

# REGISTRATION

In order to register, please send the following information before February 3<sup>rd</sup>, 2012 to the course organiser.

Name: \_\_\_\_\_

Titles and initials: \_\_\_\_\_

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Country: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

## COURSE SECRETARIATE

Ram Caddsys Pvt Ltd  
#10/2, 50th Street,  
7th Avenue, Ashok Nagar,  
Chennai - 600 083, India

Tel: 044 23717641, 24743955 / 3966  
Fax: 044 24896097  
Email: info@ramcadd.in  
Website: www.ramcadd.in

Registration by e-mail is preferred

## VENUE

Crowne Plaza Today New Delhi Plot No.1  
Community Centre, Okhla Phase-1  
New Delhi

## COST

The seminar is free of charge.

## REGISTRATION

Seats are limited and registration will be based on first come basis.

## FOR PLAXIS SOFTWARE IN ASIA-PACIFIC

Plaxis AsiaPac Pte Ltd  
16 Jalan Kilang Timor, #05-08 Redhill Forum  
159308 Singapore  
Tel: +65 6325 4191  
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## FOR PLAXIS SOFTWARE INTERNATIONALLY

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# PLAXIS

*essential for geotechnical professionals*



PLAXIS SEMINAR: FE ANALYSIS FOR GEOTECHNICAL PROBLEMS  
9<sup>th</sup> February 2012, New Delhi, India

# PLAXIS SEMINAR: FE ANALYSIS FOR GEOTECHNICAL PROBLEMS

9<sup>th</sup> February 2012, New Delhi, India

## INTRODUCTION

The seminar brings together experts and analysts from across the region. This seminar is tailored for experienced engineers and researchers seeking knowledge on the use of PLAXIS 2D and PLAXIS 3D finite element programs.

Simulation and modelling of soil-structure interaction problems are frequently being used to provide a better view of forces, displacements and mechanisms of geotechnical structures.

PLAXIS programs are being constantly developed and refined. The programs are the state-of-the-art tools that are assisting geotechnical professionals

in making their simulations and analysis realistic.

## SUBJECT MATTER

The use of finite element analysis techniques in geotechnical engineering is now widespread than ever before. This seminar is tailored towards practitioners in the industry to provide good understanding on the use of PLAXIS programs in routine geotechnical analysis.

PLAXIS 2D and 3D programs are frequently used to construct and simulate complex soil-structure interaction problems. In this seminar we will present new developments in the 2D and 3D programs. Lectures will cover the use of the programs

in solving excavations, deep foundations and tunnelling related soil-structure interactions issues normally found in the industry in Asia.

## WHY ATTEND?

Hear first-hand account on the application of Plaxis 2D and 3D. The seminar will be of interest and importance to practising engineers, such as:

- Geotechnical Engineers
- Civil Engineers
- Structural Engineers
- Researchers

## FORMAT

The seminar is divided into two sessions covering topics related to updates and developments in Plaxis 2Dv2011 and Plaxis 3Dv2011. Presentations will be made on the usage of Plaxis programs in geotechnical engineering.

## SPEAKER

*Dr William Cheang Wai Lum*

Plaxis AsiaPac

William is currently a Principal Geotechnical Consultant in Plaxis AsiaPac. He received his BEng (Hons) and MSc in Civil Engineering from the University of East London. He holds a Ph.D from the National University of Singapore. His interest is in Computational Geotechnics. He lectures around Asia on the use of Plaxis finite element codes and a member of the Plaxis Expert Service team. He has been involved with Plaxis finite element codes since 2000.

Dates:	9 <sup>th</sup> February, 2012
Location:	New Delhi, India
Course leader:	Dr. William Cheang
Organisers:	Plaxis bv & Ram Caddsys Pvt Ltd

## MORNING SESSION

9:00-10:00 - Plaxis 2D and 3D

10:00-10:15 - Break

10:15-11:15 - Constitutive Models in Plaxis 2D and 3D-An overview

11:15-12:15 - Modelling of Deep Excavations

12:15-12:30 - Q&A Session

## AFTERNOON SESSION

1:30-2:30 - Modelling of Piled Foundations

2:30-2:45 - Break

2:45-3:45 - Modelling of Tunnels and Tunnelling

3:45-4:00 - Q/A Session

SCHEDULE