



ANNOUNCEMENT

AGS (HK) Technical Seminar (Online)

“Solid Waste Landfill Design and Geosynthetics”

by

John Cowland

- Date** : 15th October 2020
- Time** : 6:30 pm – 8:00 pm (Hong Kong Time)
- Venue** : Zoom Webinar
- Enquiry** : For enquiries, please contact
Haydn Chan (email: haydn.chan@arup.com)
- Seminar Fee** : Free of charge
- Registration** : <https://forms.gle/SX614Gopm7HysWGe8>
Please complete registration by **13 October** 2020. Successful registered applicants will receive the link and password on **14 October** 2020.
CPD certificates will be provided after the seminar according to the attendance records.
- Book Prize** : Book prize is open to all young attendants under 35 years old for the submission of a good quality report (max. 500 words) on this event.
Book Prize reward comprises a book "Geology of Site Investigation Boreholes in Hong Kong" by Chris Fletcher and book coupon HK\$300 from 三聯書店.

Synopsis:

Geosynthetics are used extensively in modern solid waste landfills and in the restoration of old landfills. Geosynthetics are used to form barriers to landfill liquids and gas, soil reinforcement for walls, slopes and roads within the landfill, soft clay stabilization where it occurs beneath the landfill, and storm water and erosion control on the landfill cover.

John will briefly introduce some aspects of solid waste landfill design, describe the use of geosynthetics in landfills, and present some case histories from his work on landfills in Hong Kong, China, Australia and New Zealand.



About the Speaker

John Cowland is an Independent Geotechnical and Geosynthetics Engineering Consultant, based in Hong Kong, with 40 years of experience. John has provided advice to more than 60 government and private sector clients throughout the Asia Pacific region on geotechnical, environmental and geosynthetic projects; including solid waste landfills, dams, tunnels, mines, deep excavations, slopes, soft ground, coastal reclamations, liquid storage and disposal of contaminated soil. He has advised on the use of geosynthetics in all these areas, often in an innovative manner, since 1986. This has included work on all the solid waste landfills in Hong Kong.

John is a Member of the Environmental Geotechnics Committee TC 215 of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) and he is a Past Chairman of the Association of Geotechnical and Geoenvironmental Specialists Hong Kong (AGS HK). He was a Council Member of the International Geosynthetics Society (IGS) from 2000 to 2014. He has published over 50 technical papers on geosynthetics and geotechnical engineering.