

Utah Groundwater Conference – August 6 & 7, 2024

Presenter Bios

R. Jeffrey Davis, PE, CGWP, Principal, Integral Consulting Inc., Salt Lake City, UT

R. Jeffrey Davis is a Civil & Environmental Engineer by degree and a Hydrogeologist by practice. With almost three decades of experience across the United States and abroad, I am passionate about solving groundwater problems. My team solves clients' problems as if they were our own. I live for innovation and growth in my personal and professional life. I'm a leader and a lifelong learner.

Kyle Roerink, Executive Director, Great Basin Water Network, Las Vegas, NV

Kyle is the first Executive Director for the Great Basin Water Network (GBWN). The GBWN is an organization dedicated to protecting water resources in the nation's driest state. As Executive Director, Kyle leads GBWN as an advocator for smart conservation practices and fights legal battles in states and federal courts. Kyle has experience working in public policy and public affairs for more than a decade -- working for the benefit of the public interest as a journalist, congressional staffer, and non-profit leader. He worked on Capitol Hill prior to joining GBWN and spent the early part of his career as a newspaper reporter in the West. Kyle attended Kent State University.

Heather May, Director, Great Salt Lake Collaborative, Salt Lake City, UT

Heather directs the Great Salt Lake Collaborative (GSLC), a group of 21 news, education and media organizations that come together to better inform and engage the public about the crisis facing the Great Salt Lake — and what can be done to make a difference before it is too late. The GSLC is locally and internationally recognized for excellence in collaboration and relentless focus on the Great Salt Lake. Heather was previously a freelance writer and editor for over 9 years. She earned her Bachelor's degree in Mass Communication/Media Studies from the University of Utah.

Anna McEntire, Director, Janet Quinney Lawson Institute for Land, Water, and Air, Utah State University, Logan, UT

Anna has served as the Director for a little over a year and was previously the Associate Director and Executive Director of Research Communications for the Institute. The mission of the institute is to help guide Utah land, water, and air policy by connecting decision-makers with high-quality research. Anna is currently overseeing projects on Great Salt Lake, Bear Lake, Colorado River, renewable energy, and business engagement. She was formerly employed by the Utah State University for the Office of Research and Graduate Studies and in other positions for over 15 years. Anna earned her BS in Journalism & Political Science, MS in Corporate Communication, and PhD in Natural Resources Management and Policy.

Brian Steed, JD, PhD, Great Salt Lake Commissioner, Office of the Great Salt Lake Commissioner, Salt Lake City, UT – invited

Brian Steed was appointed by Governor Spencer Cox in May 2023 as the first Great Salt Lake Commissioner. Currently, Steed also serves as executive director of the Janet Quinney Lawson Institute for Land, Water and Air at Utah State University. As part of this role, he has served as co-chair of the Great Salt Lake Strike Team, a cooperative effort by Utah State University, the University of Utah, the Utah Department of Natural Resources and the Utah Department of Environmental Quality that provides up-to-date data and analysis of the lake as well as policy recommendations to the governor and legislators for the protection and preservation of the Great Salt Lake. Previously, Steed has served as executive director of the Utah Department of Natural Resources, deputy director of policy and programs of the Bureau of Land Management in Washington D.C., and chief of staff to Congressman Chris Stewart. Steed holds a Bachelor's degree and Master's degree in Political Science from Utah State University, a Juris Doctor and certificate in Natural Resources and Environmental Law from the S.J. Quinney College of Law at the University of Utah and a Doctorate in Public Policy from Indiana University.

Scott Warner, PG, CHG, CEG, Principal Hydrogeologist, BBJ Group, San Rafael, CA

Scott D. Warner is a Principal Hydrogeologist and Regional Leader for BBJ's California and Western US business. His 30-plus years of experience as a consulting hydrogeologist and subject matter expert in innovative groundwater remediation methods has included multi-discipline projects and clients including industrial manufacturers, mining and energy assets, agriculture and recreation sites, government and legal services. Scott has a particular expertise with passive and sustainable groundwater remedies having been a designer for several "first-in-the world" in situ systems and is a frequent speaker and lecturer to both national and international professional and academic audiences on this topic. He has also provided expert witness services for numerous cases both domestic and international. Scott is in the process of earning his PhD in Climate Change Influence on Remediation Design from the University of Newcastle, Australia (Global Centre for Environmental Remediation), and has earned his MS in Geology from Indiana University and BS in Engineering Geology from the University of California, Los Angeles.

Dan McHale, Senior Hydrogeologist, BBJ Group, San Rafael, CA

Dan is a Senior Hydrogeologist at the BBJ Group. He has over twenty-five years of experience as a hydrogeologist. He has been involved in all aspects of managing and conducting hydrogeologic studies, including analytical and numerical modeling, remediation investigations and designs, groundwater management studies, dewatering designs, pumping test design, performance and analysis, slug testing, tidal studies, infiltration studies, water supply studies and well design. Dan has performed groundwater flow and contaminant transport modeling, thermal transport modeling, analyzed groundwater chemistry, performed and analyzed geophysical surveys, delineated wellhead protection areas and assessed groundwater/surface water interactions. Dan earned his MS in Hydrogeology and BS in Hydrogeology from the University of Idaho.

Phillip Kiddoo, Chief Air Pollution Control Office, Great Basin Unified Air Pollution Control District, Bishop, CA

Mr. Kiddoo has served as the Chief Air Pollution Control Officer for over 9 years. The District is a joint agency of Alpine, Mono and Inyo Counties responsible for all federal and state air quality standards to protect the health and welfare of its residents and the environment. Phillip began his career with the District over a decade ago as a Research Systems Analyst and spent the last five years as its Senior Research and Systems Analyst. His work included sophisticated air monitoring and development of data analyses of dust pollution from the dried Owens Lake bed. Mr. Kiddoo previously worked for the California Department of Fish and Wildlife and the University of California White Mountain Research Station.

Seth Kellogg, PG, Senior Principal Geologist, Geosyntec Consultants, Ringoes, NJ

Seth Kellogg is a Principal Geologist based in New Jersey with 25 years of experience. Seth is a leader in evaluating and managing sites impacted by per- and polyfluoroalkyl substances (PFAS), including expertise in evaluating PFAS "background" concentrations and PFAS forensic evaluations. She has co-authored PFAS best practice guidance for the National Groundwater Association (NGWA) and regularly educates regulators and industry professionals on the unique challenges of managing, characterizing and remediating PFAS. She is an advocate for scientifically based PFAS standards and has advised congressional and state staff on PFAS policy.

Shawn Harkness, Account Manager, CV Strategies, Inc., Phoenix, AZ

Shawn is a communications consultant for the Inland Empire's largest strategic communications firm, with offices across the state of California. He works with multiple clients covering public water agencies, city governments, special districts and large-scale solar operators. Shawn performs account management services including: news releases, speech writing, event promotion, media relations, strategic planning and crisis management. As a television journalist and newsroom leader, Shawn knows how to tailor a message so it resonates with audiences. His career took him to newsrooms around the country, with hands-on and management roles in big cities such as Chicago, and rural areas including Montana and West Virginia. Shawn most recently served as News Director at the NBC and Univision stations in Palm Springs. He is well versed in translating detailed, industry-specific information into easy to understand and engaging messages that the wider public can understand. Shawn received his BA in Communication from Mansfield University of Pennsylvania.

Gail Laila, Associate/Business Development Manager, T&M Associates, Middleton, NJ

Gail is a Client Manager at T&M Associates and is responsible for business development, sales strategy, and cultivation of existing client relationships. She also has experience as national grants manager, concentrated on a variety of practice areas in civil engineering and construction. Gail provides a multi-faceted background in public policy, marketing, and governmental relations. Her specialties include Project management, Brownfield Redevelopment, Grant Identification, Legislative Analysis, Federal Contracting, Inter-governmental Coordination, Sustainability Planning, Resiliency and Disaster Recovery, and Renewable Energy Integration. Her journey into policy started with her internships with Congressman Frank Pallone and later with Greener by Design LLC. During her experiences in both offices, she acquired a passion for sustainability planning and environmental advocacy. She has spoken on panels for the US Green Building Council, the NJ Chemistry Council, and various symposiums on clean energy. Gail earned a Bachelor of Arts degree in Political Science and a minor in Spanish from Rutgers University.

Michelle De Haan, Water Quality and Treatment Manager, Park City, UT

Michelle has served as the Water Quality and Treatment Manager for over 12 years. She has extensive experience in customer service, systems administration, project management, data analysis, strategic planning, team building and training, in addition to her knowledge of water and water quality. In addition to her work to protect the drinking water from harmful chemicals, including fluoro wax, she was also an integral part of the team which brought to fruition the 3Kings Water Treatment Plant to optimize operations, achieve local stream discharge and deliver high quality drinking water to the Park City Community.

Ray Garrison, Director of Public Works, City of South Jordan, South Jordan, UT – Invited

Ray has served the City of South Jordan for over 23 years. He began his career with the City as Water Division Manager, where he served for over 15 years. He then worked as the Associate Director of Public Works for almost 8 years before serving in his current role as Public Works Director. Ray earned his Bachelor's of Science in Business Administration from Utah State University. He holds both a Utah Water System Operator Treatment IV License and Utah Water System Operator Distribution License.

Jeremy Kuhn, Director of North America, Roscoe Moss Company, Phoenix, AZ

Jeremy Kuhn has been involved in the Groundwater Industry for over 20 years. Jeremy started his career as a Drillers Helper and has since held positions as a Driller, Operations Manager, Contracts Manager, and Business Development. He is currently the Director of North America at Roscoe Moss Company. In addition to serving on the Board of Directors for the American Groundwater Trust, he also serves on the boards of the National Groundwater Association, Arizona Water Well Association, and the Mountain States Groundwater Association.

Tom Marston, Supervisory Hydrologist, Studies Section, Utah Water Science Center, Salt Lake City, UT

Tom is a member of the Utah Water Science Center, overseeing the work of a number of research scientists and graduate students. His expertise is in Groundwater Models and has several published articles. He works as a groundwater modeler as well as Project Chief over two projects which are investigating groundwater availability in a southern Utah valley and assessment of radioactive/hazardous sites related to abandoned mining throughout the state of Utah. He previously worked as a Laboratory Technician for the University of Utah for over 3 years. He received his Bachelor of Science in Geology and Master of Science in Geology from the University of Utah.

Hugh Hurlow, Senior Scientist/Program Manager, Groundwater and Wetlands Program, Utah Dept. of Natural Resources, Utah Geological Survey, Salt Lake City, UT

Hugh has served as a Senior Scientist/Program Manager with the Utah Geological Survey for over 28 years. The focus of his work includes hydrogeologic and watershed studies, hydrogeology of groundwater basins, hydrologic monitoring of environment restoration projects, groundwater and surface water monitoring, and structural geology and geophysics. Hugh also authored several studies including Malad-Lower Bear Basin Hydrogeology, Snake Valley Hydrogeology & Groundwater Monitoring, and Weber River Basin Aquifer Storage & Recovery Pilot Project. Hugh earned his PhD in Geology from the University of Washington, MS in Geological and Earth Sciences/Geosciences, and ScB in Geological Sciences from Brown University.

Jim Reese, PE, Assistant State Engineer – Tech Services, Utah Dept. of Natural Resources – Division of Water Rights, Salt Lake City, UT

Jim Reese has 20 years of experience in groundwater hydrology and water rights. He has been with the Utah Division of Water Rights for 11 years, the last four as an Assistant State Engineer supervising the Division's Technical Services section. Jim previously worked for Atkins Engineering Associates as a consulting engineer on water rights and groundwater issues in southeast New Mexico. He is a registered professional engineer in Utah and has B.S. and M.S. degrees in Civil Engineering from Brigham Young University.

Brett Bovee, Intermountain Regional Director, West Water Research, Fort Collins, CO

Brett Bovee is the Rocky Mountain Regional Director for WestWater Research and leads the Colorado office in Fort Collins. Brett brings over 15 years of experience conducting a variety of engineering, economic, and water rights studies across the Western states. His projects have been focused on water resources management and water development concepts in the pursuit, protection, and utilization of water rights. Since joining WestWater, he has performed focused water right valuation studies and broader economic and water market analyses, water right investigations for Federal, Tribal, and private clients, and completed studies focused on water valuation, comprehensive water planning, irrigated agriculture, scenario modeling, and water project feasibility. Brett has prepared expert witness and technical reports, completed hydrographic surveys of water use, and reviewed settlement agreements. He holds B.S. and M. Engineering Degrees in Biological and Environmental Engineering from Cornell University, with a focus in water resources. He is a licensed professional civil engineer in five western states, and is also a recognized hydrologist. Prior to joining WestWater, Brett worked for NRCE managing and assisting with water rights projects across the Western U.S.

Neil I. Burk, PG, Senior Project Manager/Hydrogeologist, LRE Water, Salt Lake City, UT

Neil is a licensed Professional Geologist in the State of Utah. He has been working professionally as a hydrogeologist for over 20 years, specializing in groundwater resource development, including feasibility and well siting studies, groundwater exploration, public water system well design, permitting, well construction, and aquifer testing and analysis. He is authorized by the Utah Division of Drinking Water to certify grout seals in public water system wells and also is a Certified Water Right Consultant with the Utah Division of Water Rights and the Rural Water Users Association of Utah. Neil has international experience with mine site hydrogeology and geochemistry. Neil earned his M.S. in Geology from Utah State University and B.S. in Geology and Environmental Earth Science from the University of Utah.

John Jansen, PG, PGp, PhD, Principal Geophysicist/Hydrogeologist, Collier Geophysics, West Bend, WI

John has a B.S. in Geology and a M.S. and Ph.D. in Geological Sciences with an emphasis in hydrogeology and geophysics, all from the University of Wisconsin-Milwaukee. He is a Senior Geophysicist and Hydrogeologist for Collier Consulting. John works on a wide variety of ground water projects around the country specializing in high-capacity wells and groundwater resource management. He received the NGWA Keith A Anderson Award in 2012 for service to NGWA and the groundwater industry and was the NGWA McElhiney Distinguished Lecturer in Water Well Technology in 2013. John was an invited lecturer on managed aquifer recharge and groundwater geophysics for the Geoscience University of China in Beijing in June of 2018.

Norm Jones, PhD, Civil and Construction Engineering Dept., Brigham Young University, Provo, UT

Dr. Norm Jones joined the BYU faculty in 1991. He has served as the Chair for the Civil and Environmental Engineering Department since 2018. His teaching interests include computer methods for civil engineers, groundwater modeling and seepage and slope stability analysis. Throughout his career, Dr. Jones has been selected for several awards including the 2021 John Hem Science and Technology Award, National Ground Water Association, 2016 AWRA Educator of the Year, American Water Resources Association, 2012 Karl G. Maeser Research and Creative Arts Award, Brigham Young University., 2007 Utah Engineering Educator of the Year, American Council of Engineering Companies, 2003 Technology Transfer Award, Brigham Young University, 2002 College of Engineering & Technology Special Commendation Award, Brigham Young University, 2001 Walter L. Huber Civil Engineering Research Prize, American Society of Civil Engineers. Dr. Jones graduated with a BS in Civil Engineering from BYU in 1986. He then earned an MS and PhD in Civil Engineering from the University of Texas at Austin.

J. Lance Nielsen, PE, Senior Principal, Hansen, Allen & Luce, Inc., South Jordan, UT

Mr. Nielsen is a Principal at Hansen, Allen & Luce, Inc. and serves as Project Manager or Project Engineer for water resources engineering projects. He has specialized in water resource investigation and analysis. His expertise in groundwater characterization, well siting evaluation, well design and development, and regulatory compliance related to well drilling and operation has helped several water systems with the development of new water sources and the maintenance of existing sources. Lance has design experience for municipal water system facilities including pipelines, storage tanks, pump stations, and arsenic removal treatment and has completed master planning for gravity and pressurized utility systems. He has completed Drinking Water Source Protection (DWSP) evaluations for more than 245 groundwater sources and has provided regulatory review for the DWSP program under the direction of the Utah Division of Drinking Water. He is a Level 1 and 2 Certified On-Site Wastewater Professional in the State of Utah and has performed several septic system density analyses for the protection of groundwater aquifers. Mr. Nielsen is a member of the American Water Works Association and has served on various committees or as committee chair for more than eight years. He has also served as the Association Chair for the Utah On-Site Wastewater Association. He received B.S. and M.S. degrees in Civil Engineering from Brigham Young University. He is a two-time recipient of the HAL Technical Excellence Award.

Greg Gavin, GIT, Hydrogeologist, Utah Geological Survey, Salt Lake City, UT

Gavin is a Geologist and Hydrogeologist with the Groundwater & Wetlands Program at the Utah Geological Survey. He has a B.S. in environmental geoscience and a graduate studies in hydrology and water resources from The University of Utah College and Mines and Earth Sciences. He spent several years in consulting working on projects throughout the intermountain west focused on ground and surface water quality, hydrology, and water-well drilling before joining the UGS in May 2022. Greg is passionate about tying together the threads of land use, hydrogeology, and water resources. His work with the UGS focuses on surface hydrology and groundwater issues, including water budgets, hydrogeologic characterization, and monitoring hydrologic effects of large-scale watershed restoration projects. In his free time Greg also volunteers with the UGS helping to site, design, and install new geological interpretive signage throughout Utah.

Shane Jones, PE, Water Resource Engineer, Provo City, Provo, UT

Shane has served as the Water Resource Engineer for Provo City for over 18 years. Shane is responsible for engineering design and construction management of sewer and water related projects and development review. Sewer includes oversight of about 300 miles of collection system and a 21 MGD treatment plant. Water includes development and operation of mountain springs, 15 plus groundwater wells, water rights, 32 million gallons of storage, and about 300 miles of distribution lines. Previously, Shane worked as a City Engineer for the City of Bulldale for over 7 years and for Gilson Engineering as a Municipal Engineer for over 6 years. Shane earned an M.E. degree in Environmental Engineering from the University of Utah and B.S. degree in Civil Engineering from Brigham Young University.

Delmas Johnson, MS, PE, Senior Project Manager/Engineer, Hansen, Allen, Luce, Inc., South Jordan, UT

As a professional with nearly 30 years of experience, Mr. Johnson has exceptional leadership, knowledge and expertise in water resources, water rights, technical engineering principles, and project management. He has experience with the dynamics of Utah's water resources, specifically as it relates to regulations, public policy, engineering, administrative, and technical requirements. Delmas has interfaced with numerous stakeholder agencies and their departments, including the State of Utah, local governments, and private institutions. He has served as a project manager throughout all phases of infrastructure development, including planning, design, permitting, bidding, construction, and contract administration. Delmas earned his M.S. in Civil and Environmental Engineering and B.S. in Design Engineering from Brigham Young University.