



FLAC3D™ VERSION 6.0

Training course

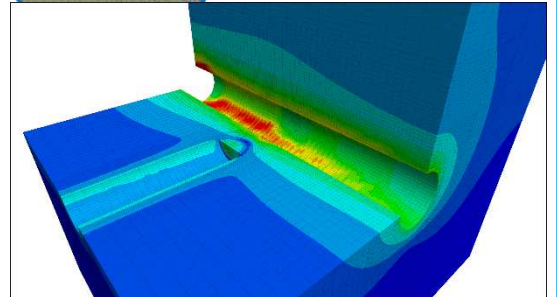
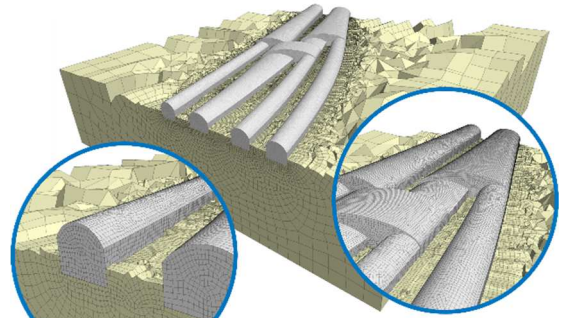
Venue	Cevahir Hotel Asia: http://www.cevahirhotelasia.com.tr/	
Date	November 7-9, 2018	
Lecturers	Dr. Marco CAMUSSO <i>Itasca Consultants S.A.S.</i>	Prof. Dr. Yasin Fahjan <i>Gebze Technical University</i>

Registration Conditions

The Course will be held at Cevahir Hotel Asia for 3 days. Cancellation of course registration with refund of the course fee, less 100 TL service charge, will be accepted by the organizers in writing, if it is received no later than 4 weeks before the start of the course.

Only 50% registration fee will be refunded between 2 and 4 weeks before the start of the course while no refund can be given for cancellation after that date or in case of no-show. In the scope of the course *FLAC3D* software will be used.

The total number of participants is limited to 20 (twenty). Registration will be accepted in the order in which they are received. To register for the course, please complete the registration form and send it to GeoGrup A.S by e-mail or fax.



Contact	GeoGrup İnşaat San. ve Tic. A.Ş. Tel: +90 216 455 40 46 Fax: +90 216 455 41 21 E-mail: info@geogrup.com.tr
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Registration fees

2000 TL + VAT (18%)

1. The cost includes all lunches and refreshments.
2. The course also includes a full set of instruction manuals.
3. Hotel accommodation, if required, should be arranged by the course participants themselves.



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Registration form

FLAC3D 6.0 Training



Participant

Dr Mr	Prof Mrs	First name	Last name
Organization name			
Tel		Email	
Address			
Postal Code	City	Country	
Each participant is encouraged to bring his/her own laptop to class and install the latest sub-version of the code available on our webpage "update". A security key and the most recent software will be provided to all participants for the duration of the course.			

Responsibility

GEOgrup Insaat A.S. will not be responsible should some modifications (and in particular a cancellation of the course) occur because of an insufficient number of participants.

Signature

Date

FLAC3D COURSE SCHEDULE

Day 1: Introduction to *FLAC3D*

9:00 - 10:00	General description	The explicit finite difference method
10:00 - 10:15	Break	
10:15 - 11:15		Constitutive models
11:15 - 12:00		Graphical interface
12:00 - 13:00	Lunch Break	
13:00 - 14:15	Mechanics of using <i>FLAC3D</i>	Commands & FISH language
14:15 - 15:00		How to construct and to run a model?
15:00 - 15:15	Break	
15:15 - 17:00	Practical exercises	

Day 2: Advanced modelling

09:00 - 10:00	Fluid-Mechanical Interaction	Mathematical model description
10:00 - 10:15	Break	
10:15 - 11:15		Numerical Fluid Flow Formulation and Modelling Approach
11:15 - 12:00	Interfaces	Numerical formulation
12:00 - 13:00	Lunch Break	
13:00 - 14:00	Soil/Rock Structure Interaction	Structural elements
14:00 - 15:00		Typical properties
15:00 - 15:15	Break	
15:15 - 16:00		Modelling Approach
16:00 - 17:00	Factor of Safety Calculation	Implementation of the strength reduction method in <i>FLAC3D</i>

Day 3: Dynamic Analysis

09:00 - 10:00	Dynamic lectures	Considerations when running dynamic analyses
10:00 - 10:15	Break	
10:15 - 11:15		Material models and damping
11:15 - 12:00	Lecture By Prof. Dr. Yasin Fahjan	A case study for site response analyses using <i>FLAC3D</i>
12:00 - 13:00	Lunch Break	
13:00 - 14:00	Lecture By Prof. Dr. Yasin Fahjan	A case study for dynamic Pile-Soil-Foundation interaction
14:00 - 14:15	Break	
14:15 - 17:00	Bring one of your specific cases that may be discussed	