department of Environmental Protection. She is a member of the Editorial Advisory Board of *Water Efficiency* Magazine, a fellow at the Water Resources Center at the University of California at Santa Cruz, and a Trustee and past Chair of the American Water Works Association National Water Conservation Division. Mary Ann is a graduate of the University of Connecticut with a degree in environmental planning. *maryann@a4we.org* (733) 360-5100

Amy Hardberger, P.G. Amy is an Attorney with Environmental Defense Fund. She works in the Texas Office with the Climate and Air Program and the Land, Water, & Wildlife Program on Texas law and policy issues. Amy is a member of the Texas Living Waters Project. Prior to joining Environmental Defense Fund, Amy completed a judicial clerkship with the Honorable William Wayne Justice of the Western District of Texas and worked as an environmental consultant remediating closed Air Force Bases. Amy holds a BA in Geology from Earlham College, an MS in Geology from University of Texas in San Antonio, and a J.D. from Texas Tech University School of Law. She is also a registered Professional Geoscientist in Texas. *ahardberger@edf.org* (512) 691-3437

Dr. Sheila Olmstead Sheila is an Associate Professor of Environmental Economics at the School of Forestry and Environmental Studies, Yale University. She does research and teaches in the area of environmental and natural resource economics and policy, including both natural resource management and pollution control. Her area of primary research is water resource economics, including urban water demand management, market-based approaches to water conservation, drinking water quality regulation, access to drinking water among low-income populations, current and potential applications of water marketing and water quality trading, and the efficient allocation of water across sectors. She received her Ph.D. in Public Policy from Harvard University, an M.P. Aff. from the LBJ School of Public Affairs, the University of Texas at Austin, and a B.A. from the University of Virginia. *Sheila.Olmstead@yale.edu* (203) 432-6247

Carole Baker Carole is the Director of Intergovernmental Relations for the Subsidence District, serves as the District's legislative liaison for water policy issues, handles the District's public information and outreach programs, coordinates their conservation and drought planning assistance, and acts as its National Liaison on Water Conservation Issues. Carole serves as the Chair of the National Alliance for Water Efficiency, Director of both the Texas Water Conservation Association and the Texas Water Foundation. She is Founding Member & Director of the Texas Water Wise Council, and member of the National American Water Works Association Conservation Division, the Texas Education Agency Environmental Advisory Council, the Texas Commission on Environmental Quality Irrigator's Advisory Council, and the National Steering Committee on EPA's Water Sense Labeling Initiative.

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Tim Blair Tim is the Program Manager for Water Use Efficiency at the Metropolitan Water District of Southern California. He has worked in southern California's water industry for over 17 years. In his current position, Tim develops policies and strategies for Metropolitan's water conservation, water recycling, groundwater recovery, and seawater desalination programs. He is very active in promoting the use of recycled water, as an energy efficient water supply, through legislation and regulatory reform. In his prior roles with Metropolitan, Tim managed Integrated Water Resources Planning, distribution system reliability planning, water storage and transfer programs, and drought contingency planning. Prior to joining Metropolitan, Tim was a staff economist for the Los Angeles Department of Water and Power working on conservation-based water rates and drought response planning. Tim is an elected member of the California Urban Water Conservation Council's Steering Committee. Tim is a graduate of the University of California at San Diego where he received a degree in Quantitative Economics and Decision Sciences. Tim has also taken a graduate course from the department of Civil Engineering at UT Austin, which makes him an official Texas Ex. *tblair@mwdh2o.com (213) 217-6613*

Karen Guz Karen is the Director of Conservation at San Antonio Water System. As the Conservation Director, Karen is responsible for meeting long-term conservation goals that are part of the SAWS Water Supply Plan. Karen leads a diverse team of planners who manage ambitious conservation programs that offer savings opportunities for all SAWS ratepayers. Prior to becoming the department director, she worked for five years as a senior planner in the department in charge of residential water conservation programs and outdoor conservation initiatives. Before joining SAWS, Karen worked for Texas A&M University through the Cooperative Extension providing a variety of horticulture and environmental education programs for the public. Karen is a licensed irrigator and Master Gardener instructor. She holds a B.S. from the University of Michigan and a Master of Public Administration from the University of North Carolina in Charlotte. *Karen.Guz@saws.org (210) 233-3671*

Jennifer Douglass Nations Jennifer is Water Resource Coordinator for College Station Utilities, City of College Station. Jennifer's duties involve coordinating water conservation and public education efforts for the Water Services Department. She serves as the Public Information Officer, produces the annual Drinking Water Quality Report, provides programs on water conservation, water quality, and wastewater treatment, maintains the department website, and coordinates the City's developing water conservation program. She is also responsible for

coordinating the citywide Green College Station environmental sustainability program. Her interests include water conservation, Xeriscape, water policy, water reuse, and performance measurement for utilities. She also serves as Vice Chair of the Conservation and Reuse Division of the Texas Section American Water Works Association. Jennifer has a B.S. in Environmental and Resource Sciences from the University of California at Davis. She is a Certified Master Gardener, Certified Master Composter, and holds a TCEQ Water and Wastewater Class "D" Operator Licenses. *Jnations@cstx.gov (979) 764-6223*

Bill Hoffman Bill is President of H.W. (Bill) Hoffman and Associates, a firm specializing in sustainable water resource planning and conservation. He is also an advisor and engineer for Water Management, Inc. He is currently a trustee for and vice chair of the American Water Works Association, Water Conservation Division. He is a member of the US Green Building Council's Water Efficiency Technical Advisory Group for LEED, advisor to the US EPA's Water Sense Program, member of the International Association of Plumbing and Mechanical Officials (IAPMO) Green Technical Committee, and other related organizations and initiatives. Bill is former Assistant Director for Water Resources Planning for the Texas Water Development Board, Coordinator for Industrial, Commercial and Institutional Water Conservation Programs for the City of Austin, vice chair of the Consortium for Energy Efficiency's (CEE) for Commercial Kitchens Initiative, vice-president of the American Rainwater Catchment Systems Association, first president of the Texas Water Wise Council, and Chair of the Desalination and Water Reuse Committee of the Electric Power Research Institute (EPRI). Bill holds a BS in Chemical Engineering and an MS in Environmental Health Engineering, both from the University of Texas at Austin. He is a registered professional engineer in Texas. *billhoffmantx@earthlink.net (512) 280-0199*

Dan Wilcox Dan is Facilities Engineering Manager for Spansion FAB25 in Austin. He has been working in the water treatment industry for over 18 years. Previous to working at Spansion, he was Engineering Manager for US Filter in Colorado Springs. Dan has patents for chemical treatment, water treatment, and water reclaim systems. He is a licensed engineer in the State of Texas and has a BSME degree from Northeastern University in Boston.

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Fred Yebra Fred is the Director of Demand Side Management for Austin Energy. Fred is a registered engineer with 27 years of experience in the energy engineering field. In his current position, he directs the energy efficiency customer services and utility demand-side management for all residential, commercial, municipal and industrial electric customers. Fred also directs the City of Austin's energy management plan. Fred's work experience includes Central Power & Light Company, the Public Utility Commission of Texas, and the Governor's Office of Energy Management. Fred served as an engineering consultant with Texas Energy Engineering Services, and Energy Environment Interface, Inc. His experience also includes energy and environmental strategic planning, engineering consulting and project management, regulatory evaluations and compliance, and energy efficiency codes and standards. He received his engineering degree from the University of Texas at Austin, and a Masters of Business Administration degree from the University of Phoenix, Arizona.

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Mary Kelly Mary manages Environmental Defense Fund's Land, Water and Wildlife program, which includes major projects to protect and restore stream flows, riparian habitat and coastal deltas. She is also Vice President of the organization's Rivers and Deltas Project and a member of the Texas Living Waters Project. Her areas of interest include environmental flow protections, water markets, and west Texas water issues. She played a central role in developing a consensus with water suppliers on how to approach environmental flows in Texas, for which she won a Conservation Leadership Award from the Nature Conservancy of Texas. Over the years prior to joining Environmental Defense Fund in 2002, Mary directed the Texas Center for Policy Studies, practiced environmental law, and worked for an environmental consulting firm. Mary earned a B.S., University of Arizona in Chemical Engineering and received her J.D. from the University of Texas, School of Law. *mkelly@edf.org* (512) 691-3431

Ken Kramer Ken is the Director of the Lone Star Chapter of the Sierra Club. Ken is responsible for coordinating the state level activities of the Sierra Club and serves as a liaison between the Sierra Club and Texas state officials whose actions shape environmental and natural resources policies. Ken is a member of the Texas Living Waters Project. Ken served as a member of the Conservation Implementation Task Force and is currently a member of the Water Conservation Advisory Panel. He has received numerous awards for his environmental work. Ken has a PhD in Political Science from Rice University.

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Representative Robert R. Puente Puente was a member of the Texas House of Representatives for more than 15 years, before resigning in February. He continues to serve until a successor is sworn in this May. He chaired the House Natural Resources Committee and was a member of the Texas Water Advisory Council. He has long championed the importance of water conservation in Texas. During his tenure with the Texas Legislature, Puente was instrumental in crafting and carrying legislation to protect the Edwards Aquifer, to initiate comprehensive water planning, preserve environmental flows, and increase water conservation and water use efficiency standards and regulations across Texas. With the recent opening of an Austin office, Representative Puente looks forward to staying involved in water issues and the legislative process. *Hope.Wells_HC@house.state.tx.us* (512) 463-0452

Jan Klein Jan is the Water Conservation Coordinator for the City of San Marcos. Her position was created in 2001 to develop, implement, and maintain the City's water conservation program. Prior to 2001, Jan worked for the Edwards Aquifer Authority, where she served as Program Associate for the Planning and Conservation Department. She has also worked in water quality, groundwater permitting, and laboratory services. Jan is a Texas Licensed Irrigator, Texas Certified Landscape Irrigation Auditor, and Master Gardener. She received her BS in Environmental Science from Texas A&M University - Corpus Christi (TAMU-CC), where she was an active member and vice-president of the Beta Beta Beta Biological Honor Society.

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