

Biographies of Missouri Water Summit 2011 **Speakers and Panelists**

Plenary Speakers

Biography of Jeremiah W. (Jay) Nixon

Jay Nixon was elected Missouri's 55th Governor in 2008. Jeremiah Nixon served as Missouri's Attorney General for 16 years and as a Missouri State Senator for 6 years. He has been a strong advocate for our state's water resources through the course of his public career.

Biography of Gregory Hobbs

Gregory Hobbs is Justice of the Colorado Supreme Court. Judge Hobbs practiced water, environmental, land use, and transportation law prior to becoming a Justice in 1996. A distinguished author, his books include, *Public's Water Resource: Articles on Water Law History, and Culture; Colorado Mother of Rivers: Water Poems; and In Praise of Fair Colorado: The Practice of Poetry, History and Judging.*

Panel: "Toward a Common Understanding of MO Water Resources"

Biography of C. Shane Barks

Deputy Director

U.S. Geological Survey Missouri Water Science Center

Civil Engineering degree from the University of Missouri at Rolla

Shane began his career with the USGS in 1990 in Little Rock, Arkansas working in the stream-gaging program. While working in Arkansas, he was chief of several water-quality and quantity projects, authored several reports, served as District Surface-water Specialist, Chief of the Hydrologic Surveillance and Analysis Section and Assistant District Chief. He transferred to Rolla, Missouri in 2004 and is currently serving as the Chief of the Hydrologic Surveillance Section and Deputy Director of the USGS Missouri Water Science Center.

Biography of Pat Guinan

Pat attended the University of Illinois in Urbana-Champaign where he received a B.S. in physical geography in 1986 and an M.S. in atmospheric science in 1988. He came to the University of Missouri to continue his education in atmospheric science and serve as a climatologist with the Agricultural Experiment Station. Since 1996, he has been employed by the University of Missouri's Extension Commercial Agriculture Program as a climatologist. Pat received his Ph.D. in Soil, Environmental and Atmospheric Sciences in 2004 and, in addition to his Extension and campus activities as an Assistant Professor in Climatology, he serves as the State Climatologist for Missouri and Director of the Missouri Climate Center.

Biography of Ryan Mueller

Ryan Mueller is the Director of the Water Resources Center at the Missouri Department of Natural Resources. Ryan has over 15 years of environmental management experience including work in air pollution control, hazardous and solid waste management, land reclamation and water resources. Ryan received his B.S. and M.S. degrees in Geological Engineering from the University of Missouri - Rolla and is a licensed professional engineer in Missouri. Ryan is a native Missourian and currently resides in Columbia with his wife and daughter.

Biography of Holly Neill

Executive Director

Missouri Stream Team Watershed Coalition

Masters of Natural and Applied Sciences from Missouri State University

Holly began serving as the executive director for MSTWC in 2010. Her role in this organization is to promote and support watershed based Stream Team Associations, by serving as a resource for information, education, stewardship and advocacy. Previously, Holly served as the executive director of the James River Basin Partnership (JRBP) for six years and focused her efforts on water quality research, better management practice implementation, education/outreach efforts, and watershed management planning. During graduate studies she was part of a National Science Foundation Fellowship Program at MSU to integrate scientists into the public school system. Her focus, as a part of the fellowship, was water quality and environmental education. Holly also served in the Peace Corps at Discovery Bay Marine Lab in Jamaica where she assisted with reef fishery research and environmental education efforts.

Biography of John K. (Jack) McManus

Missouri Attorney General Chris Koster appointed Mr. McManus Chief Counsel of the Agriculture and Environment Division of the Missouri Attorney General's Office in January 2009. As Chief Counsel, he supervises eight attorneys representing the Department of Agriculture, the Department of Natural Resources and various state commissions. Prior to joining the Missouri Attorney General's Office, Mr. McManus served for 19 years in the Ohio Attorney General's Office, most of which was in the Environmental Enforcement Section, where he was Acting Assistant Chief, Hazardous Waste Program Supervisor, Air Program Supervisor and Bankruptcy Supervisor.

Panel: "Challenges & Opportunities Affecting Security & Sustainability of Missouri's Water"

Biography of Mary West Calcagno

Water/Wastewater Market Principal, Jacobs Engineering

Mary is employed with Jacobs Engineering in St. Louis as Water/Wastewater Market Principal. Her primary responsibilities include client relations and business development, regulatory and funding assistance. Previously, as Manager of Environmental Services for the Missouri Public Utility Alliance, Mary was responsible for

assisting municipal utilities with drinking water and wastewater compliance and regulatory issues. She is the former Director of Utilities for the City of Moberly where her areas of responsibility were Water and Wastewater Treatment, and Distribution and Collection Systems. She was responsible for assessing system condition and operability, planning, consultant oversight, and project management for \$20.6 million in capital improvement projects for the City of Moberly. She began her career in Public Works in Quincy, Illinois in 1980, with experience in administration, water treatment, and wastewater treatment. She is a state certified operator at top levels in both water and wastewater in Missouri and Illinois.

Biography of Jan Goldman-Carter: Wetlands and Water Resources Counsel

Jan is wetlands and water resources counsel for the National Wildlife Federation. She also served NWF in that capacity from 1987-1991. Her national and regional wetlands work has included wetlands litigation, legislation, and administrative matters. Jan has lectured and written extensively on federal wetlands laws and regulations since 1987. Jan has also worked on wetlands conservation issues as a biologist with the U.S. Fish and Wildlife Service, the U.S. Environmental Protection Agency, and the U.S. Army Corps of Engineers. She received her B.A. in Biology and Environmental Studies from Williams College, Massachusetts, her M.S. in Natural Resources from the University of Michigan School of Natural Resources, and her law degree from the University of Minnesota.

Biography of Barry Hart

Executive Vice President and Chief Executive Officer
Association of Missouri Electric Cooperatives

Barry Hart, a 32-year veteran of the rural electric program, is the Executive Vice President/CEO of the Association of Missouri Electric Cooperatives (AMEC). Hart has served the 47 electric cooperatives in Missouri on regional and national boards and committees, including the National Rural Electric Cooperative Association's Legislative Committee. In his position on the National Legislative Committee he assists in developing national policy as a cooperative representative for the states of Missouri, Arkansas and Oklahoma and has been elected Vice Chairman of the committee. He has served on NRECA task forces in Washington D.C. on membership diversity and disaster recovery. He was recently named by Glenn English to Co-Chair the Ad Hoc Committee on Climate Change. Hart presently serves as the President of the Rural Electric Statewide Managers Association (RESMA). Most cooperative members will recognize him for his monthly column in Rural Missouri that is mailed to 530,000 households and businesses in Missouri. Hart is a graduate of Northwest Missouri State University with a Bachelor of Science in Business Management. He and his wife, Laura Joy (McElhinney) Hart, live in a rural area outside of Jefferson City.

Biography of Davis Minton

If you ask Davis Minton to describe himself, he'll answer you in only four words: "I am a farmer." For him, it's that simple. He's a lifelong farmer from Stoddard County, Missouri. He grows cotton, rice, soybeans and corn, has raised cattle and countless other crops and livestock over the years. Minton's multi-farm, multi-state operation also includes grain handling and warehousing capabilities, investments in rotational grazing and soil fertility and a strong commitment to wetlands conservation and restoration. Minton is a graduate of the University of Missouri, where he studied agriculture. He currently serves Missouri as the state Department of Agriculture's Liaison to the Missouri Department of Natural Resources.

Biography of Sara Pauley

Governor Jay Nixon named Sara Parker Pauley as the Director of the Missouri Department of Natural Resources in December 2010. Sara grew up with a family heritage and passion for Missouri's priceless outdoors. As Director, Sara leads the department's efforts to protect, preserve and enhance Missouri's natural, cultural and energy resources. She understands that economic growth and environmental stewardship are not mutually exclusive and promotes sound environmental stewardship and sustainable economic development for the 21st century. Under her leadership, the Department will strive to build and improve relationships with Missouri's communities, business and industry, the environmental community, members of the Legislature, and the public to make Missouri a leader in innovative resource conservation, while protecting our outdoor heritage for generations to come.

Biography of Robert Ziehmer

Robert L. Ziehmer assumed the duties of Director of the Missouri Conservation Department in January 2010, serving as the Department's eighth Director since its formation in 1937. He began his Conservation Department career as an assistant natural history biologist in 1991, having also served as a policy specialist, governmental relations specialist, and assistant director. He also has experience as an environmental consultant and a wetlands specialist and holds bachelor and master's degrees in fish and wildlife management from the University of Missouri – Columbia. Mr. Ziehmer is a native of California, Missouri where he currently resides with his wife and daughters.