REGISTRATION

The total number of participants is limited to forty (40). Registration will be accepted in the order in which they are received. Participants who require a visa are suggested to register early. The process of obtaining a visa may take up to two months. To register for the course, please complete the registration form and send it to the course organiser. Directly after registration participants will receive a letter of confirmation.

If the payment is not made before April 29th 2017 the organisation will reserve the right to cancel your registration and grant your seat to the first person on the waiting list, if applicable. The organisers also reserve the right to make any necessary amendments to the program.

CANCELLATION

The participants are requested to give immediate written notification if, after registration and confirmation formalities have been completed, they are unable to attend the course. The Terms and Conditions of PLAXIS Academy with respect to cancellations apply. www.plaxis.com/terms-and-conditions

FOR PLAXIS SOFTWARE IN TURKEY

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COURSE FEES

Training fee: €995

When registering before 1 April 2017 a discount of 10% applies.

For registration visit:

www.plaxis.com/events

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INTRODUCTION
This training on the practical use of PLAXIS 2D for Earthquake Geotechnical Analysis is organized for the second time in Turkey. One of the aims of this training is to teach the practical application of the advanced soil models and modelling analysis features in the field Dynamic Geotechnical Analysis.
This two-day training is especially tailored towards practitioners in the industry to provide good understanding on the use of PLAXIS in Earthquake Geotechnical Analysis. It is intended for practicing engineers who do already have prior experiences in using PLAXIS 2D and who are willing to improve their modelling skills and knowledge in the field of Earthquake Geotechnical Analysis using PLAXIS 2D.

FORMAT
The program format consists of two days, which are arranged in intensive session blocks, allowing for a compact and time effective training.
Both days include a morning and afternoon session. The 3 hours long blocks all contain a well-balanced mix of lectures and exercise with full tutoring. The training will be completely held in English.

LECTURES
Experts with a thorough theoretical background and large experience in practical finite element modelling in the field of Earthquake Geotechnical Analysis will be present to give lectures and to supervise exercises and case studies on the topics mentioned earlier.

DYNAMICS
On the first day of the course, the focus will be on general modelling of dynamics problems. After an introduction on the theoretical basics of dynamics analysis special attention is given to soil properties and damping behaviour. Special features for the modelling of dynamics problems as can be found in the PLAXIS software are addressed.

• Modelling Dynamics problems - Prof. Juan Pestana
• Soil properties and damping in dynamics analysis
  Prof. Juan Pestana
• Modelling Dynamics in PLAXIS
  Dennis Waterman, MSc.
• Boundary conditions for seismic analysis
  Dennis Waterman, MSc.

SEISMIC ANALYSIS
The second day will be fully dedicated to seismic analysis using Finite Element Method. Aspects of soil-structure interaction as well as liquefaction behaviour will be discussed.

• Earthquake Engineering using FEM
  Prof. Juan Pestana
• Soil-structure interaction - Prof. Juan Pestana
• 1D Site response analysis in PLAXIS
  Dennis Waterman, MSc.
• Modelling liquefaction in PLAXIS
  Dennis Waterman, MSc.

VENUE
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www.thegreenparkbostanci.com

COST
The cost of the training is €995. The cost includes all lunches and coffee breaks as well as a full set of instruction manuals and the use of a computer. Hotel accommodation, if required, should be arranged by the course participants themselves.

LECTURERS

Prof. Juan Pestana
University of California in Berkeley
Juan obtained his PhD degree at MIT and received several awards including the Arthur Casagrande Professional Development in 1998. He has been geotechnical consultant for projects involving expansive and collapsible soils, vibration control of foundations, slope stability and soil improvement for liquefiable soils. Juan is professor at the University of California in Berkeley since July 1994.

Dennis Waterman, MSc
Plaxis bv
Dennis obtained a Masters degree in Civil Engineering at Delft University of Technology before he joined Plaxis in 1996 as a programmer. He has been involved for several years in creating the Windows user-interfaces of the new PLAXIS products before shifting his main field of activity to user support and lecturing courses in 2002. Since 2006 he is the international course coordinator.