



## **Tema: Geotechnical and Geomechanical Instrumentation”**

Tony Simmonds is the Executive VP at Geokon, Lebanon, NH, USA, where he has worked for over 40 years.

He graduated from Portsmouth University, in the UK, in 1981, with an honors degree in Engineering Geology and Geotechnics.

Among the many projects in which he has been involved, some of the most notable include the Three Gorges Dam (China), the Petronas Twin Towers (KL, Malaysia), Itaipu Dam (Paraguay/Brazil), the Central Artery Project (Boston USA) and the Potsdamer Platz (Berlin, Germany).

Tony is an active member of the TRB (Transportation Research Board), DFI (Deep Foundations Institute), USSD (US Society Dam Safety), ASCE (American Society of Civil Engineers), and the ISSMGE (International Society Soil Mechanics and Geotechnical Engineering) and regularly speaks at numerous courses and symposia worldwide

This lecture will provide a brief review of the development of geotechnical performance monitoring with particular emphasis on its role with respect to the control and performance of support systems in underground and surface excavations.

It will also consider some of the recent advances which add to our capabilities today and include discussion of some of the challenges we encounter when trying to deliver high value performance monitoring solutions to project stakeholders.



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**Conferencista Magistral**