

2025 Web Conference Lunch-and-Learn

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Thursday, December 11, 2025: 1:15 pm EST

Integrated Geotechnical Workflow: From Borehole to Design – A Digital Geotechnical Journey

Presenter: Nadia Zavala – Engineering Geologist

This integrated workflow offers a digital, cloud-connected solution for geotechnical projects by bringing together borehole data, 3D geological modeling, and geotechnical analysis to enhance tunnel design efficiency and reduce uncertainty. With features such as real-time collaboration and dynamic model updates throughout the project lifecycle, teams benefit from improved decision-making, streamlined processes, and greater reliability in engineering outcomes.

About the presenter: Nadia Zavala is an Engineering Geologist at Sequent, specializing in geological modeling and digital geoscience solutions. She brings experience supporting engineers and geoscientists in civil and environmental projects. At Sequent, she focuses on helping users apply technology to better understand the subsurface. Nadia is dedicated to connecting traditional geological practice with modern data-driven approaches.