



ANNOUNCEMENT

AGS (HK) Technical Seminar

Instrumentation and Monitoring: A Critical Link in Ground Engineering

by

Jonathan R A Gammon

Date : 28th October 2021

Time : 18:30 – 19:30 (Hong Kong Time)

Venue : The webinar will be conducted through Zoom.

Successful applicants will be provided a link to the seminar. Participants should arrange for their own device with a stable network environment to join the webinar.

Enquiry : For general enquiries, please contact
Haydn Chan (email: haydn.chan@arup.com)

Seminar Fee : Free of charge

Registration : <https://forms.gle/NEUdC92bQCK1bWx46>

Please register by 25th October 2021. Successful applicants will receive webinar details on 26th October 2021. CPD certificate will be sent to the attendees after the webinar.

Book Prize : Book prize is open to youth professionals under 35 years old for the submission of a quality report (max. 500 words) on this event. Please refer to the AGS HK website for “The AGS Book Prize Reports – Assessment Framework” for details. The Book Prize reward comprises a book "Geology of Site Investigation Boreholes in Hong Kong" by Chris Fletcher and book coupons worth HK\$300 from Eslite Bookstore (誠品書店). Please send your report to haydn.chan@arup.com.



Synopsis:

On 4 November 2020, AGS(UK) held a Webinar entitled “Critical Links in Ground Engineering”. The subject of the Webinar was Instrumentation and Monitoring (I&M).

This Webinar of AGS HK will essentially be a summary of the presentations given in November 2020 and updated as necessary.

The Webinar will, therefore:

- Describe the scope and types of I&M and identify the role of I&M as a critical link in Ground Engineering.
- Address the challenging issue of I&M data management.
- Outline the I&M situation in Australasia, based on a personal perspective on the challenges of I&M work in that region, and introduce a wider global dimension to the Webinar.
- Tackle the subject of international standards for geotechnical monitoring, tracing their development and content to the present day. Standards currently in preparation, as well as those anticipated in the future, will be identified, as will be Technical Committees that have been formed to address I&M.
- Identify the UK’s strategy to develop training for installation and monitoring technicians which dovetails in with the development of Vocational Qualifications and compliance with the Standards. Wider issues of education, training and qualifications will also receive attention.
- Provide details of the Aims of, and the Activities being undertaken by, the UK’s I&M Working Group.

About the Speaker:

Jonathan Gammon is Non-Executive Director and Advisor at instrumentation and monitoring specialists Geotechnical Observations Limited. He is a Chartered Civil Engineer and Chartered Geologist with more than forty-five years of international construction experience working for consultants and contractors. His experience encompasses the design, specification, procurement, and implementation of instrumentation and monitoring, together with the acquisition, management, and interpretation of data. He is a UK Representative on the ISSMGE’s Technical Committee TC220 (Field Measurement in Geomechanics). At the end of 2019, he was responsible for establishing AGS(UK)’s Instrumentation and Monitoring Working Group (I&MWG), of which he is now Leader.

Jonathan was Geotechnical Design Manager and Resident Engineer for West Rail in Hong Kong during the period 1996 to 2002. He was subsequently Sub-Surface Design Manager for the Reference Design of Dublin Metro North in Ireland. In the UK, his experience includes Crossrail, Thameslink (Blackfriars Station Redevelopment), and the Northern Line Extension (for which he was the Expert Witness, Engineering at the Public Inquiry). He was Design Project Manager for the Bond Street Station Upgrade in Central London before working for more than two years on Phase One of the High Speed Two (HS2) railway between London and Birmingham. He retired from his position as Technical Director, Tunnelling and Geotechnics, at CH2M (now Jacobs) in August 2017.