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Established in 1986



Bulletin 2

Invitation for Submission of Abstracts

Registration Information

Early Bird Registration Fee for Foreign Participants = 500 US\$*

Regular Registration Fee for Foreign Participants = 550 US\$*

Registration Fee for Local participants = 25000 SLR

***Conference dinner is included in the registration fee**

International Conference on Geotechnical Engineering - ICGE - 2015 -Colombo

organised by the

Sri Lankan Geotechnical Society (SLGS)

August 10th and 11th 2015, Cinnamon Grand, Colombo, Sri Lanka.

Themes

- Analytical and Numerical Modelling
- Case Histories
- Design for Earthquakes
- Earth Retaining Structures
- Environmental Geotechnics
- Foundations
- Geo Materials for Pavement Construction
- Geological and Geotechnical Modelling
- Ground Improvement
- Ground Subsidence
- Instrumentation
- Landslides and Slope Stability
- Problematic Soils (Expansive Soils, Organic Soils)
- Rock Engineering, Tunnelling
- Site Investigation

Important Dates

- Acceptance of abstracts **29th June 2014**

- Notification of the acceptance of abstracts **30th July 2014**

- Receipt of the full paper for reviewing **15th December 2014**

- Notification of the acceptance of full paper **15th March 2015**

- Receipt of the final camera ready papers **15th May 2015**

The deadline for submission of abstracts is 29th June 2014. Please submit your abstracts (300 words) through the SLGS web site www.slgs.lk or the conference website, www.icgecolombo2015.org

Keynote Speakers

Prof. Harry G. Poulos
Prof. Buddhima Indraratna

Prof. Kerry Rowe
Prof. John Endicott

Ir. Ken Ho

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Asian Center for Soil Improvement and
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Norwegian Geotechnical Institute,
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Former Vice President Asia – ISSMGE

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Technology, Hong Kong

Asian Institute of Technology, Thailand

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Australia

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Singapore

Simon Fraser University, Canada

Monash University, Australia

University of Illinois at Chicago, USA

Queens University, Canada

University of Peradeniya, Sri Lanka

James Cook University, Australia

Kasetsart University, Thailand

Tokyo University of Science, Japan

Emeritus Professor, University of
Moratuwa, Sri Lanka

University of British Columbia, Canada

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Keynote Lecture Design Challenges for Tall Building Foundations

By Prof. Harry G. Poulos



This paper discusses some of the challenges in designing foundations for high-rise buildings. It sets out the principles of a limit state design approach to design a pile or piled raft foundation system.

Professor HARRY POULOS is a Senior Principal in the geotechnical consulting company, Coffey Geotechnics in Australia, and an Emeritus Professor at the University of Sydney. He has received a number of awards and prizes, including the Kevin Nash Gold Medal of the International Society of Soil Mechanics and Geotechnical Engineering in 2005. He was the Rankine Lecturer in 1989 and the Terzaghi Lecturer in 2004, and was selected as the Australian Civil Engineer of the Year for 2003 by the Institution of Engineers Australia. In 1993, he was made a Member of the Order of Australia for his services to engineering.

Keynote Lecture Ground Improvement for Enhanced Performance of Road, Rail and Port Infrastructure

By Prof. Buddhima Indraratna



This paper will present track stabilization techniques using geosynthetics (geogrids, geocells and shockmats), and performance verification through comprehensive field trials in the state of New South Wales, Australia.

Professor BUDDHIMA INDRARATNA has earned the reputation as one of the world's leading researchers in ground improvement for transport infrastructure. His contributions have been incorporated by numerous transport and geotechnical organizations in their engineering practices. He has won numerous awards in the area of Ground Improvement. Prof Indraratna is a Fellow of the Australian Academy of Technological Sciences and Engineering (FTSE), American Society of Civil Engineers (FASCE), Institution of Engineers Australia (FIEAust), Sri Lanka (FIESL) and the Geological Society of UK (FGS).



Sri Lankan Geotechnical Society (SLGS) is pleased to announce its International Conference on Geotechnical Engineering (ICGE - Colombo -2015) to be held on 10th and 11th August 2015 in Colombo. ICGE - Colombo brings together the world community of engineers and scientists in every branch of geotechnical engineering. The conference will serve as a forum for reviewing the current state of the field and discussing future directions and exciting developments.

There will be keynote addresses by eminent international experts in the areas of Piled Foundations, Ground Improvement, Slope Stabilization and Geo Environmental Engineering. The current state of the art in these key areas would be presented.

The proceedings will be published as a printed book and a CDROM containing the full length papers.

The venue for the conference is the Cinnamon Grand Hotel, located in the very heart of Colombo, the financial capital of the beautiful island of Sri Lanka, the finest five star hotel in Sri Lanka with the best of dining, accommodation and entertainment facilities facing the foaming ripples of the Indian Ocean. Special hotel room rates have been negotiated for conference participants.

In addition, special technical and sightseeing tours will be organized for the participants to experience; Sri Lanka's heritage, wild life in national parks, beautiful beaches and recent mega developments. Participants would be able to travel to any part of the country; from North to South with trusted security.

Keynote Lecture Advances in Landslide Risk Management and Slope Engineering

By Ir. Ken Ho



This keynote lecture will discuss recent advances in slope stabilisation, landslide mitigation and slope landscaping, together with insights in landslide risk management based on lessons learnt over the past 40 years in Hong Kong.

Ir Ken Ho graduated from Imperial College London. He is now the Deputy Head of Geotechnical Engineering Office of Hong Kong Government, and a part-time Lecturer at the University of Hong Kong and Hong Kong University of Science and Technology. He is a core member of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) Technical Committee TC34 on Engineering Practice in Risk Assessment and Management. He is on the editorial board of two technical journals ('Landslides' and 'Georisk') and has been the editor of a number of international conference proceedings. His publications cover slopes, earthquake, piling, excavations and quantitative risk assessment.

Keynote Lecture Protecting the Environment with Geosynthetics

By Prof. Kerry Rowe



The use of geosynthetics for containing contaminants from lagoons, landfills, and heap leach pads is discussed. Particular emphasis is placed on the use of geomembranes and geosynthetic clay liners. Examples of excellent performance are illustrated.

Professor KERRY ROWE graduated from the University of Sydney, Australia. He spent 21 years at the University of Western Ontario before coming to Queen's University in 2000. In 2013, the International Society for Soil Mechanics and Geotechnical Engineering created the *R. Kerry Rowe Lecture* to honour his seminal contributions to the development of geoenvironmental engineering. He is a fellow of Royal Society of Canada, the Canadian Academy of Engineering Royal academy of Engineering and Royal Society.

Keynote Lecture Design and Construction of Deep Excavations in an Urban Setting - Lessons Learnt from Past Experiences and Failures

By Prof. John Endicott



This keynote lecture will make reference to major issues encountered in deep excavation projects in an urban setting, and some catastrophic failures. The lecture will identify causative factors for said failures and will explore what lessons have been learned from those cases.

Prof. Endicott has been an Adjunct Professor at Hong Kong University of Science and Technology and at the University of Hong Kong. He has been practicing in Hong Kong since 1975 and is well known as an all round geotechnical practitioner in South East Asia. He has worked on many projects on underground railway stations, metro lines, major roads, viaducts and foundations in Singapore as well as in Bangkok, Malaysia, Korea, Indonesia, India and China. He has been an expert witness in many projects including the collapse of the Nicoll Highway in Singapore.

