



NOR CAL REGIONAL MEETING: LUNCH, PRESENTATION, AND TOUR

REGISTER NOW

Members \$40
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Early Reg Price Ends April 8

TUESDAY, APRIL 22 | 11:45 AM - 4:00 PM

ECHO WATER RESOURCE RECOVERY FACILITY

8521 LAGUNA STATION ROAD, ELK GROVE, CA 95758

11:45 AM LUNCH, PRESENTATION BY DEBANIK CHAUDHURI, PHD, PE, GE

1:00 PM TOUR OF ECHO WATER RESOURCE RECOVERY FACILITY

EchoWater Resource Recovery Facility treats an average of 135 million gallons of sewage daily. It was named the 2024 Plant of the Year by the California Water Environment Association (CWEA) one year after completion of its \$1.7 billion upgrade, which has made it the second largest resource recovery facility in the nation. Prior to the tour, hear from the project's lead geotech about the geotechnical challenges encountered and solved during this historic project.



DEBANIK CHAUDHURI, PHD, PE, GE
Senior Associate
Shannon & Wilson

BIOGRAPHY

Debanik has over 30 years of professional experience in management, design, and construction of engineering projects, of which 23 years have been providing geotechnical engineering design services to transportation, port and harbor, commercial, and energy sectors. His broad project experience includes tunnel and underground structures for light rail transit, power transmission lines, bridges, water and wastewater facilities, port and waterfront structures, and mid- to high-rise buildings. Debanik's expertise includes analysis and design of shallow and deep foundations, earth retaining structures and ground support, evaluation of static and dynamic slope stability, seismic ground response analysis, analysis of soil liquefaction, investigation of earthquake-induced ground failures, and numerical modeling of soil-structure interaction. He is a lecturer at California State University at Sacramento and also taught undergraduate and graduate level geotechnical engineering courses at California Polytechnic State University at Pomona.