Groundwater Geophysics Webinar – January 12, 2022
Presenters Professional Backgrounds (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 250 "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.

Rosemary Knight, PhD, Director, GEM Center, Department of Geophysics, Stanford University, Stanford, CA

Rosemary is working with her research group to find innovative ways of using geophysical methods to understand the hydrologic processes occurring in the top kilometer of Earth. In 1985, she coined a term to describe this work, "hydrogeophysics" - a sub-discipline that has grown dramatically over the past 30 years. A current focus of her group is the integration of geophysical imaging with remote sensing data for the evaluation and management of groundwater resources; this research is being done in partnerships with groundwater managers in the western U.S. Using laboratory and field experiments, and computer modeling, we are developing new methods for acquiring, processing, and interpreting geophysical data; and discovering new links between our geophysical images, and hydrologic properties and processes. Rosemary has a Ph.D from Stanford University in, Geophysics (1985) and an M.S from Queen's University, Kingston, Ontario Canada in Geological Sciences.

Doug Laymon, PG, Sr. Geophysicist / Geophysical Manager, Collier Consulting, Stephenville, TX

Mr. Laymon has over 30 years' experience in project management, hydrogeology, mining, environmental sciences, and engineering geophysics. He has conducted and overseen a variety of site hydrogeologic investigations in various locations and hydrogeologic environments. Doug has designed and managed numerous surface and downhole geophysical investigations and utilized geophysical techniques for site geotechnical and hydrogeological characterizations. He is a Past President of the Environmental and Engineering Geophysics Society's (EEGS) Board of Directors and currently serves as President on the EEGS Foundation Board. He is also a committee member for Geoscientists Without Borders (GWB). Mr. Laymon earned a MS in Geology, specializing in Geophysics, and is a registered Professional Geoscientist in the State of Texas.

Mike Blazevic, PG, CHG, Supervising Hydrogeologist, West Yost, Davis, CA

Mr. Blazevic has over 15 years of professional experience in the geological and hydrogeological sciences. His technical expertise includes aquifer sedimentology, stratigraphy, and the application of Geographic Information Systems (GIS) to complex hydrological and hydrogeological problems. He has worked throughout Southern and Central California, drilling and testing water supply and monitoring wells; collecting and interpreting basin-wide geologic, hydrogeologic, and hydrologic data; and preparing technical reports. Additionally, he has played an important role in many surface water and groundwater modeling projects. Mr. Blazevic received a B.S. in Geological Sciences from California State University, Fullerton in 2005 and an M.S. in Geological Sciences from California State University, Fullerton in 2008. His Masters thesis received the "Best Paper Award" in physical sciences at the 2007 Southern California Academy of Sciences annual meeting and was accepted by the Journal of Sedimentary Geology for publication in 2009.

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

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.

Lia Martinez, Geophysical Engineer, Mount Sopris Instrument Company, Inc., Denver, CO

Lia is a Geophysical Engineer with over eight years of experience and is in charge of Mount Sopris Instrument Company's business and sales development in Latin America. She provides technical support to customers in the operation, troubleshooting, and maintenance of all slimline well logging hardware and WellCAD software both in the office and at remote sites around the world. This instrumentation includes natural gamma, electrical resistivity, spinner and heat pulse flowmeters, caliper, acoustic and optical televiewers, full waveform sonic, gamma-gamma density, thermal neutron, dual induction, magnetic susceptibility, spectral gamma, deviation, nuclear magnetic resonance, induced polarization, fluid conductivity/temperature, and water quality. She supports the sales, production, R&D, and rental departments. Lia received her M.A. in Archeology from the University of Denver and B.S. in Geophysical Engineering from the Colorado School of Mines.

Bill Alley, PhD, Science and Technology Director, National Ground Water Association, Westerville, OH

Dr. William M. Alley has served as the Science and Technology Director for over nine years. Previously, he served as Chief of the Office of Groundwater for the U.S. Geological Survey (USGS). Dr. Alley has published over 80 scientific publications, including the text Regional Ground-Water Quality. He has also served on national and international committees for UNESCO and the National Research Council, the U.S. National Committee of the International Association of Hydrogeologists, and as Associate Editor for Ground Water and the Hydrogeology Journal. Dr. Alley is a recipient of the NGWA John Hem Award, the USGS Shoemaker Award for Lifetime Achievement in Communication, the Department of Interior Distinguished Service Award, the Meritorious Presidential Rank Award, and the Groundwater Foundation E. Benjamin Nelson Government Service Award. He received a B.S. in Geological Engineering from the Colorado School of Mines, an M.S. in Hydrogeology from Stanford University, and a Ph.D. from the Johns Hopkins University.