



AGWT – AGWA California Groundwater Conference, Lakewood, CA – March 29-30, 2022

Conference Presenters - Professional Background

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



Andrew Stone is a hydrogeology graduate from University College, London. He has experience in Africa and America as a university professor, groundwater consultant, & educator. Since 1989 he has worked in the United States as a private-sector consultant, as adjunct professor (teaching groundwater protection policy at Antioch New England University) and as groundwater educator, advocate and outreach specialist for the non-profit American Ground Water Trust. His work with the AGWT has involved convening over 350 “information-exchange” conferences and workshops related to well design, groundwater management, aquifer storage recovery, water rights, conjunctive use, geothermal technology, water banking, and asset management. He has organized over 70 “Groundwater Institutes” that have trained 2,000 science teachers and educators on water resources issues and the basics of hydrology. He is a recipient of the National Ground Water

Association “Oliver Award” in for his work in promoting groundwater education

Kelly Gardner, Assistant Executive Officer, Main San Gabriel Basin Watermaster and Raymond Basin Management Board, Azusa, CA (speaking on behalf of Association of Ground Water Agencies)



As Assistant Executive Officer for the Main San Gabriel Basin Watermaster and Raymond Basin Management Board, Mrs. Kelly Gardner reports to the Executive Officer and oversees groundwater quality and supply management activities as well as administration of the Basin’s groundwater adjudication. She directs staff functions associated with basin management as it directly relates to groundwater production, well construction, groundwater treatment and resource planning. Mrs. Gardner was appointed to the position of Assistant Executive Officer in 2012. Including her time with Watermaster, Mrs. Gardner has more than thirty years of water management and resource planning experience in the San Gabriel Valley with a local Municipality. She holds a Bachelor of Science Degree in Organizational Leadership and is certified by the State of California as a Water Treatment Operator and Water Distribution Operator.

Mrs. Gardner currently serves on the Greater Los Angeles IRWM Leadership Committee as the Chair of the Upper San Gabriel River and Rio Hondo Steering Committee and is a seated member on many Los Angeles/San Gabriel Valley area advisory committees as a water industry representative.

Laurie Huning, PhD., Assistant Professor, Department of Civil Engineering & Construction Engineering Management, California State University, Long Beach, CA



Dr. Laurie Huning joined the CSULB Department of Civil Engineering and Construction Engineering Management as an Assistant Professor in Fall 2020. She obtained her Ph.D. in Civil Engineering from the University of California, Los Angeles. After graduating, Dr. Huning was a National Science Foundation (NSF) Earth Science postdoctoral fellow in the Department of Civil and Environmental Engineering at the University of California, Irvine. Dr. Huning’s research aims to better characterize hydrologic processes as they interact with both natural and human systems. She combines remote sensing with physical and statistical approaches to improve hydrologic estimation, water resources management, and extreme event (e.g., droughts, floods) and cascading hazard mitigation across a variety of spatial and temporal scales. Her research addresses global water resources problems by linking the fields of hydrometeorology, climatology, remote sensing, and modeling together.

Anona Dutton, PG, CHg, Director of Water Resources, EKI Environment and Water, Daly City, CA



Ms. Dutton has over 20 years of professional experience performing and managing water resources projects. She has managed multi-million dollar efforts to secure reliable water supplies for water agencies and developers, including leading the technical efforts to minimize the water footprint of new and existing development, assessing groundwater and surface water supply yields, installing groundwater wells, securing water transfer options, and evaluating the feasibility of developing new water supply sources such as recycled water, desalination water, and other non-potable sources (stormwater, rainwater, and greywater). She is also deeply involved in Sustainable Groundwater Management Act implementation throughout the State, including provision of strategic and technical support for Groundwater Sustainability Agency (GSA) formation and administration and Groundwater Sustainability Plan (GSP) development and implementation. Her work to support public sector clients has included conducting Water Supply Assessments, developing Water Supply Master Plans, and preparing Urban Water Management Plans and Water Conservation Plans. She has provided technical and strategic support to clients on a broad range of complex water-related and environmental issues, including litigation support and basin adjudication proceedings. She earned her B.S. in Environmental Science and M.S. Hydrogeology from Stanford University. She is a Certified Hydrogeologist and Professional Geologist in the State of California.

Allison Febbo, General Manager, Mojave Water Agency, Apple Valley, CA



Allison was recently appointed to serve as General Manager of Mojave Water Agency. She has served as assistant general manager since Jan 2021 and has a 23-year background in water resources, hydrology, and water operations. Before joining the MWA, she was the deputy operations manager for the U.S. Bureau of Reclamation located in the Central Valley. She also served as a senior water resource specialist for the State Water Contractors Agency and Surface Water Resources Inc. At both agencies, her primary role was to work collaboratively with government agencies, ancillary organizations, and other stakeholders to protect the water supplies for the State Water Project and other water contractors. Allison received her B.S. in Earth and Atmospheric Science from Georgia Tech and M.S. in Hydrologic Science from the University of California–Berkley.

Kathy Corner, General Manager of Special Projects, Mojave Water Agency, Apple Valley, CA



Kathy Corner recently transitioned to General Manager of Special Projects after serving as Mojave Water Agency General Manager for the past two years. Kathy also served as Assistant General Manager and was the Chief Financial Officer for over twelve years. She possesses twenty-five years of experience in the water industry and has been active with the State Water Contractors working to ensure sustainability for the region. She holds a Bachelor of Science degree in Accounting and a Master’s degree in Business Administration from California State University, San Bernardino.

Matthew Fienup, PhD, Executive Director, Center for Economic Research & Forecasting, California Lutheran University, Westlake Village, CA



Matthew is the Executive Director of the Center for Economic Research and Forecasting (CERF) at California Lutheran University. His specialties are applied econometric analysis, the economics of land use, and environmental markets. Matthew is a member of the Wall Street Journal Economic Forecasting Survey. He was the recipient of 2019 and 2020 Crystal Ball Awards for the Zillow Home Price Expectations Survey. Since its inception in 2014, Matthew has been integral to the design and implementation of the Fox Canyon Water Market, the first groundwater market to be implemented in California under SGMA. He led grassroots outreach among growers and was chosen to chair the Fox Canyon Water Market Group. Matthew played a vital role in facilitating the rules and operational mechanisms for a water market to be implemented under the basins' Groundwater Sustainability Plans. Matthew also served as exchange administrator for the Fox Canyon Water Market. Matthew completed his Doctorate and M.S. Degree in Environmental Economics at the Bren School of Environmental Science and Management at UC Santa Barbara and B.S. from Woodbury University.

Natalie Palacio, Water Resources Specialist, Irvine Ranch Water District, Irvine, CA



Natalie Palacio is the Water Resources Specialist at the Irvine Ranch Water District. She joined Irvine Ranch Water District (IRWD) in 2015, assisting in the planning, development, and implementation of IRWD's water banking, transfers and exchange programs. Natalie evaluates the feasibility of water resources opportunities for IRWD including the Kern Fan Groundwater Storage Project and is essential to the ongoing development of the Project. She studied Urban Studies with an emphasis in Environmental Design at the University of California, Irvine.

Paige Gilligan, CAC, President, Risk Mitigators & Advisors LLC, Clovis, CA



Ms. Gilligan has over 25 years of collateral valuation experience throughout the western United States. Before starting Risk Mitigators & Advisors, she served as a Senior Vice President with Rabobank, N.A. located in the central valley of California. There she was responsible for collateral risk for the bank on all real estate secured term loans and personal property secured working capital commercial loans. As a risk management consultant, she leverages her experiences in real property and personal property valuations to assist clients in understanding risk in their operations while matching those risks to the client's needs in order to maximize value. Ms. Gilligan focuses on providing services to agricultural operations and businesses needing assistance with understanding both the valuation process and the implications of those valuations. Working across the western U.S. has allowed Paige to gain diverse expertise in the areas of dairies, wineries, permanent planting operations (fruits and nuts), row crop operations, feedlots, agribusinesses and commercial business operations. She earned her MBA in E-Business from the University of Phoenix, BS in Agricultural Business Management/Ag Economics from Purdue University and a Diploma in Comparative Food Systems from the Ukrainian Agricultural Academy.

Mary Lynn Coffee, JD, Partner, Nossaman LLP, Irvine, CA



Mary Lynn has extensive experience providing legal and regulatory advice and counsel with respect to complying with and permitting under CEQA, NEPA and state and federal water quality, wetlands, endangered species and other natural resource protection laws. Her experience includes successfully negotiating, obtaining and defending, or administratively challenging and moderating, the requirements of NEPA/CEQA clearances and environmental permits for large public water, transit, transportation, energy and logistics infrastructure projects. She has unique experience in obtaining multi-lateral agreements for environmental programs among regulatory agencies, environmental groups and infrastructure or real property developers. This expertise includes preparation of multi-stakeholder Habitat Conservation Plans, Natural Community Conservation Plans and Special Area Management Plans developed to address state and federal Endangered Species Act and wetlands protection requirements. She also has experience in preparation of multi-stakeholder programs to address water quality protection, including programs for Section 303(d) impaired water bodies and TMDLs and stormwater and runoff water quality programs developed for General Construction Activities, Industrial Activities and Phase I and Phase II municipal storm drain systems. Mary Lynn is at the forefront in providing regulatory, legislative and policy counsel to respond to ever-changing requirements imposed on public agencies and private entities under CEQA and NEPA, the state and federal Endangered Species Acts, federal Clean Water Act and Porter Cologne, as well as other surface and storm water quality mandates. Mary Lynn is an appointed representative to the Association of California Water Agencies' (ACWA) Water Quality Committee. Mary Lynn earned her J.D. from the University of Texas School of Law and B.S. from Trinity University.

Lori Anne Dolquiest, JD, Partner, Nossaman LLP, San Francisco, CA



Lori's practice focuses on water, energy, transportation and telecommunications regulatory matters before the California Public Utilities Commission (CPUC). She is experienced in representing clients in utility mergers and acquisitions, rate cases, investigations, rulemakings and other aspects of state and federal regulation. Lori has specialized expertise in California utility regulatory matters, with particular focus on matters involving water utilities. In recent years, she has been actively engaged by her utility clients in increasingly complex general rate cases before the CPUC and is able to deliver optimal results through both settlement negotiations and CPUC litigation. She has also represented clients in the accelerating number of mergers and acquisitions taking place in the utility industry in California. Lori provides assistance with ratemaking, rulemaking, investigation and complaint proceedings at the CPUC for regulated entities and other interested parties. She earned her J.D. from Georgetown University Law Center, LLM and B.A. from the College of New Jersey.

Deven Upadhyay, Chief Operating Officer and Assistant General Manager, Metropolitan Water District of Southern California, Los Angeles, CA (invited)



Deven Upadhyay is the executive officer and assistant general manager of the Metropolitan Water District of Southern California. He is responsible for managing the operational business functions of the district, including system operations, engineering, planning and water resources management. Among his primary duties is to implement the Chief Executive Officer's business plan and initiatives as well as to oversee the application and operational practice of the board's policies and directives. Upadhyay began his career with Metropolitan as a resource specialist in the Planning and Resources Division. After 10 years, he left Metropolitan to work for the Municipal Water District of Orange County on water policy issues. In 2008, he returned to Metropolitan as the budget and financial planning section manager before becoming group manager for Water Resources Management in 2010. Upadhyay earned a Bachelor's degree in Economics from California State University, Fullerton and a Master's Degree in Public Administration from the University of La Verne.

Paul Gosselin, Deputy Director of Statewide Groundwater Management, California Department of Water Resources, Sacramento, CA



Paul Gosselin joined the Department of Water Resources (DWR) as the deputy director for sustainable groundwater management in July 2021. Paul oversees DWR's groundwater management activities statewide, including the implementation of the Sustainable Groundwater Management Act (SGMA). He served 13 years as Butte County's director of water and resource conservation, where he managed the county's State Water Project Table allocation, investigated and reported on groundwater conditions, and implemented the groundwater management plan. Prior to Butte County, Paul was chief deputy director at the California Department of Pesticide Regulation from 1999 to 2007 and was assistant director for enforcement, environmental monitoring, and data management from 1993 to 1999. From 1989 to 1993, he was the director of regulatory services for the Massachusetts Department of Food and Agriculture. Paul received a BA in biochemistry and an MA in chemistry from the University of Massachusetts.

Tara Rolfe, PG, CHG, Senior Hydrogeologist, Geosyntec Consultants, Inc., Pasadena, CA



Tara Rolfe is a Certified Hydrogeologist consulting in the water resources industry. She has more than 17 years of experience focused on potable water supply and groundwater development and sustainability. Her work with public and private clients has included groundwater and spring water development, water supply resilience, basin-wide water management, regulatory compliance, litigation support, and development and implementation of adaptive management plans (AMPs). She has recently been appointed Secretary to the Water Well Technology Committee of the American Water Works Association's California-Nevada Section. Tara has a BA in Geology and Environmental Studies, from Occidental College, Los Angeles.

Kevin McGillicuddy, PG, Chief Hydrogeologist, Roscoe Moss Company, Los Angeles, CA



Kevin McGillicuddy is the Senior Hydrogeologist and Director of the Stormwater Treatment Division of Roscoe Moss Company. He joined the Roscoe Moss Company in 1996 and has worked as a technical liaison to municipal water agencies, groundwater consultants, and water well contractors. He has managed and participated in several educational workshops on water well design, testing and rehabilitation. Prior to joining Roscoe Moss Company, he worked as Director of Recharge Operations and as a Senior Hydrogeologist for the Orange County Water District in Fountain Valley, CA. Kevin holds a Bachelor of Science Degree in Geology from Boston College and Masters' of Science Degree in Geology from the University of Southern California. He is a Registered Geologist in California.

Heather Dyer, District General Manager and CEO, San Bernardino Valley Municipal Water District, San Bernardino, CA



Heather has served as General Manager and CEO for two years. Prior to this role, she was a Senior Water Resources Project Manager/Biologist since joining the agency in 2014. She is an experienced regional environmental planner who has been leading the District's Upper Santa Ana River Habitat Conservation Plan (HCP), a landscape-level planning effort that includes 11 water agencies in San Bernardino and Riverside Counties. Heather began her career as a biologist in south Louisiana before moving to Southern California. Since coming to California, she has focused on the complex ecological and water supply issues of the Santa Ana River Watershed while building cooperative relationships with a host of watershed agencies and stakeholders. She worked as the Santa Ana River lead biologist for the U.S. Fish and Wildlife Service at the Carlsbad and Palm Springs offices, and through that position first became involved in the water projects being proposed by the various water agencies of the watershed, including Valley District.

Heather earned her MBA in Non-Profit/Public/Organizational Management from Drucker School of Management, M.S. in Marine and Environmental Biology from Nicholls State University and B.S. in Biology from the University of Louisiana at Lafayette.

Mike Blazevic, PG, CHG, Hydrogeologist, Santa Margarita Water District, Rancho Santa Margarita, 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 Master's 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.

Ed Othmer, PE, VP, Sector Leader, Stormwater and Wet Weather Flow, Stantec Consulting Corporation, San Diego, CA



As the North America Wet Weather Sector Leader, Ed is responsible for strategic planning, business development, project execution, and revenue growth. He has over 27 years of diversified expertise in the water resources engineering and environmental consulting fields with a focus on stormwater management. Ed and his team are working to integrate water resources to optimize water supplies, address water quality, and make our cities more resilient by refocusing their strategy by capturing and using stormwater as a resource. In addition to being a registered civil engineer in California and holding many stormwater certifications, Ed is passionate about the stormwater market. He has served as Principal-in-Charge and Project Manager on hundreds of stormwater projects across the United States for federal, state, local, and private sector clients. Additionally, he teaches stormwater classes for many organizations including UCSD Extension Program and serves on numerous technical advisory committees. He also serves as the President of the Industrial

Environmental Association, and is a San Diego State University Civil, Construction, and Environmental Engineering Faculty Advisory Board Member. Ed received his Master's Degree in Civil Engineering from Tufts University.

Catherine Swanson, Groundwater Remediation Specialist, Purolite Corporation, Fullerton, CA



Catherine is a Chemical Engineer with water treatment background. She has worked in facility engineering, technical service, marketing, sales, and business development. Her current focus is on increasing business in the Environmental Solutions market for groundwater remediation and NPDES discharge. She is a technical resource for granular activated carbon, perchlorate, nitrate, uranium, and chrome VI treatments. Prior to joining Purolite, she was a Sales Engineer for Evoqua with responsibilities for groundwater remediation of inorganics like perchlorate, nitrate, chrome VI and uranium for the Western Region of the US. Previous employment in the field of chemistry and water treatment has been with Airluquide, GS Polymers and Dow Corning. She has a BS in chemical engineering from Northwestern University.

Greg Berlin, JD, Attorney, Senior Associate, Alston & Bird, Los Angeles, CA



Greg Berlin is a senior associate with Alston & Bird's Environment, Land Use & Natural Resources Group. He focuses his practice on high-stakes environmental litigation and investigations, including government enforcement actions, natural resource damages, citizens suit defense, and toxic tort claims. Greg has extensive experience helping clients in the energy, infrastructure, real estate, and food & agriculture industries strategically resolve contested environmental and land use matters in federal and state courts. He has defended actions arising under the California Environmental Quality Act, the National Environmental Policy Act, the Comprehensive Environmental Response, the Compensation, and Liability Act, the Endangered Species Act, and the Clean Water Act. Greg advises companies in complying with environmental impact review requirements, land use planning and permitting, and environmental regulatory compliance.

Greg received his J.D., cum laude, from the University of California, Hastings College of Law, with a certificate in environmental law

Edith Martinez-Guerra, PhD, PE, Research Environmental Engineer, US Army Corps of Engineers Engineer Research & Development Center, Vicksburg, MS



Dr. Martinez is a research environmental engineer in the Environmental Laboratory. Edith joined ERDC in May of 2016 after completing her doctoral degree in Civil and Environmental Engineering at Mississippi State University. While a PhD student, Edith worked on using different feedstocks and different technologies to produce biodiesel. She also worked on different EPA funded projects including: wastewater treatment, algal biodiesel production, rainwater runoff mitigation, and water desalination projects. Edith has published over a dozen journal articles, as well as few book chapters and her research has been presented in different (regional and national) conferences. She has won several awards for her publications.

Anthony Brown, CEO & Principal Hydrologist, Aquilogic, Costa Mesa, CA



Anthony is the founder, Chief Executive Officer and Principal Hydrologist at aquilogic. Prior to aquilogic, he was the Chief Business Development Officer at exp, Senior Vice-President of Strategy & Development at WorleyParsons, and the global sector leader for their Environment business. He was previously the CEO and one of the founding principals at Komex Environmental, a global environmental consulting company. Anthony received his MS degree in Engineering Hydrology from Imperial College London. He has over 25 years of experience in many aspects of infrastructure engineering and environmental consulting, with a focus on hydrologic science, water resources, environmental engineering, and water treatment & supply. He has provided expert testimony in numerous "high -profile" cases involving emerging and recalcitrant chemicals in groundwater. Anthony has also briefed the following on the impact of industrial chemicals on water resources: United States Environmental Protection Agency (US EPA) and State regulators; White House Officials; US State, and local elected officials and Professional bodies and academic institutions.

Gregory Schnaar, PhD, PG, Environmental Scientist, Hydrologist, Daniel B. Stephens & Associates, Inc., Silver Springs, MD



Dr. Schnaar specializes in contaminant transport evaluation in soil, sediment and groundwater, forensic environmental analyses, groundwater and vadose zone modeling, watershed-scale hydrologic studies, field sampling and geologic sequestration of carbon dioxide. He has managed a variety of environmental and water resource investigations, including quantitative evaluation of petroleum hydrocarbon, chlorinated solvent, metal, coal-ash constituents, PFAS, PCBs and perchlorate migration from leaking tanks, pipeline leaks, landfills, sewer systems and mine sites. He has served as an expert technical consultant to the U.S. Environmental Protection Agency Office of Ground Water and Drinking Water and the California State Water Resources Control Board, and he is Associate Editor for the peer-reviewed journal Groundwater. Dr Schnaar has led research projects funded by the Superfund Basic Research Program focused on improving understanding

of organic solvent migration in groundwater and the vadose zone. Previously, as a post-doctoral fellow at the U.S. Environmental Protection Agency Underground Injection Control (UIC) Program, he developed regulations and guidance for Carbon, Capture and Storage projects

Hoori Ajami, PhD, Associate Professor, Department of Environmental Sciences, University of California, Riverside, CA



Hoori is an Associate Professor of Groundwater Hydrology for the University of California. Her main area of expertise is in Catchment Hydrology and Spatial Analysis. She uses observational data and various modeling tools to understand hydrologic processes such as groundwater recharge, surface water-groundwater interactions, and land surface processes at a catchment scale. Hoori has extensive experience in spatial analysis and custom application development for hydrological models. Her research interests are in the application of integrated hydrological models to characterize surface water/groundwater/atmospheric interactions, computationally efficient hydrologic model development, ecohydrology and application of remote sensing and isotopic data in characterizing hydrologic cycle.

Throughout her academic career, she has received many awards including the 2020 NSF CAREER Award and 2019 Editors' Citation for Excellence in Refereeing for Water Resources Research. Hoori earned her Ph.D., Hydrology from the University of Arizona, Certificate of Excellence in Geographic Information Science from the University of Arizona, M.S. in Natural Resources Engineering (Environment) from the University of Tehran, Iran, and B.S. in Natural Resources Engineering (Environment), Isfahan University of Technology, Iran.

Raghu Suribhatla, PhD, PE, Technical Services Manager – California, INTERA Inc., Torrance, CA



Raghu Suribhatla, PhD, PE, has served as INTERA's Manager of California Technical Services for over six years. In this role, he manages California staff and technical projects for INTERA. Prior to joining INTERA, he was a Hydrologist at AMEC Geomatrix for over 7 years. He published the article, *High Resolution Site Characterization: Scaling the Solution to the Problem*, which focuses on high resolution site characterization (HRSC) and the advantages it provides compared to traditional investigation methods. Raghu earned his Ph.D. in Stochastic Models of Heterogeneous Subsurface and Master's Degree in Civil Engineering from State University of New York at Buffalo and Bachelor of Technology in Civil Engineering from Indian Institute of Technology, Madras. Raghu is a Professional Engineer in the State of California.

Dan Hoover, PhD., Oceanographer, USGS Pacific Coastal and Marine Science Center, Santa Cruz, CA



Dr. Dan Hoover is an Oceanographer with the U.S. Geological Survey in Santa Cruz, California. He works on sea level rise impacts on coastal groundwater, and on the physical evolution of shorelines in response to sea level rise and climate change. He serves as a science advisor on several regional panels working on sediment management and coastal impacts of climate change. He has an M.E. in Engineering from Harvey Mudd College, and M.S and Ph.D. degrees in Biological and Geochemical Oceanography from the University of Hawaii.

Roy Herndon, PG, CHG, Chief Hydrogeologist, Orange County Water District, Fountain Valley, CA



Roy Herndon is the chief hydrogeologist at the Orange County Water District, and directs the activities of OCWD's hydrogeology department, including numerical groundwater flow modeling, performance evaluation and improvement of two seawater intrusion barriers, basin-wide and local water level and water quality investigations, and the operation of a comprehensive water resources data management system. A former director of the Groundwater Resources Association of California, Roy serves on the Santa Ana River Watermaster, Alamitos Seawater Barrier Joint Management Committee, MCAS El Toro Restoration Advisory Board, and Orange County Well Standards Advisory Board. He has advised the state Department of Water Resources on implementation of the Sustainable Groundwater Management Act and other state and local agencies. Roy holds a bachelor's degree in geology from Colorado College and a master's degree in hydrology and water resources from the University of Arizona. Roy is a Professional Geologist and Certified Hydrogeologist in the state of California.

Christopher S. Copping, PG, CHG, Senior Geohydrologist, Geoscience Support Services, Claremont, CA



Chris Copping has more than 15 years of experience on groundwater and well investigations for numerous municipal and private clients. His expertise is in well design, construction, testing, comprehensive well assessments and well rehabilitation programs. His project work includes groundwater hydrology investigations, groundwater basin studies, source contaminant analyses and groundwater quality studies. He also has experience with artificial recharge and conjunctive use studies and desalination feed water supply studies. Most recently, Chris has served project manager on a number of well drilling and rehabilitation engagements involving well siting, well design and construction, well development and aquifer pumping test analyses. Chris serves as a volunteer in the California-Nevada Section of the American Water Works Association, and makes frequent presentations to operators and other water professionals on well efficiency practices. He earned his B.S. in Geolog from the College of William & Mary. Chris is a Professional Geologist and Certified California Hydrogeologist.

David Barnes, Senior Modeler, Geoscience Support Services, Tucson, AZ



David has more than a decade of professional experience working in the water resources, water supply and mining sectors. His experience includes numerical modeling of surface and groundwater systems, design and construction of water supply and injection wells for fresh, brackish and seawater RO facilities. He earned his B.S. in Hydrology and Water Resources from the University of Arizona-Tucson and Master's in Engineering- Civil and Environmental Engineering from MIT-Cambridge.