August 2022 Regional Meetings two great locations | one great speaker





Geotechnical Challenges of the Dams of the Panama Canal Expansion Presented by Lelio Mejia, PhD, PE, GE | Geosyntec Consultants, Inc.



Dr. Lelio Mejia will present an overview of the Panama Canal Expansion Project and of the engineering for the dams that form the new Pacific Access Channel, known as the Borinquen Dams. The expansion project has approximately doubled the canal's capacity and allows the largest cargo and passenger ships in the world to transit through the historic waterway. Dr. Mejia will describe the geotechnical challenges associated with the dam design, such as the site geologic and seismic setting, the foundation conditions, and the design stability criteria. He will discuss the design concept and illustrate the key features of Dam 1E, the largest of the Borinquen Dams.



* Government employees receive member pricing. Reach out to us at <u>info@calgeo.org</u> with any questions. Registration includes dinner and non-alcoholic drinks. Any event with a drinks sponsor also includes at least one alcoholic drink. Full refunds will be offered for cancellations received one week prior to event.