

Europe 2012 Geotechnical Modelling Workshop

fundamentals, theory and application

30 May – 1 June 2012 in Zürich, Switzerland



Introduction:

GEO-SLOPE International Ltd. invites you to join us in Switzerland for our next Geotechnical Modelling workshop.

Our annual training events provide opportunities for GEO-SLOPE clients from many countries to gather together to learn and enhance their numerical modelling skills under the guidance of GEO-SLOPE personnel.

Format and Outline:

The three-day workshop will consist of focused sessions on SLOPE/W, SEEP/W and SIGMA/W. Time will be divided between lectures, hands-on work with GeoStudio 2012 software, and group problem-solving discussions. Participants will be exposed to a general review of geotechnical theory, as well as appropriate and efficient numerical modelling strategies.

By attending the workshop, you will:

- Immerse yourself in hands-on numerical modelling and sharpen your skills
- Increase your understanding of geotechnical theory and fundamentals
- Collaborate with highly experienced GEO-SLOPE engineers and engineering professionals from around the world

About the Presenters:

The GEO-SLOPE training team is a dynamic group of engineers and programmers who possess strong presentation skills and have many years of combined experience with geotechnical numerical modelling and software development.

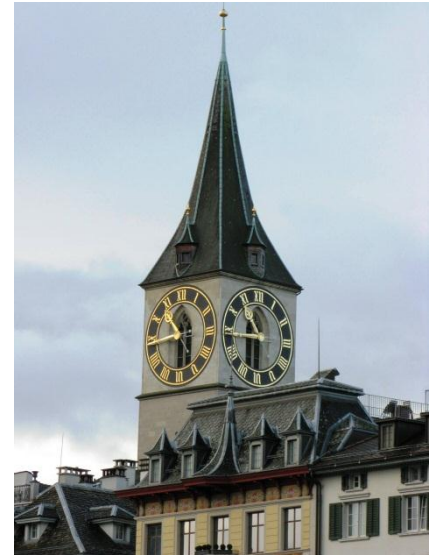
Whether you wish to be introduced to the world of numerical modelling, or experiment with new types of analyses, this workshop is designed for all experience levels.

Comments from Past Participants:

"Great flexibility in response to the needs of the group and individual"

"The workshop gave me a quantum jump in my ability to get more out of the programs"

"This workshop decreased my learning curve considerably...it is excellent and a must for any serious GEO-SLOPE software user"



- Tentative Agenda on Reverse -

Registration Details:

Date: 30 May – 1 June 2012

Fee: USD \$2250

Venue: Best Western Premier -
Hotel Glockenhof
Sihlstrasse 31
Zürich, Switzerland

Tel: +41 44 225 91 91

Fax: +41 44 225 92 93

www.glockenhof.ch

(Hotel website offers travel information)

To register, please visit:
www.geo-slope.com/training

Price includes tuition, training materials, accommodation for 3 nights, breakfast, lunch, and light refreshments. *Note: Evening meal costs are not included in the registration fee.*

Hotel check-in date is **Tue, 29 May**.
Check-out date is **Fri, 1 June**.

Participants must bring their own laptop computer; that is, laptop computers will not be provided.

Registration is limited to 30 participants.

Cancellations or substitutions will be accepted without penalty until 25 Apr 2012.

Europe 2012 Workshop Tentative Agenda (subject to change):

Wednesday, 30 May	Thursday, 31 May	Friday, 1 June
Morning:		
<p>SLOPE/W I Basic theory and features</p> <ul style="list-style-type: none"> ▪ Methods of analysis ▪ Geometry ▪ Material properties ▪ Slip surface options ▪ Pore-water pressures ▪ Line loads 	<p>SLOPE/W II Advanced theory and features</p> <ul style="list-style-type: none"> ▪ Reinforcement fundamentals ▪ Finite element stresses ▪ Seismic loads ▪ Probability and sensitivity 	<p>SEEP/W II Advanced theory and features</p> <ul style="list-style-type: none"> ▪ Transient theory and features ▪ Transient boundary conditions ▪ Time steps ▪ Seepage sensitivity ▪ Integration of transient SEEP/W pwp in SLOPE/W
Afternoon:		
<p>SEEP/W I Basic theory and features</p> <ul style="list-style-type: none"> ▪ Steady-state analysis ▪ Darcy's Law ▪ Boundary conditions ▪ K-functions, VWC functions ▪ Geometry ▪ Finite element meshing ▪ Integration of steady-state SEEP/W pwp in SLOPE/W 	<p>SIGMA/W I Basic theory and features</p> <ul style="list-style-type: none"> ▪ Stress and deformation ▪ Soil strength models ▪ Staged construction ▪ Slip elements ▪ Beams and bars ▪ Integration of finite element stresses in SLOPE/W 	<p>SIGMA/W II Advanced theory and features</p> <ul style="list-style-type: none"> ▪ Consolidation ▪ Volume change ▪ Wick drains ▪ Soft soils construction ▪ Heave and settlement due to water addition or removal

Break-out sessions for QUAKE/W, VADOSE/W, and TEMP/W may be offered, if interest is expressed.

You are welcome to contact us at:



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