

2022 COLORADO GROUNDWATER ISSUES

Monday, November 7 and Tuesday, November 8, 2022 – Denver, CO

Presenter professional background (in presentation order)

Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH



Andrew Stone completed post-graduate studies in hydrogeology at University College, London. For 13 years he was involved in groundwater research and lecturing at Rhodes University, South Africa. Since 1989 he has worked in the United States as a private-sector groundwater consultant, as adjunct professor (teaching groundwater protection policy at Antioch New England University), and as groundwater educator, advocate and outreach specialist. His work with the AGWT has involved convening over 350 “information-exchange” conferences and workshops focused on groundwater issues. He has organized over 70 “Groundwater Institutes” that have trained 2,000 science teachers and educators on water resources issues. He is a recipient of the National Ground Water Association “Oliver Award” for his work in promoting groundwater education.

Lauren Foster, PhD, Hydrologist, Neptune & Company Inc., Lakewood, CO



Dr. Foster is a hydrologist with expertise in climate change, integrated modeling, and interdisciplinary collaborations. In her current role, she manages teams of graduate-level scientists to deliver complex technical projects on time and on budget. These projects involve a combination of big data, cloud computing, and numerical modeling. During her career, she has worked with interdisciplinary teams to tackle questions at the interface of traditional expertise, including climate scientists, historians, economists, and regulators. Some of her primary research areas include climate impacts to Colorado River headwater streamflow; the fate, transport, and treatment of deep groundwater plumes; and developing workflows for effective calibration of physically-based models in high-dimensional parameter space. Dr. Foster is comfortable with an array of 3D numerical modeling platforms, as well as a range of programming languages for efficiently sorting, analyzing, and visualizing data. These include R, Python, Julia, TCL, Fortran, and ParaView. She earned a PhD from the Colorado School of Mines.

Adam Jokerst, PE, Rocky Mountain Regional Director, WestWater Research, Fort Collins, CO



Adam Jokerst is the Rocky Mountain Regional Director for WestWater Research and leads the Colorado office in Fort Collins. Adam brings over 15 years of experience in both the private and public sectors. He has overseen long-range water supply planning, water acquisition, water rights protection, and water conservation programs. Adam holds a B.S. in biological engineering from the University of Arkansas and a M.S. in civil engineering from Colorado State University. Prior to joining WestWater, he served as Deputy Director for Water Resources at the City of Greeley, where he led a multidisciplinary team that plans, develops, and operates water supplies serving 150,000 residents.

Connor Newman, PG, Hydrologist, Colorado Water Science Center, US Geological Survey, Lakewood, CO



Connor specializes in hydrogeology and environmental geochemistry, specifically the response of natural systems to human-induced changes such as mining and water-resource utilization. He uses hydrologic modeling tools and geochemistry to understand groundwater flow and the origin and fate of dissolved solutes. Connor has experience working as an on-site mapping and ore-control geologist at an operational molybdenum mine (the Climax Mine), a tour guide in a National Monument (Oregon Caves), as a consulting hydrogeologist, for a state mining regulatory program, and currently for the USGS. He earned his Master of Science in Geology from the University of Nevada, Reno and Bachelor of Arts in Geology from the University of Colorado, Boulder. Connor is a Professional Geologist in Wyoming.

Wilbur “Will” Koger, P.E., VP, Division Manager, Forsgren Associates Inc., Englewood, CO



Mr. Koger’s experience designing, constructing and managing civil/municipal works projects spans more than 36 years. He began his career as a Civil Engineering Officer in the U.S. Air Force, spending four years tending to the infrastructure of military facilities in the US. His expertise includes innovation in water supply, treatment, storage and distribution along with wastewater collection and treatment and stormwater management. He excels at consensus-building, with a knack for untangling complicated water supply relationships. His ability to identify and bring together a variety of funding sources in support of client projects is unique in the industry. Will has a BS in Civil Engineering from the University of Colorado Boulder and a M Eng. Civil Engineering degree from the University of Texas at Arlington.

Kevin Brown, EIT, Junior Water Resource Engineer, Cherokee Metropolitan District, Colorado Springs, CO



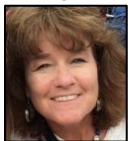
Kevin Brown is a water resource engineer for Cherokee Metropolitan District in El Paso County. Kevin manages the District’s water supply and commitments as well as water supply project planning. He has been deeply involved with Cherokee’s Replacement Plan amendment since the beginning of the project and developed Cherokee’s buildout demand volumes, schedule, and delivery mechanism. Kevin holds a masters in Watershed Science from Colorado State University and a Bachelor of Science from Louisiana State University. He has previously presented at Colorado State University’s Hydrology Days conference in 2018 and 2019, and at the 2018 American Geophysical Union fall meeting.

Greg Peterson, Executive Director, Colorado Ag Water Alliance, Littleton, CO



The Colorado Ag Water Alliance (CAWA) is comprised of agricultural leaders from across Colorado committed to the preservation of agriculture through the wise use of Colorado’s water resources. Members represent major facets of production agriculture, as well as partner organizations such as the Colorado Water Institute, Colorado State University, Colorado Department of Agriculture, and the Colorado Water Conservation Board. In addition to managing grant programs Greg has research experience on agricultural water conservation, irrigation efficiency, rotational fallowing, deficit irrigation and crop switching. He has a MS in the Political Economy of Resources – Water Resources and Hydrology, from the Colorado School of Mines

Nancy Mortvedt, Director of Client Engagement, SL Environmental Law Group, PC, Denver, CO



Nancy Mortvedt is the Director of Client Engagement for SL Environmental Law, drawing upon decades of experience collaborating with and advising senior leaders in water and other sectors to help them succeed in their established business objectives. SL Environmental Law Group assists water suppliers that face increased costs due to the contamination of their drinking water supplies by chemicals from commercial products. Prior to joining SL Environmental, Nancy spent 13 years leading business development and client relationships with the American Water Works Association. There, she forged strong affiliations with water utilities, manufacturers and partners throughout the United States, Europe and Israel. Prior to that, she led business development and marketing efforts in the manufacturing, technical, business-to-business and fundraising industries. Nancy earned her Bachelor of Science Degrees in Marketing and Advertising from Ferris State University, Michigan.

AnnieLu DeWitt, Water Filtration & PFAS Product Line Director for North America, Clean Harbors, Boston, MA



AnnieLu is the National Technical and Sales Lead for the Emerging Contaminant and Water Treatment Program for the Clean Harbors Environmental Services group. She has 25 years of experience in the environmental laboratory and remediation fields and assists clients in interpreting analytical results to evaluate options for treatment utilizing varied medias and pre-treatment equipment to achieve project objectives. Having worked as a gas chromatography–mass spectrometry and a Liquid chromatography–mass spectrometry chemist for PFAS compounds, she believes in the importance of evaluating the project as a whole, from suggesting the most valuable testing methods at the beginning of the project that help determine the best treatment trains and medias for complex waste streams to informing clients on their options for final deposition of their spent media. AnnieLu holds a BS in Chemistry-Geology from Bridgewater State University.

Jeff Bamer, PE, Discipline Leader Remedial Design, CDM Smith, Denver, CO



Jeff Bamer is an environmental engineer and discipline leader of remedial design with over 20 years of experience in the planning, design, and application of novel and conventional in situ and ex situ soil, groundwater and soil vapor treatment systems and remediation processes, as well as oversight of construction. He has experience in evaluating site data, developing design alternatives and cost estimates, managing design development, integrating input from multi-disciplinary teams to create effective remedial designs, and permitting the construction and discharges of these systems. Jeff has a MS in Environmental Engineering from UC Berkley.

Richard Brown, Economist, Public Policy Consultant to the Colorado Water Well Contractors Association, Glendale, CO

Dick Brown is a consultant to many firms and governmental entities on economics and public finance. Dick has a BA in Economics from the University of Missouri, Kansas City and an MPA with a double concentration in city management and public finance from the University of Colorado, Colorado Springs. He has taught several graduate level courses in economics, public administration and public finance at the University of Denver and at the University of Colorado. Dick's involvement with water issues began as an undergraduate student working for the water and wastewater department of the City of Gladstone, Missouri. As a commissioned officer in the US Army, Dick worked on potable water systems for villages in the Republic of Vietnam as an adviser to the 3rd ARVN Ranger Group. During his time as the city manager of Fountain, Colorado, Dick was involved in the development of the Fountain Valley Pipeline, the creation of the Arkansas River Power Authority, the city's augmentation plan and the financial structure of the city's water utility.

Katherine Demaree, PhD, Project Manager, Climate Innovation Collaboratory, University of Colorado Boulder, CO



Kat Demaree is an environmental engineer. In her current role as the project manager of the Climate Innovation Collaboratory, Kat utilizes an interdisciplinary background and skillset to coordinate both domestic and international research efforts. She assists in team leadership in coordination on multiple projects coming out of the Mortenson Center and recently completed a statewide report profiling data gaps in Colorado water management strategies and emerging technologies addressing these gaps. She has a MS in Environmental Engineering from the University of Colorado Boulder, and a BS in Chemistry from Schedler Honors College, University of Central Arkansas.

Dianna Orf, Attorney, Orf & Orf, PC, Denver, CO



Through her firm, Orf & Orf, PC, Dianna advocates at the Colorado General Assembly on behalf of the Colorado Water Congress, an organization of water providers, users, and state and local agencies concerned with water policy. She has represented organizations and companies before the Colorado Legislature for over 30 years in areas including natural resources, water, local government, energy, and health care. Prior to moving to Colorado, she worked in Washington, D.C. for a national trade association and a small lobbying firm. Dianna holds a JD from the University of Denver Sturm College of Law and a B.S. from Southern Illinois University.

Alexandra L. Davis, JD, Deputy Director Water Resources, Aurora Water, Aurora, CO



Alexandra Davis is a Deputy Director, Water Resources at Aurora Water. She has almost 26 years of water resources law, management and policy experience focused mostly in Colorado. Alex joined Aurora Water in 2015 to lead the Water Resources Division of the Water Department. The Water Resources Division is responsible for the acquisition, maintenance and protection of Aurora's water supply, the creation and implementation of water supply and storage projects, water rights operations and watershed health. Prior to this, Alex worked in private practice at Vranesh & Raisch and the Denver-based strategic services and communications firm, GBSM. She spent many years with the State of Colorado serving in multiple leadership capacities in different agencies including the Department of Natural Resources, the Attorney General's Office, the Governor's Office, and Colorado Parks and Wildlife. She served on numerous boards and committees including the Colorado Work Group to Explore Ways to Strengthen Current Water Anti-Speculation Law, the Colorado Water Center Advisory Board, Colorado Water Trust Board, InterBasin Compact Committee, Colorado Ground Water Commission, Colorado Water Conservation Board, Western States Water Council, Governor Ritter's South Platte Task Force, Colorado Foundation for Water Education Board and the Colorado Supreme Court Water Rules Committee. She graduated from Pitzer College in California and earned her JD degree with a focus in Water from University of Colorado School of Law.

Sara Chudnoff, PG, Hydrogeologist, American Ground Water Trust, Pinetop, AZ



Ms. Chudnoff has been working in the water resources and environmental field in New Mexico since the early 2000s. As a consulting scientist, she worked on projects from methane monitoring and reporting to hydrogeologic investigations and well design. In 2009, Ms. Chudnoff left her regulatory role with the State and started working with Bernalillo County. In this position, she worked with hundreds of residents monitoring water levels and promoting outreach and education. At the New Mexico Bureau of Geology she took this model to work on a State Wide Groundwater Level Monitoring Network. Today Ms. Chudnoff resides at a cool 7200-foot amsl in the White Mountains of Arizona where she facilitates educational outreach for watershed health with the local school district and provides water resource consulting in New Mexico. Sara has a BS in Geology from New Mexico Tech and a MS in Water Resources from the University of New Mexico.

Lesley Sebol, PhD, Hydrogeologist, Colorado Geological Survey, Colorado School of Mines, Golden, CO



Lesley has been working for the Colorado Geological Survey as a Geologist-Hydrogeologist since 2014. She 20+ years of experience consulting with both private and government clients. Her specialties include hydrogeology, groundwater, water quality and environmental science. She has managed or worked on projects in the following US states: Colorado, Wyoming, Arizona, Indiana, Ohio, Idaho, Iowa, Oklahoma, Connecticut, Delaware, Rhode Island, New York, and Massachusetts and in the following Canadian provinces: Ontario and the Northwest Territories. Her current projects include monitoring and remediation of LUST sites and county groundwater studies. Lesley earned her B.S. in Geology from the University of Maryland, M.S. in Environmental Science from the University of New Haven, and M.S. and Ph.D. in Hydrogeology from the University of Waterloo. She holds certifications for Professional Geologist in Colorado and Professional Geoscientist in Ontario.

Kevin Donegan, CPG, Senior Hydrogeologist, Hydrogeology Section, CO Division of Water Resources, Denver, CO



Kevin is a Senior Hydrogeologist at Colorado Division of Water Resources. The Colorado Division of Water Resources (CODWR) is a water-level data provider to the National Groundwater Monitoring Network (NGWMN). He has been employed with the CODWR since February 2014. Prior to this, he was a Geologist/GIS Analyst with Jehn Water Consultants, Inc. for six years. Kevin graduated from Hamilton College with a B.A. in Geology.

John Jansen, PhD, PG, PGp, Senior Geophysicist and Hydrogeologist, Collier Consulting, 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.

Noah Heller, PG, President, BESST Inc., San Rafael, CA



Noah has been a practicing geologist for the past 35 years, has a MS in Geology and is a California registered geologist. In total, he has received 16 patents and has patents pending as well. Since 2005, Noah has focused much of his time on the commercialization and continuing technical development of the Tracer Flowmeter and Depth Dependent Sampler that was initially developed by the USGS and licensed exclusively to BESST. Over the past 15 years, BESST has profiled approximately 1,000 public supply wells, primarily for water quality and has amassed a large database of zonal geochemistry throughout California. BESST has applied this knowledge to better understand subsurface distribution patterns of naturally occurring and anthropogenic compounds. These insights have led to the development of a new application for the technology called Stacked Dynamic Profiling of Long Screened Test Wells. This technology and method are being applied at sites through the US.

Meghan Bell, Hydrologist, USGS New Mexico Water Science, Albuquerque, NM



Meghan has worked in the private sector, and state and federal agencies. Since 2016 she has been a hydrologist with the US Geological Survey. Prior to that she was an environmental scientist at the New Mexico Environment Department, and a geologist with Haley & Aldridge in New Jersey. In 2010 and 2011 she worked in Nevada as a Renewable Energy Hydrologist, Power Services, for Bureau of Land Management. She has a BS from the University of Oklahoma and while working as an independent contractor for the US Environmental Protection Agency, completed an MS in Geoscience at the University of Nevada, Las Vegas in 2019.

Christina Welch, Outreach & Research Coordinator, Agricultural Water Quality Program, CSU Extension, Fort Collins, CO



Through the Outreach and Research Coordinator position Christina is pursuing her passion for facilitating effective, science-based communication within the broader context of applied research. This role supports the validation of agricultural Better Management Practices to inform decision-making at the state and farm level in Colorado. Specifically, she focuses on advancing collaborative efforts within the Agriculture Water Quality Program's diverse network of water and agriculture stakeholders. Her interdisciplinary background includes program management, GIS mapping, natural resource mediation, grant writing, and strategic planning. She completed her joint master's degree in Water Cooperation and Diplomacy from OSU, IHE-Delft, and UPeace

Christi Bode Skeie, Owner and Executive Producer, Moxiecran Media LLC, South Fork, CO



Christi is the Owner and Executive Producer of Moxiecran Media, a small production company specializing in natural resource education and documentary film. She works with a team of creatives that also have a shared respect for our natural environments and diverse communities throughout the West. Her focuses on a broad range of topics that involve the use and need of water (which is just about everything under the sun!), including forest and river health, agricultural and municipal water use, traditional ecological knowledge, water quality, climate impacts and beyond. Her clients include federal, state and local entities that want to make information more broadly accessible through visual storytelling. Christie has BA degrees from The Art Institute of Colorado and Pennsylvania College of Art and Design.

Steven O. Sims, JD, Attorney, Brownstein Hyatt Farber Schreck, LLP, Denver, CO



Attorney Sims understands the complexities of water litigation, acquisitions and transactions. In his 40-plus year career, he has led 750 water litigations and over 20 Supreme Court appeals. He is a former senior water counsel and first assistant attorney general for the Water Unit of the Colorado Attorney General's Office. His practice has a focus on water court litigation, water acquisition strategy and water transactions in the west. He has experience representing municipal utilities, industrial and mining projects, oil and gas developments and real estate developments in water adjudications and permitting. He represents clients in the Colorado Water Courts as well as before the State Engineer and Groundwater Commission and the Boards of County Commissioners concerning 1041 permitting. His JD degree is from the University of Puget Sound School of Law.

Lisa Darling, Executive Director, South Metro Water, Greenwood Village, CO



Lisa brings more than 25 years of experience in Colorado water resources to her role as Executive Director of South Metro Water. Prior to joining South Metro Water, she managed the South Platte River Program for Aurora Water, the state's third-largest water utility, where she was one of the key leaders who developed the Water Infrastructure and Supply Efficiency (WISE) Project, a model in regional cooperation on water issues facing the region. She is also a leader in Colorado water planning as a member of Colorado's Interbasin Compact Committee and the South Platte Basin Roundtable. Lisa has a MA from UC Davis and a MS from Troy University, AL

Tracy Kosloff, PE, Deputy State Engineer, Colorado Division of Water Resources, Denver, CO



Tracy has worked for the Colorado Division of Water Resources for over 11 years. As Deputy State Engineer, she oversees the Intrastate Water Supply Development and Litigation Section & the Hydrogeology Section. This position directs and supervises the review and engineering evaluation of substitute water supply plans, water court applications, well permit applications, subdivision water supply plans, and other water supply-related activities, as well as critical hydrogeological investigation activities in the Hydrogeology Section. This position also provides general support to the State Engineer in water administration matters around the state and provides a point of contact for the Colorado General Assembly on legislative matters related to water administration. Tracy earned a Master Degree in Civil and Environmental Engineering from UCLA.