



Established in 1986

SLGS NEWSLETTER

SRI LANKAN GEOTECHNICAL SOCIETY

A Member Society of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

A Message from the Editor

2019 November: No 18

Dear Readers,

Annual General Meeting and the Annual Conference of SLGS were held on 19 September 2019 At the Galle Face Hotel under the theme "Advanced Ground Improvement Methods and Slope Protection Methods". The event was well attended by the industry and academia. The new committee elected at the AGM was also presented.

The current newsletter also presents information on Geo Forum on "Construction of Head-race Tunnel of Uma Oya Project- Impact of Geological Condition on Environment and Construction: Lessons learnt" conducted by Eng. Upul Goonasekara, Chief Resident Engineer/ Team Leader on 19 August 2019 at the NBRO Auditorium. Sponsorship details for ICGE 2020 were also presented.

Dr(Eng). L. I. N. de Silva - Editor Newsletter
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SLGS Executive Committee for the year 2019—2020

Details of the committee appointed for the year 2019-2020 is presented below.



Prof. S A S Kulathilaka
(President)



Eng. K L S Sahabandu
(Vice President)



Eng. K S Senanayake
(Past President)



Prof. B L Tennekoon
(Past President)



Dr. J S M Fowze
(Hony. Secretary)



Eng. M. S. M. Uzair
(Assistant Secretary)



Eng. W A A B Bandara
(Treasurer)



Eng. R M Rathnasiri
(Assistant Treasurer)



Dr. N H Priyankara
(Editor- Journal)



Dr. L I N De Silva
(Editor- Newsletter)



Prof. H S Thilakasiri
(Committee Member)



Dr. W A Karunawardena
(Committee Member)



Dr. U P Nawagamuwa
(Committee Member)



Dr. (Mrs.) Ashani Ranathunga
(Committee Member)



Dr. S. K. Navaratnarajah
(Committee Member)

Geo Forum by Eng. Upul Goonasekara



Geotechnical Forum for the month of August 2019 was conducted by Eng. Upul Goonasekara, Chief Resident Engineer/Team Leader, Central Engineering Consultancy Bureau on 19 August 2019 at the NBRO auditorium. The title of the presentation is "Construction of Headrace Tunnel of Uma Oya Project- Impact of Geological Condition on Environment and Construction: Lessons learnt". The geological problems encountered in the Uma Oya headrace tunnel construction and the related environmental/social impacts were presented.

SLGS Annual Conference – 2019

Annual Conference of SLGS were held on 19 September 2019 At the Galle Face Hotel under the theme “Advanced Ground Improvement Methods and Slope Protection Methods”. The presentations presented at the annual conference are presented below.

“Vacuum Consolidation Method” - Dr. Liu Yu of GEOTEKINDO (Geoharbour Group)

“Deep Mixing Method” - Dr. Liu Yu of GEOTEKINDO (Geoharbour Group)

“Slope Protection Methods” - Prof. Suttisak Solarump, Kasetsart University, President- Thai Geotechnical Society

“Rectification of Landslides in Sri Lankan Road Network Structural Measures: Lessons Learnt” - Prof. Athula Kulathilaka, University of Moratuwa and Eng. Mihira Lakruwan, NBRO

Some glimpses of the annual conference 2019



Lighting of the traditional oil lamp



President of SLGS Prof. S. A. S. Kulathilaka welcoming the participants



Vice president of SLGS Eng. K. L. S. Saha-bandu and the Hon. Secretary of SLGS Dr. J. S. M. Fowze introducing the presenters.



Dr. Liu Yu of GEOTEKINDO making his presentation



Prof. Suttisak Solarump, Kasetsart University making his presentation



Eng. Mihir Lakruwan of NBRO making his presentation



Participants of SLGS Annual Conference

Levels of Sponsorship and Respective Benefits for ICGE 2020

The Sri Lankan Geotechnical Society (SLGS) will be holding an International Conference on Geotechnical Engineering on 10 and 11 August 2020 in Colombo. Around 300 professionals in the field of Geotechnical Engineering from all around the world are expected to attend.

A large number of projects on infrastructure development are in progress at present in the country with wide range of applications from the field of Geotechnical Engineering. As such, a conference of this nature that brings together experts from all around the world is of great importance to Sri Lanka.

There will be keynote addresses by eminent international experts in the areas of Unsaturated Soils and Slope Stability, Deep Excavations and Tunnelling, Ground Improvement for Rail and Road Infrastructure, Soil Structure Interaction and Holistic Long-Term Performance Management to Improve Sustainability. Current state-of-the-art in these key areas would be presented.

Around 150 papers will be presented on a number of themes that are very relevant to Sri Lanka. The conference would be conducted in two or three parallel sessions. If required, poster sessions would also be provided. An exhibition would be held in parallel with the conference.

We would like to invite your establishment to be a sponsor for this event. We need the generous support from the industry to make this very important event a success. You will be able to send your message across to a large gathering of Civil Engineers, Geotechnical Engineers, Engineering Geologists and Geologists of international repute.

| Levels of Sponsorship | Available Number | Value SLR-Million |
|-----------------------|------------------|-------------------|
| Platinum Sponsor | 01 | 3.00 |
| Gold Sponsor | 03 | 2.00 |
| Silver Sponsor | 05 | 1.00 |
| Bronze Sponsor | 08 | 0.50 |

General Benefits for All Levels

- Location for Logo in the conference website (the location differs with the category of sponsorship)
- Opportunity to display banners in the conference hall
- Promotion desk in the conference lobby

Benefits for Platinum Sponsor

- A video presentation of 5 minutes duration at the inaugural session
- A space for advertisement in the conference proceedings at the back page
- Complementary registrations for 4 participants

Benefits for Gold Sponsors

- A space for advertisement in the conference proceedings at the inner front, inner first or inner back
- Complementary registrations for 3 participants

Benefits for Silver Sponsors

- A space for advertisement in the conference proceedings at different locations inside
- Complementary registrations for 2 participants

Benefits for Bronze Sponsors

- A space for advertisement in the conference proceedings at different locations inside
- Complementary registration for 1 participant

Forthcoming Conferences

Information on upcoming international events and conferences related to geotechnical engineering are listed in the following official website of ISSMGE.

<https://www.issmge.org/events?page=1>

Forthcoming Events of SLGS

It was proposed during the last AGM to organize a half-a-day industry sessions on R&D activities related to Geotechnical Engineering on a quarterly basis. The industry representatives will be given the opportunity to present their work at the event. The opportunity will be given on a first come first serve basis. Any interested parties can contact the President of SLGS through the following email address.
athula.kulathilaka@yahoo.com

ICGE-Colombo-2020



3rd International Conference on Geotechnical Engineering
10 – 11 August 2020
@ Cinnamon Grand, Colombo, Sri Lanka

The 3rd International Conference on Geotechnical Engineering (ICGE – Colombo -2020) organized by the SLGS will be held on 10 and 11 August 2020 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 art and discuss future directions and exciting developments.

Keynotes

- Prof Charles W.W. Ng, President of ISSMGE, Hong Kong University of Science & Technology - Unsaturated Soils and Slope Stability
- Dr Brian Simpson, Honorary Professor, University of Nottingham, UK - Deep Excavations and Tunnelling
- Distinguished Professor Buddhima Indraratna, University of Wollongong, Australia – Ground Improvement for Rail and Road Infrastructure
- Dr Chris Haberfield, Principal Geotechnical Engineer, Golder Associates (Pty) Ltd, Australia – Soil-Structure Interaction
- Prof Krishna Reddy, University of Illinois, Chicago, USA - Modeling Coupled Dynamic Processes in Landfills: Holistic Long-Term Performance Management to Improve Sustainability

The proceedings will be published as a printed book and USB/Online containing the full-length papers.

Special technical and sightseeing tours will also be organized for the participants to experience Sri Lanka's heritage, wildlife in national parks, beautiful beaches and recent mega development projects.

Important Dates and Registration Fees

| Acceptance of Abstracts | Closed | |
|--|---|-------------------|
| Notification of the acceptance of abstracts | 20 August 2019 | |
| Receipt of the full paper for reviewing | 16 December 2019 | |
| Receipt of the final camera-ready papers | 10 April 2020 | |
| Category | Early Bird Registration (by 31/05/2020) | Late Registration |
| <i>Foreign Participants</i> | | |
| Full Registration (Including Conference Dinner) | USD 500 | USD 550 |
| Accompanying Person (Without conference pack, including Conference Dinner) | USD 300 | USD 300 |
| Guest ticket for conference dinner | USD 60 | USD 75 |
| <i>Sri Lankan Participants</i> | | |
| Full Registration (Excluding Conference Dinner) | LKR 25000 | LKR 30000 |
| Accompanying Person (Without conference pack) | LKR 15000 | LKR 15000 |
| Guest ticket for conference dinner | LKR 6000 | LKR 8000 |

Organized by



Sri Lanka Geotechnical Society (SLGS)

Under the auspices of



International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)

Conference Chairs

Prof S.A.S. Kulathilaka
sas@uom.lk

Eng K.L.S. Sahabandu
sahabandukls@gmail.com

For more details log on to
<http://icgecolombo.org/2020>

SLGS and ISSMGE Membership Fees

SLGS members are kindly requested to pay the membership arrears at your earliest. A notice indicating due fees is attached.

Please inform any changes in the contact details.

Membership Admission Fee Rs. 200/=
Annual Membership Fee Rs. 700/=
ISSMGE Fee Rs. 1500/=

The SLGS Newsletter comes to you in volumes of four fascicles issued in February, May, August and November each year. If you prefer to receive the newsletter by email, please send your email address to the editor, newsletter.

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Note: The views expressed by authors are not necessarily the views of SLGS.

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