2024 Colorado Groundwater Conference – October 21 & 22, 2024
Presenter Bios

Kevin Donegan, CPG, Chief, Hydrogeology Section, CO Division of Water Resources, Denver, CO
Kevin manages the work of the Hydrogeology Section which serves DWR staff with geological and hydrogeological evaluations and support. Primary support is for water well permitting assistance including determination of aquifers, aquifer boundaries, saturated thickness, alluvial/aquifer interaction, and completion intervals. The group implements the Well Inspection Program and the Statewide Groundwater Monitoring Network. They also provide support for the oversight functions of the Board of Examiners of Water Well Construction and Pump Installation Contractors and the Ground Water Commission. In addition, the section supports DWR in water court proceedings, recharge pond reviews, and anytime hydrogeological expertise is needed. Kevin graduated from Hamilton College with a B.A. in Geology.

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.

Ronald Bell, Senior geoDRONEologist & Geophysicist, Lakewood, CO
In 2014, Ron began his journey to become a globally recognized advocate for the use airborne robots, aka "drones", to collect geophysical and remote sensing data for resource exploration as well as subsurface environmental characterization. Along the way, he developed a unique drone-enabled magnetic mapping workflow for locating legacy oil and gas wells and pipelines precisely and cost effectively. Currently, Ron is focused on drone enabled electrical conductivity mapping to detect and delineate environmental contamination, geologic mapping using a drone enabled gamma ray spectrometer, and the drone magnetic mapping for extractable resource exploration, i.e. minerals, groundwater, geothermal, and hydrocarbons. Ron holds a B.S. in Applied Physics from Michigan Technological University and has over three decades of experience in resource exploration and environmental geophysics.

Kristen Marberry, Hydrogeophysicist, Collier Geophysics, Lakewood, CO
Kristen has been employed with Collier Geophysics for over 5 years and has experience with geophysical surveys and geophysical data processing. Her prior work experience includes employment at Olson Engineering, Inc. as a Geophysicist Intern, Dynalectric Colorado as a Project Coordinator and she was the owner of Marberry Construction for over 5 years. Kristen earned her A.A.S. in Physical Sciences from Everett Community College, B.S.in Geological/Geophysical Engineering, M.S. in Hydrologic Science and Engineering and M.S. Hydrology and Water Resource Science from the Colorado School of Mines,

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 McEllhiney 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.

Amanda Howell, PhD Candidate, Colorado School of Mines, Golden, CO
Amanda Howell is a PhD candidate working on her dissertation with Dr. Brandon Dugan at Mines. Her research has involved investigating the benefits and impacts of biochar on soils as a possible agricultural amendment and carbon storage option. She has worked on biochar's impact on water retention in soils for improved water resource management and is currently focusing on numerically modelling biochar's migration within the soil column.

Wenli Dickinson, PE, Water Resource Engineer, Colorado Division of Water Resources,
Wenli Dickinson is a water resource engineer with the Colorado Division of Water Resources and has been on the Colorado Ground Water Association (CGWA) board for the past three years. She studied environmental engineering and hydrology and graduated from the Colorado School of Mines in 2019. She is a native of Colorado.

Anna Elgqvist, Project Engineer, Lytle Water Solutions, LLC, Lakewood, CO
Anna Elgqvist is a Project Engineer at Lytle water solutions. She has a degree in Geological Engineering from the Colorado School of Mines. Anna has worked for Lytle Water Solutions since 2015. Her work at LWS specializes in surface and ground water hydrology studies, with particular emphasis in creating innovative solutions to water resource issues, development of water supplies, and water rights. Additional expertise also includes all engineering related aspects of deep and shallow well drilling as well groundwater modeling. Anna has helped develop groundwater models in Arizona, California, Colorado and Nevada.

Dave Colvin, Groundwater Team Leader, LRE, Denver, CO
Dave Colvin is the Groundwater Team Leader responsible for providing technical leadership and coordination of diverse subject matter experts. He is a collaborative hydrogeologist with over 23 years of experience in groundwater services, water resources, environmental science, and project management. Dave is currently focused on riverbank filtration, soil aquifer treatment, groundwater recharge (ASR and alluvial recharge), brackish groundwater, groundwater modeling, model uncertainty analysis, expert witness testimony and integrated water resource management. He holds a B.S. in Geology from Syracuse University and an M.S. in Environmental Science and Engineering from the Colorado School of Mines. Dave is a licensed Professional Geologist in Texas, Idaho, Wyoming, and Nebraska. He is a certified Project Management Professional and completed the Colorado Foundation for Water Education Water Leader training course. Dave is active with AWRA Colorado and the American Council of Engineering Companies.

Reid T. Polmanteer, PG, Senior Hydrogeologist, INTERA Inc., Boulder, CO
Reid has spent the past ten years working and studying as a geologist in various locations in the U.S. and abroad. This unique experience provided him with a global water perspective and advanced cross-cultural communication skills. A certified safari nature guide, he brings a passion for all aspects of the environment. He currently works on water resource & supply projects throughout Colorado. His current responsibilities include project management, site investigation, geologic interpretation, aquifer testing and analysis, conceptual site modeling, and GIS. He is a professional geologist certified through the State of Wyoming. Reid earned his Master's degree in Hydrogeology from the University of Strathclyde, Master's level in Hydrogeochemistry from the University of Buffalo, and Bachelor's degree in Geology/Earth Science in Suny Geneseo.

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.

Jessica Rogers, PhD, Senior Project Hydrogeologist, S.S. Papadopulos & Associates Inc., Boulder, CO
Dr. Jessica Rogers specializes in groundwater model development and calibration with a focus on quantifying exchanges between groundwater and surface-water systems, with applications to address water resource management. She has developed and applied groundwater simulation models to assist private and public clients throughout the Western United States. Dr. Rogers received her PhD in Environmental Engineering, M.S in Civil Engineering, with an emphasis in Environmental and Water Resource Engineering, and B.A. in English Literature from the University of Colorado, Boulder.

Sarah Choyke, PhD, Technical Director, Eurofins Environment Testing, Arvada, CO
Sarah Choyke, Ph.D. is the Technical Director at Eurofins Environment Testing in Arvada, Colorado. She has over 15 years of experience analyzing emerging contaminants in the environment with expertise in field sampling, sample preparation, and mass spectrometry. Sara received her PhD from Duke University and B.S. in Chemistry from Haverford College.