Presenter Professional Background (confirmed speakers)
COLORADO WEBINAR - 2020

Peter Goble, Climatologist, Colorado Climate Center, Fort Collins, CO

Peter has a MS in Atmospheric Science from Colorado State University. His work concentrates on collecting data and monitoring Colorado's climate with an emphasis on drought preparedness and mitigation. The Climate Center is dedicated to the development of tools and methods to better communicate the climatology and climate variability of Colorado to scientists, educators, stakeholders, media, and the general public

Grady O'Brien, PG, Principal Hydrogeologist, NEIRBO, Fort Collins, CO

Grady has over 25 years of hydrogeology experience with natural and engineered systems in the mining, environmental, water supply, construction, and waste-containment fields. His work involves the analysis of technical data and translating its significance and implications to support efficient operations, engineering designs, and management decisions. his professional work has involved mine hydrogeology and dewatering; engineering & construction dewatering; environmental impacts and permitting; water supply and management; hydrologic mitigation & engineering controls and groundwater & surface-water interactions. Grady has a MS in Engineering Geology from the Colorado School of Mines and a BS in Geology from the University of Wyoming.

Rory Cowie, PhD, Alpine Water Resources, Silverton, CO

Dr. Cowie has worked in mountain ranges around the world including projects on Mt. Kilimanjaro in Kenya, the Annapurna and Everest regions of Nepal, Mt. Blanc and the Italian Alps, and across the Rocky Mountains and Alaska Ranges in North America. His professional interests are focused on the processes controlling hydrologic fluxes in mountain regions. He works on understanding surface water and groundwater interactions in natural and human altered environments with a focus on the development of remediation strategies to improve water quality in disturbed settings and understanding how changing climate will impact water resource management practices. Rory has a PhD in Mountain Hydrology from the University of Colorado and a BA in Ecology and Wildlife Biology from Colorado College

Wendie Warner, Special Projects Manager, Coalition for the Upper South Platte, Lake George, CO

Wendie is the Science and Monitoring Coordinator for the Coalition for the Upper South Platte. She is currently focused on abandoned mines and water quality within the Upper South Platte but spent several years working on the field crew doing burn restoration, green forest health and helping run volunteer projects within the watershed. Wendie has a degree in water management and is a member of the AIM team, developing the Mitigation Best Practices virtual classroom and assisting with mapping and data collection.

Claudia Corona, Department of Geological Science, University of Colorado Boulder, Boulder, CO

Claudia has a BA in Geosciences from Williams College, Massachusetts, and a MS in Geosciences from San Francisco State University. During her Master's at San Francisco State University, she studied the influence of climate variability on groundwater levels. After graduating, she taught science over a summer at the Boys and Girls Club of San Francisco, and then spent some time working as a hydrogeologist in the Bay Area with the continued goal of understanding the intersections between hydrogeology, environmental issues, and public understanding. She is a PhD candidate at CU Boulder using subsurface hydrologic modeling to better understand what happens to infiltration on its way to recharging groundwater.

Jeremy White, PhD, Principal Hydrogeologist, Intera Inc. Boulder, CO

Dr. Jeremy White is internationally recognized as an expert in inversion of natural-system models, with an emphasis on statistical uncertainty quantification and high-dimensional parameters spaces. Dr. White also has extensive expertise in numerical simulation of hydrogeologic, hydrologic and hydraulics systems, including surface water and groundwater interactions, mass transport and density-dependent flow. At INTERA, his focus includes the continued development of open-source codes: PEST++ and pyEMU and other uncertainty analysis/optimization tools. He has a BS in computer science from West Texas A&M, and MS and PhD.in geology from the University of South Florida.

Robert Hillegas, Physical Sciences Researcher/Scientist, Environmental Data Unit, Colorado Water Quality Control Division, Department of Public Health and Environment, Denver, CO

Robert has a BS in Geology from Texas A & M University. He has worked for the Department of Health and Environment for 15 years. He serves on the Board of Water Well Examiners for the Department of Natural Resources and serves on the Chemigation Advisory Committee for the CO Department of Agriculture. Prior to joining the CDPHE, Robert was a water quality technician for the City and County of Broomfield.

Helen Malenda, Hydrologist, US Geological Survey, Colorado Water Science Center, Denver, CO

Helen is a field scientist with a broad background in hydrology and geology. Her work involves various projects that focus on groundwater availability and sustainability, the impact of legacy mine sites on water quality, and using non-contact methods to estimate surface water conditions conducive to bridge scour.

Before becoming a USGS employee, Helen 'volunteered for science' as an NSF-GRIP fellow at the Upper Midwest Water Science Center, where she provided statistical and publication support for a project investigating causes of arsenic mobilization in glacial drinking water wells. She previously worked as a hydrogeologist for the Colorado Division of Water Resources and as a staff scientist for an environmental consulting firm in Pennsylvania. Helen has an MSc in Hydrologic Science and Engineering from the Colorado School of Mines and an MSc. in Earth and Environmental Sciences, Lehigh University, Bethlehem, PA

Additional speaker details available soon