AUSTRALIAN GEOMECHANICS SOCIETY

Western Australia Chapter presents

Seminar on

Engineering Geology & Rock Mechanics

When: Friday, 31 August 2018, 1.00pm – 5.00pm.
Where: Holiday Inn Perth City Centre, 778-788 Hay Street, Perth WA 6000
Cost: Free (RSVP or Further Information – contact Stuart Ellis)

Keynote Speaker – Dr Harry Saroglou

National Technical University of Athens, Greece

Dr. Harry Saroglou is a Senior Teaching & Research Fellow in the School of Civil Engineering, National Technical University of Athens. He holds an M.Sc. in Engineering Geology from Imperial College London, an M.Sc. in Tunnelling and a Ph.D. from National Technical University of Athens (NTUA), for which he was awarded the Richard Wolters Prize by the International Association of Engineering Geology and the Environment (IAEG) in 2012. He has been a visiting professor at Imperial College in London and at the Chinese Academy of Sciences, and has authored over 60 publications in scientific peer-reviewed journals and international Conferences. Areas of expertise include the engineering behaviour of rocks and rock masses, weak rocks and complex formations, the engineering geology of major infrastructure projects, geological hazard evaluation and risk (landslides and rockfalls) as well as protection of cultural heritage sites. Topics presented by Harry:

- Geotechnical behaviour of anisotropic rock masses including the Modified Hoek & Brown criterion and classification using the anisotropic rock mass rating (ARMR) system. (*45 minutes*).
- Rock fall engineering for civil and mining industry (*30 minutes*).
- Excavatability of rock masses for slopes and tunnelling projects (*20 minutes*).

Speaker – Neil Bar, *Gecko Geotechnics, Cairns*

Neil Bar is a Principal Geotechnical Engineer & Director of Gecko Geotechnics. He holds an M.Eng.Sc in Geotechnical Engineering & Engineering Geology from the University of New South Wales and has worked on civil and mining engineering projects in Asia, Africa and across Australia. Neil will present on:

- The Q-slope method for rock slope engineering and its integration with the use of geophysical survey data (*20 minutes*).

Speaker – Tim Johnson, *Red Rock Geotechnical, Perth*

Tim Johnson is a Principal Geotechnical Consultant at Red Rock Geotechnical and holds an M.Eng.Sc in Mining Geomechanics from Curtin University and managed large teams of geotechnical engineers in operational and design roles in Australia and Papua New Guinea. Tim will discuss:

- Case study in applied 2D and 3D analysis of slopes using anisotropic rock mass models (*20 minutes*).

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