



# SEMINAR ON DESIGN AND CONSTRUCTION OF DEEP BASEMENTS

Morning Session

## SPEAKERS

### Prof. S. A. S. Kulathilaka

Senior Professor,  
Department of Civil Engineering,  
University of Moratuwa.

### Dr. Nalin De Silva

Senior Lecturer,  
Department of Civil Engineering  
University of Moratuwa.

### Eng. Yin Heng

China State Construction  
Engineering Corporation.

### Eng. Dylan Rayen

Structural Engineer,  
NCD Consultants.

### Eng. Senarath Bandara

Senior Manager,  
Access Engineering PLC.

Evening Session

### Eng. Kalinda Dasanayaka

Products and Solutions  
Development Manager,  
Insee Cement.

### Marcel Elsener

Technical Centre Manager,  
VSL International Ltd.

## CHAIRPERSONS

Morning Session

Evening Session

### Eng. Saro Weerasuriya

Managing Director,  
Saro Weerasuriya Associates.

### Eng. K.L.S. Sahabandu

General Manager,  
Central Engineering  
Consultancy Bureau.

## PLATINUM SPONSORS



China State  
Construction  
Engineering  
Corporation.

1st of April 2019,  
Oak Room, Cinnamon Grand Hotel,  
Colombo.

## REGISTER TODAY

Contact: Aelien / Indika on  
+94 112 698 726 ssesl@slt.net.lk

## REGISTRATION FEE

Speakers / Presenters Free

Members - Rs.6,000/- Non Members Rs. 7,500/-

Students - Rs. 2,000/- ( Limited 30 participants )

Note : Number of participants will be limited to 200

organized by: Organizing committee and Associate chapter of SSESL

## PROGRAMME

Time	Event
08.30 - 9.00	Registration of Participants Morning Tea / Coffee
9.00 - 9.15	Lighting of Oil Lamp
9.15 - 9.30	Welcome Address Eng. Nandana Abeysuriya, President - SSES

### Morning Session

#### Eng. Saro Weerasuriya

Managing Director, Saro Weerasuriya Associates

### Evening Session

#### Eng. K.L.S. Sahabandu

General Manager,  
Central Engineering Consultancy Bureau.

Time	Topic	Speaker
9.30 - 10.15	Geotechnical Simulation for Deep Basement Excavation	Prof. S.A.S. Kulathilaka Dr. Nalin De Silva
10.15 - 11.15	World Trend for Multi Storied Deep Basements	Eng. Yin Heng
11.15 - 12.30	Design and Construction of Deep Basements - Sri Lankan Case Studies	Eng. Dylan Rayen Eng. Senarath Bandara
12.30 - 13.00	Panel Discussion	
13.00 - 14.00	Lunch	
14.00 - 15.30	Mass Pouring and Durability of Foundation Structures	Eng. Kalinda Dasanayaka
15.30 - 17.00	Post Tensioning in Sub-structures	Eng. Marcel Elsener
17.00 - 17.30	Panel Discussion	
17.30 - 17.40	Vote of Thanks	
17.40 - 18.00	Afternoon Tea / Coffee	

## About the Seminar

Objective of this seminar is to impart and improve the knowledge in construction and design of deep basements. This seminar aims to highlight design aspect of deep basements and construction with regard to recent challenging projects in Sri Lanka and overseas by bringing together academics, professionals and industrialists who are actively involved in deep basement construction and design.

Members of all categories of the Society of Structural Engineers Sri Lanka, Practicing Engineer, Academics and Professionals of the Construction Industry are invited to participate in the seminar.

**All registered participants will be provided with morning tea/ coffee, buffet lunch and afternoon tea/ coffee.**

### ORGANIZING COMMITTEE

**Eng. Gamini Ramawickrama** +94 777 510 583  
(Chairman of the organizing committee)

**Eng. Ananda Senarath** +94 772 252 858

**Eng. Shiromal Fernando** +94 714 216 681

### FURTHER DETAILS

#### Society of Structural Engineers - Sri Lanka

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