PROFESSIONAL BACKGROUND OF PRESENTERS
Texas Groundwater Webinar – August 12 & 13, 2020

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.

John T. Dupnik, PG, Deputy Executive Administrator, Texas Water Development Board, Austin, TX

John Dupnik is a Texas licensed Professional Geoscientist and holds a Bachelor of Science degree in Environmental Science and Geology from Texas State University and a Master's Degree from the Jackson School of Geosciences, University of Texas at Austin where his research focused on groundwater management in Texas. Prior to his appointment at the Texas Water Development Board, John was the General Manager of the Barton Spring/Edwards Aquifer Conservation District where he was initially employed as Senior Regulatory Compliance Specialist. Before his 13 years with the District, John had nine years of experience in State government with the Texas Commission on Environmental Quality and the Texas Department of Licensing and Regulation.

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 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.

Scott Honeyfield, PE, Principal, Parkhill Smith & Cooper, Inc., Amarillo, TX

Since joining PSC in 1982, Scott Honeyfield has been involved in the conception, design, study and management of numerous major civil engineering projects. In 2000, he became a Corporate Associate and a Principal in 2007. He currently manages the Amarillo office where infrastructure projects are his specialty. He has made significant contributions to the conception, development and design of some of the region's historically largest water works projects over the last 15 years. His duties have included authoring Technical Memoranda, which have established the ground work for highly technical water works projects, followed by the design and development of construction documents for these multi-million dollar projects.

Kathleen Jackson, Director, Texas Water Development Board, Austin, TX

Kathleen Jackson was reappointed to the Texas Water Development Board by Governor Greg Abbott on March 9, 2017. She was appointed to the Board by Governor Rick Perry on March 18, 2014. Jackson has a diverse background representing agricultural, environmental, industrial, and wholesale-supply interests, which includes developing and implementing water management strategies for Southeast Texas. As a registered professional engineer, Jackson served as public affairs manager for one of the world's largest petroleum and petrochemical producers. Additionally, she was involved in production agriculture with her late husband, who ran a cattle operation and farmed rice. She served as a past member of the Lower Neches Valley Authority Board of Directors, the Texas Water Conservation Association, and participated on the Sabine and Neches Rivers Bay and Estuary Environmental Flows Assessment Program Stakeholders Committee. She is also a board member and past president of the Lamar Institute of Technology Foundation, a sustaining member of the Junior League of Beaumont, a member of the Texas Farm Bureau, past president of the American Cancer Society of North Jefferson County, and a past board member of Junior Achievement of the Golden Triangle. Jackson received a bachelor's degree in chemical engineering from North Carolina State University.

Gabriel Collins, PhD, Baker Botts Fellow in Energy & Environmental Regulatory Affairs, Baker Institute for Public Policy, Rice University, Houston TX

Gabriel Collins is the Baker Botts Fellow in Energy & Environmental Regulatory Affairs at Rice University's Baker Institute. He was previously an associate attorney at Baker Hostetler, LLP, and is the co-founder of the China SignPost™ (洞察中国) analysis portal. Collins has worked in the Department of Defense as a China analyst and as a private sector global commodity researcher, authoring more than 100 commodity analysis reports, both for private clients and for publication. Collins' research portfolio is global. His work currently focuses on legal, environmental and economic issues relating to water — including the food-water-energy nexus — as well as unconventional oil and gas development, and the intersection between global commodity markets and a range of environmental, legal and national security issues. His analysis draws from a broad swath of geospatial and other data streams, and often incorporates insights from sources in Chinese, Russian and Spanish. Collins received his B.A. from Princeton University and a J.D. from the University of Michigan Law School. He is licensed to practice law in Texas.

Chuck Dunning, PhD, PG, Vice president Business Development, WellIntel, Milwaukee, WI

Chuck has a demonstrated history of working in the water resource and groundwater data fields. He is skilled in International Project Management, Geology, Hydrogeology, Groundwater Modeling, and Supervisory Management. He has a PhD in Civil and Environmental Engineering from University of Wisconsin-Madison. Prior to joining WellIntel he spent 21 years at the United States Geological Survey Wisconsin Water Science Center where he directed groundwater research priorities, strategic planning, community engagement and program development.

Gretchen R. Miller, Ph.D., P.E., Associate Professor, Zachry Department of Civil & Environmental Engineering -Texas A&M University, College Station, TX

Gretchen Miller, Ph.D., P.E., is an associate professor of water resources engineering in the Zachry Department of Civil Engineering at Texas A&M University, where she teaches fluid dynamics and groundwater engineering. Her bachelor's and master's degrees in Geological Engineering are from the Missouri University of Science and Technology, and her doctorate in Environmental Engineering is from the University of California at Berkeley. She is registered as a professional engineer in the state of Texas. Dr. Miller specializes in groundwater sustainability, focusing on the interactions between groundwater, soil moisture, and vegetation and their implications for managing water resources. Her current work aims to improve methods of artificial groundwater recharge, modeling techniques such as multi-well aquifer storage and recovery systems in order to enhance their recovery and energy efficiency. Her projects also address the management of groundwater dependent ecosystems and their response to changes in groundwater availability. Her research is primarily funded is through a National Science Foundation CAREER Award from the Environmental Sustainability Program and a grant from the U.S. Department of Energy Earth System Modeling Program. In 2015, she was named a Montague Scholar by the Texas A&M Center for Teaching Excellence, and in 2016, she received the Texas A&M Dean of Engineering Excellence Award. She is an associate editor for Hydrological Processes. For more information: tx.ag/geoecohydro.

Steve Walthour, General Manager, North Plains Groundwater Conservation District, Dumas, TX (Bio coming soon)
Steve earned his M.S. and B.S. in Geology from the University of Arkansas.

Steven C. Young, PhD, PG, PE, Principal Geoscientist, INTERA Inc., Austin, TX

Dr. Young has more than 29 years of experience in characterizing and solving groundwater supply and remediation problems. His specific areas of expertise include application of flowmeter pumping tests and sedimentological facies models to characterize aquifer heterogeneity. Dr. Young has worked for a wide-range of clients including municipalities and groundwater districts. He has experience with designing remediation systems and well fields, developing groundwater models, and evaluating groundwater resources. He is a professional geologist, a professional engineer, and a certified groundwater professional. Dr. Young completed his graduate research at Stanford University and the University of Waterloo with a focus on using sedimentological concepts to characterize the hydraulic properties of aquifers. For the first 15 years of his career, Dr. Young primarily performed research for the Tennessee Valley Authority, U.S. Environmental Protection Agency, Department of Defense, DOE, U.S. Army Corps of Engineers, and private companies. His research focused on developing approaches to characterize the scale and direction of spatial variability in an aquifer hydraulic conductivity field important to the modeling of groundwater flow and transport. Dr. Young has over 100 publications related to the characterization or modeling of aquifer heterogeneity.

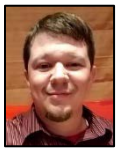
Thomas Ewing, PhD, PG, Owner, Frontera Exploration Consultants, San Antonio, TX

Dr. Ewing has been the owner of Frontera Exploration Consultants specializing in geological and geophysical consulting for over 35 years. He is a geoscientist skilled in interpreting and evaluating multiple data sets of seismic, wellbore, outcrop and potential field data to determine earth history and help define opportunities for exploration or development of resources; also relates geologic knowledge to human history and landscapes. Dr. Ewing is also the owner of Yegua Energy Associates, LLC, participating in programs of exploration and development of energy resources sources in Texas and adjoining states. earned his Ph.D. in Geological Sciences from the University of British Columbia, M.S. in Geochemistry from New Mexico Tech and B.S. in Geology from Colorado College.

Tony Morgan, PG, CHg, Market Leader – Water Planning & Development, Geo-Logic Associates, Santa Barbara, CA

Tony Morgan, P.G., C.Hg., is a Vice President responsible for Water Planning and Development. He is a Principal Hydrogeologist with nearly 40 years of experience in water supply, water management, and hydrogeological programs for municipal, industrial, and agricultural applications. Over his career as a consultant and, recently the Deputy General Manager of a California water district, he has been involved in a broad range of projects related to groundwater supply development and management. In recent years, Mr. Morgan has gained expertise in Sustainable Groundwater Management Act (SGMA) compliance, including formation of Groundwater Sustainability Agencies (GSAs), creation of Groundwater Sustainability Plans (GSPs), and conducting groundwater basin studies. He received a B.S. in Geology and M.A. in Geology from Indiana University.

Andrew Teeple, Hydrologist, USGS Texas Water Science Center, Austin, TX



Andrew P. Teeple earned his Bachelors of Science in Chemical Engineering at the University of Nebraska – Lincoln in 2005. As a student, he began working with the USGS in the Nebraska Water Science Center in 2003. In 2006, Andrew became a full-time Hydrologist for the Texas Water Science Center. As a hydrologist, he uses advanced borehole and geophysical techniques to aid in the interpretation of hydrogeologic characterization and framework, preferential groundwater flow paths, interaction potential between hydrogeologic units, groundwater/surface-water interaction, freshwater/saline-water transition zone delineation, conceptual model development, and other groundwater related concerns in the United States and internationally (Mexico, Canada, United Arab Emirates, Cambodia, and Thailand). From 2009-2014, Andy was the Groundwater Database Administrator for Texas tasked with establishing sites in the National Water Information System, reviewing the groundwater site inventory for errors and inconsistencies, and assisting personnel in data retrieval and entry from and to the database. In 2014, Andy began and continues to serve as the team lead of the Geophysics and Subsurface Analysis Unit (GSAU) in Austin, Texas. As a team lead, he coordinates the actions of the GSAU. During his 13 years with the USGS, he has been author or coauthor of multiple published scientific investigation reports.

Bridget Scanlon, PhD, Senior Research Associate, Bureau of Economic Geology, The University of Texas at Austin, Austin, TX

Dr. Scanlon specializes on the evaluation of the impact of climate variability and land use change on groundwater recharge, application of numerical models for simulating variably saturated flow and transport, controls on nitrate contamination in aquifers. She also supervises graduate students in her role as Adjunct Appointment to the Graduate Faculty, School of Natural Sciences, University of Nebraska, Lincoln. Dr. Scanlon received her B.S. in Geology from Trinity College, Dublin, Ireland, M.S. in Geology from the University of Alabama and Ph.D. in Geology from the University of Kentucky.

Robert Reedy, PhD, Research Scientist Associate, Bureau of Economic Geology, The University of Texas at Austin, Austin, TX

Dr. Reedy's research interests include hydrologic data analysis, field instrumentation systems design, and installation as well as computer applications and programming-databases, CAD, GIS, Fortran, Visual Basic, data-acquisition systems. Prior to working at the Bureau of Economic Geology, Dr. Reedy was employed as a Research Hydrologist at New Mexico Institute of Mining and Technology in Socorro, NM.

Robert Mace, PhD, PG, Executive Director and Chief Water Policy Officer, Meadows Center, Texas State University, San Marcos, TX

Dr. Mace has over 30 years of experience in hydrology, hydrogeology, stakeholder processes, and water policy. Before joining Texas State University in 2017, Robert worked at the Texas Water Development Board for 17 years ending his career there as the Deputy Executive Administrator for the Water Science & Conservation office. While at the Board, Robert worked on understanding groundwater and surface water resources in Texas; advancing water conservation and innovative water technologies such as desalination, aquifer storage and recovery, reuse, and rainwater harvesting; and protecting Texans from floods. Prior to joining the Texas Water Development Board, Robert worked nine years at the Bureau of Economic Geology at The University of Texas at Austin as a hydrologist and research scientist. Robert has a B.S. in Geophysics and an M.S. in Hydrology from the New Mexico Institute of Mining and Technology and a Ph.D. in Hydrogeology from The University of Texas at Austin.

Vanessa Puig-Williams, JD, Director, Texas Water Program, Environmental Defense Fund, Austin, TX

Vanessa Puig-Williams joined Environmental Defense Fund in 2020, bringing more than a decade of experience working alongside conservation and landowner groups to protect critical groundwater resources in Texas. As director of the Texas Water program, Vanessa Puig-Williams leads EDF's efforts to advance sustainable groundwater management in Texas. The program focuses on enabling the state's groundwater conservation districts to effectively manage groundwater resources, considering the long-term needs of all users. This includes rural communities, surface water users, and ecosystems that depend on groundwater or groundwater-dependent rivers and streams. Before joining EDF, Vanessa served as executive director and general counsel of the Trinity Edwards Springs Protection Association, a nonprofit focused on legal and policy initiatives to protect groundwater resources in the Hill Country. She spearheaded consensus-based legislation at the Texas Water Conservation Association and ultimately at the Legislature, initiating the development of stakeholder-driven science related to groundwater and surface water interactions in the Blanco River watershed, and developing joint funding proposals with other conservation groups. She has served on numerous boards, water associations and stakeholder committees, including the Wimberley Valley Watershed Association, the Austin One Water Working Group Onsite Water Reuse Subcommittee and the Travis County Citizens Bond Advisory Committee. Vanessa received her J.D. from the University of Texas Law School, Austin and B.A. in History, and B.A. in Geography from the University of Texas, Austin.