



WaterReuse Association
Northern California Chapter Meeting – Agenda
Friday, February 26, 2016, 9:00 AM to 1:00 PM
EBMUD, 375 11th Street, Oakland, CA

Water Supply Outlook: How El Nino is Affecting Water Supply
AGENDA

8:30 – 9:00	Breakfast/Refreshments
9:00 – 9:15	Welcome Curtis Lam, President, Northern California Chapter of WaterReuse
9:15 – 9:30	Water Supply Outlook Mark Bluestein, East Bay Municipal Utility District
9:30 - 10:00	Building Drought Tolerant Reuse Options into Water Supply Planning Erin Mackey, Brown and Caldwell
10:00 – 10:15	Diablo Country Club Satellite Recycled Water Treatment Plant Project - Progress Update Jim Brezack, Brezack and Associates
10:15 – 10:45	Networking Break
10:45 – 11:00	Stormwater Capture Study - EBMUD Service Area Tom Francis, East Bay Municipal Utility District
11:00 – 11:30	Santa Clara Valley Water District’s Recycled Water and Purified Water Efforts Dr. Hossein Ashktorab, Santa Clara Valley Water District
11:30 – 11:45	Closing Remarks Curtis Lam, President, Northern California Chapter of WaterReuse
11:45 – 1:00	Lunch and Networking
Transportation:	The 12 th Street BART station is about one block west of EBMUD at Broadway and 11 th Streets. Additionally, there is a public parking structure immediately to the south of EBMUD at the Pacific Renaissance Plaza.

Program Sponsors:



Speaker Bios

Curtis Lam is the President of the Northern California Chapter of the Water Reuse Association, and a Principal with HydroScience Engineers in Berkeley, CA. He has worked for over 20 years as a civil engineer in northern California and specializes in recycled water system planning and design. Curtis has both an M.S. and B.S. in Civil and Environmental Engineering from the University of California at Berkeley.

Mark Bluestein has 38 years of engineering experience in the planning and design of water and wastewater facilities. He is currently a Supervising Administrative Engineer in the Water Supply Improvements Division of the East Bay Municipal Utility District, where he has developed drought-relief projects. His current focus is on recycling of water for use at Chevron's refinery in Richmond, CA, and dry-year water transfers delivered to EBMUD via the Freeport Facility. Mark has a B.S. in Zoology from the University of California, Berkeley and an M.S. in Civil Engineering from Colorado State University.

Dr. Erin Mackey is a technical specialist in drinking water and reuse in Brown and Caldwell's Walnut Creek office. She has over 18 years of engineering experience with expertise in development, management and provision of technical support on a wide range of drinking water and reuse projects. Her technical expertise includes advanced treatment processes, taste and odor management, and regulatory guidance development and compliance. She earned her B.S. at Rensselaer Polytechnic Institute and her M.S. and Ph.D. at Rice University. She is an active member of the Cal/Nevada Section AWWA Advanced Water Treatment Operator Certification Committee, the AWWA Water Reuse Committee and the Cal/Nevada Section AWWA Desalination and Water Reuse Committee.

James Brezack has more than 28 years of experience in the field of water resources. His project experience includes the environmental documentation, master planning and design development for potable water, sewer, storm water and recycled water projects. He is experienced in all phases of CEQA compliance, environmental planning and regulatory compliance. He has performed in principle roles for water conservation, water supply and water augmentation studies.

Tom Francis is a Senior Civil Engineer working in East Bay Municipal Utility District's Water Supply Improvements Division. Aside from helping plan supplemental water supply projects, he assisted on the District's update of their Water Supply Management Program, is currently leading efforts to prepare the Bay Area Regional Reliability Drought Contingency Plan, and is helping craft a strategy to manage groundwater basins in the East Bay. Tom has been working for EBMUD since 2003. Mr. Francis is a registered Civil Engineer and holds a B.S. in Civil Engineering from South Dakota State University, a M.S. in Civil Engineering from Purdue University, and an M.B.A from Emory University.

Dr. Hossein Ashktorab has been a Unit Manager of Recycled Water at the Santa Clara Valley Water District for over 16 years. He has a Ph.D. in Soil and Water Science from the University of California, Davis, a Master of Science in Irrigation System Design, and a Bachelor of Science in Agricultural Engineering. He has been responsible for all Districts' Water Recycling program, including the Silicon Valley Water Purified Water Center. Prior to working for the District Hossein worked at the California Department of Water Resources for seven years in urban and agricultural water management. He also taught and performed research at the University of California, Davis and as an Assistant Professor at the Shiraz University, Shiraz, Iran. He has published a scientific book and technical papers on water management.