

**WRF Webinar: Utility Risk and Resilience Assessments: AWIA Lessons Learned from the Trenches**  
**June 17, 2020**

**Presenter Biography Information**

**Jian Zhang**, Water Research Foundation –Research Program Manager

**Will Williams**, Black & Veatch –Associate Vice President, Planning & Asset Management

**Ahmet Ozman**, Black & Veatch –Senior Consultant, Planning & Asset Management

**Kevin Harper**, Black & Veatch –Senior Technical Advisor, Planning & Asset Management

**WRF LIFT 2020 Technology Scan Webinar: Pipes**

**Tuesday, September 15, 2020**

**Presenter Biography Information**

**David M Hughes, PE — Independent Water Research Consultant Modernizing Distribution**

Dave Hughes is a graduate of Carnegie Mellon University and a registered civil engineer. He has over 30 years of experience in water systems combining design, operational and managerial experience with the use of new technologies and effective decision-making techniques. He has served in various capacities including utility manager, consulting engineer and researcher. As an independent consultant he continues research work following 13 years as a researcher at American Water where he led initial efforts to bring innovative technologies to the water utility industry.

**Mo Ehsani, PhD, PE, SE — President, QuakeWrap Inc. and Centennial Emeritus Professor of Civil Eng., U. of AZ**

Dr. Ehsani received B.S., M.S., and Ph.D. degrees from the University of Michigan before joining the faculty of the Department of Civil Engineering at the University of Arizona in 1982. He pioneered the field of repair and retrofit of civil structures with carbon Fiber Reinforced Polymer (FRP) materials and has published these findings in more than 100 professional journals. He has over twenty patented technologies in a wide range of applications from repair of marine infrastructure to repair and construction of pipes and received the 2014 Arizona Technology Leader of The Year Award. Dr. Ehsani is a Fellow and Life Member of the American Society of Civil Engineers and a Fellow of the American Concrete Institute (FACI) and is a registered professional engineer in twenty states. He has been featured on major media such as CNN, National Public Radio, the History Channel, and Engineering News Record for his expertise on strengthening of structures, particularly related to earthquakes, terrorist attacks and other potential structural disasters (<http://quakewrap.com/tv.php>). In 2010, Dr. Ehsani left the University of Arizona as a Professor Emeritus to devote his full attention to QuakeWrap, Inc., a company he had founded in 1994 that specializes in repair and retrofit of structures with FRP. The company offers turnkey design/build solutions to its international clients. Numerous award-winning projects and creative solutions/products developed to address the clients' needs attest to the unique capabilities of this company.

**Nicholas Goertz — VP Sales and Marketing SewerVUE Technology Corp.**

Nicholas holds a degree in physics and mathematics, and has over 10 years of commercial experience in the field of optical sensing. In addition to guiding product development at SewerVUE, Nicholas has priced, planned and executed advanced condition assessment projects totaling over eighty-six thousand feet. Projects which have occurred in geographically diverse places such as penstocks in the remote mountains of British Columbia, tunnels in the suburbs of

Hong Kong, and sewers near the pristine beaches of southern Australia. Nicholas's mission is to end the practice of managing billions of dollars of assets solely on a rating from 1 to 5.

**Aaron Fisher, PhD PMP — Technology and Innovation Manager, LIFT, The Water Research Foundation**

Aaron joined the legacy Water Environment Research Foundation in 2016. Aaron works on the LIFT team where he serves as the technical lead (aka technology scout) in identifying innovation. He manages the LIFT Technology Scan process, LIFT Link, and the FAST Water Network. He assists with the validation program, webinars, proposal, and other strategic activities. Aaron also serves as co-manager of the HYPOWERS (Genifuel) project and has his PMP certification. Aaron previously served as a support contractor to the U.S. Department of Energy and is the founder of a battery start-up. Aaron received a PhD in Chemical Engineering from the University of Maryland and a BS in Chemistry from Duke University.

**Water Research Foundation Webinar: AMI – Meter Data Analytics  
Tuesday, September 29, 2020**

**Presenter Biography Information**

**Terrance M. Brueck, CEOEMA, Inc.**

Terry leads strategic initiatives for many utilities, water sector associations, and research organizations. Terry's contributions include forecasting of future trends and utility strategies to improve organizational performance. His research is notable for results that deal with practical ways to implement asset management, energy management, information technology, process automation, metering infrastructure, workforce development, benchmarking and performance measurement. In his more than 40 years of experience, Terry has worked with utilities in the United States, Canada, and the United Kingdom to help their organizations become more efficient, effective, and prepared for the future. A Registered Professional Engineer, he is a frequent speaker at industry conferences where he has authored and presented many papers on projects for WRF, AWWA, WEF, AMWA, NACWA, and leading utilities.