

**INTERNATIONAL CONFERENCE ON  
GEOTECHNICAL ENGINEERING  
November 5-6, 2010, Lahore (Pakistan)**

**PREAMBLE**

The Pakistan Geotechnical Engineering Society (PGES) in collaboration with National Engineering Services Pakistan (NESPAK), University of Engineering & Technology (UET) Lahore and Associated Consulting Engineers (ACE), takes pleasure in announcing an International Conference on Geotechnical Engineering. The Conference will be held in Lahore, Pakistan on November 5-6, 2010.

The Conference will be attended by a good number of renowned professionals from Pakistan and abroad. This will result in immense knowledge sharing between the professionals from client's bodies, consulting engineers, contractors, equipment suppliers etc.

During this Conference keynote lectures shall be presented by the renowned international geotechnical professionals, viz. Prof. Johann Golser (GEOCONSULT ZT GmbH/GEOCONSULT Consulting Engineers), Austria and Dr. Peter J. Mason (Int'l Dams and Hydropower). Prof. Golser will discuss 'Risk Management in Geotechnical Engineering', in his lecture. Similarly 'Quantitative Risk Assessment in Dam Safety Practice', will be delivered by Dr. Mason.

Geotechnical projects usually have a high risk potential due to various reasons. Potential risks must be identified and their probability of occurrence and the consequences are to be quantified. Adequate QA and QC procedures shall help to minimize risks in all project phases, starting from the first planning and investigation activities until commissioning of a project.

A number of quality papers shall be presented by renowned geotechnical professionals. These papers will cover diverse areas like Investigations, Testing, Design, Ground Improvement, Numerical Modeling, Case Histories etc. The Conference will help bring together the vast knowledge of the experts in this field, for future guidance.

A site-seeing tour of the selected historical places in Lahore is also planned (on payment) on November 6, 2010 after lunch.

**CONFERENCE LOCATION**

The Conference shall be held in the Seminar Hall, Chemical Engineering Department of University of Engineering & Technology, Lahore located at GT Road, Lahore.

**EXHIBITION**

An Exhibition to display the recent developments in geotechnical engineering will be arranged in the vicinity of Seminar Hall. Various contractors, consultants and manufacturers are invited to display their expertise, equipment, etc. The following rates have been fixed for the stalls:

3'x5' table      Rs 20,000/-  
3'x10' table     Rs 30,000/-

Interested parties should contact immediately the Convener of Stalls and Advertisement Committee.

**ADVERTISEMENT**

Engineering bodies, industries, contractors, consultants and manufacturers are invited to get their advertisements booked in the Conference Proceedings. Interested parties should contact immediately the Convener, Stalls and Advertisement Committee for booking of advertisement at the following rates:

Half A-4 size page      Rs 10,000/-  
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Convener, Stalls and Advertisement Committee:

Ms. Arooj Mahmood Rana,  
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The advertisement in the final form along with payment in favour of Pakistan National Society for Soil Mechanics & Foundation Engineering, should be sent to the Convener, Stalls and Advertisement Committee before September 10, 2010.

**LIST OF ACCEPTED ABSTRACTS**

A list of the accepted abstracts of papers is given below:

Sr No	Author	Country	Title
1	Ali Bouafia	Algeria	P-Y Curves for Single Piles In Sand From The In-Situ Tests
2	Ali Bouafia, Dalila Tachet, Abderazzak Therrafi	Algeria	Experimental Analysis of P-Y Curves for Single Piles in Sand- Centrifuge Modeling
3	Amir Nawaz Khan, Ancuta Rotaru	Romania/Pakistan	Landslide Triggering Factors in Pakistan and Romania
4	Ammad Hassan Khan, Aziz Akbar & M. Ahmed Khan	Pakistan	Analysis of Sand Loading by Flat Rigid Piston Dilatometer
5	Ammad Hassan Khan, Aziz Akbar, S. Faiz Rasool & Zubair Masood	Pakistan	Evaluation of Shear Modulus in Alluvial Soils from Flat Rigid Piston Dilatometer
6	Asmat Ullah and Khurshaid Alam	Pakistan	Resistivity Signature of Freshwater at Manageable Depth near Jhang, Pakistan
7	Asmat Ullah, Muhammad Saeed & Muhammad Atif	Pakistan	How the Overstressed Aquifer under Lahore Urban Area Looks like through the Eyes of Geophysics

8	Asmat Ullah, Muhammad Saeed and Muhammad Atif	Pakistan	Islam Barrage Reinforcement Structure Scanning By Ground Penetrating Radar (GPR)
9	Azam R. Khan, E.U. Khan, H. Khabbaz & A.B. Nasir	Australia/ Pakistan	Methods for Estimating Internal Erosion in Embankment Dams
10	Azita Ebrahim, Mehrab Jesmani	Iran	Finite Element Analysis of Load Contribution Between Pile and Raft In Piled Raft Foundations
11	Aziz Akbar, Zia ur Rehman, B.G. Clarke & P.G. Allen	UK/ Pakistan	Development and Applications of Akbar Pressuremeter
12	Farooq Fazal	Pakistan	Geotechnical Aspects of Moenjodaro Archeological Site
13	Fawad S. Niazi, Paul W. Mayne, and David J. Woeller	USA	Review of CPT-Based Methods for Response Evaluation of Driven Piles in Dense Sands
14	G. Mesri, A. Q. Khan	USA	Interpretation of Vacuum Preloading Using ILLICON Methodology
15	Georg Spaun	Germany	Tunneling in Heavily Squeezing Rocks with a New Support System
16	Guillaume Veylon	France	Ground Improvement by Dynamic Compaction
17	Guillaume Veylon	France	Ground Improvement by Stone Columns
18	Irshad Ahmad	Pakistan	Site Amplification Factor at Mardan
19	Izhar ul Haq and Syed Tanveer Abbass	Pakistan	In Situ Stress Tests At Diامر Basha Dam Project
20	Juan J. Marcano, Juan Enrique Noguera & Tauseef I. Choudry	USA/Venezuela	Behavior of a Dam Built on Sandy Foundation
21	Khalid Farooq, Kashif Imtiaz & Sohail Kibria	Pakistan	Geotechnical Zoning of Lahore for Foundation Design based on SPT Data
22	Khawaja Adeel Tariq	Pakistan	Mechanical Behavior of Cement Treated Sand
23	Khawar Munir & Khalid Farooq	Pakistan	Comparison of Rock Mass Classification Systems for Diامر Basha Dam Project Site
24	M. Khodaparast	Iran	The Repeatability in Results of Mackintosh Probe Test in Soft Soils
25	M. Khodaparast	Iran	The improvements of Coastal Soft Clay using Preloading- Case Study
26	M.I. Khan, L. Nguyen Tuan & T. Schanz	Germany	Swelling Pressure of Expansive Soils Based on Laboratory and Numerical Simulation for Nuclear Waste Repository
27	M.I. Khan, S.Tripathy & Tom Schanz	Germany/UK	Estimating Hydraulic Conductivity of Compacted Expansive Clays Using Existing Models with Different

			Approach
28	Manzoor Hussain, Timothy D. Stark and Kamran Akhtar	USA	Back Analysis Procedure of Landslides
29	Mazhar I Arshad & Zeeshan Wali	USA/Pakistan	Characteristics of Deformation Field during Indentation of Reinforced Soil
30	Mehdi M.Rezaei	Iran	The Effect of Changing the Geometry and Compaction Degree on Arching of Earth Dams
31	Mehrab Jesmani, Hoda Nabavi	Iran	Buckling Capacity of Concrete Piles in Sands
32	Mohsin Usman Qureshi, Ikuo Towhata & Suguru Yamada	Japan/ Pakistan	The effects of weathering on strength and deformation characteristics of soft rocks
33	Muhammad Asad Shafiq	Pakistan	A Comparison of Shear Wave Velocity Profiles from Multi Channel Analysis of Surface Waves and Crosshole Seismic Method
34	Muhammad Babar Sajjad	Pakistan	Using PHASE2 for Modeling Convergence on Neelum-Jhelum Tunnels
35	Muhammad Humza, Narong Thasnanipan, Zaw Zaw Aye	Thailand/Pakistan	A Comparison of Analytical Methods for Diaphragm Wall Behavior in Bangkok Soil
36	Muhammad Shehzad Khalid & Muhammad Usman Tahir	Pakistan	Using Rock Works/14 for Developing a 3D Geological Model for the Neelum-Jhelum Underground Powerhouse
37	S. Muhammad Jamil, Nawab Ali & Sarfaraz Ali	Pakistan	Geotechnical Evaluation of Seepage Remedial Measures at Khanpur Dam
38	S. Muhammad Jamil, S.Zeeshan Wali & Sarfaraz Ali	Pakistan	SSI Effects of Calculating Bearing Capacity Values of Shallow Foundations
39	S. Muhammad Jamil, S.Zeeshan Wali & Sarfaraz Ali	Pakistan	Comparative Study of Field and Laboratory Methods of Evaluating Bearing Capacity of Cohesive Soils
40	S. Muhammad Jamil, S.Zeeshan Wali & Sarfaraz Ali	Pakistan	Study of Plate Size Effects in Soils
41	Sarosh Lodi, Muhammad Masood Rafi & Sahibzada Farooq Ahmad Rafeeqi	Pakistan	A Critical Review of Methods for Calculating Shear Wave Velocity for the Preparation of Seismic Zonation Maps for Pakistan
42	Shahid Azam	Canada	Development of Meso-scale Oedometer Test System
43	Sohail Kibria, Aziz Akbar & Sadaf Saeed	Pakistan	A Comparative Study of Pile-Anchor Support System for Deep Excavations in Lahore
44	T. Akhlaghi, H. Norouzi & P. Hamidi	Iran	Determination of Active Earth Pressure Coefficients Using Upper

			Bound Limit Analysis
45	T. Akhlaghi, N. Salehi Alamdari & P. Hamidi	Iran	Numerical Investigation of Dynamic Response of Reinforced Soil Retaining Walls
46	T.P.Thaker, K.S.Rao, K.K.Gupta	India	Use of Multi Channel Analysis of Surface Wave (MASW) Technique for the Development of Average Shear Wave Velocity (Vs30) Model: A Case Study of Surat City, Gujarat, India
47	Tahir Masood, Sohail Kibria & Aziz Akbar	Pakistan	The Science and Art of Evolving Geotechnical Parameters
48	Tayyaba Mateen, Aqeel Goher	Pakistan	Safe Bearing Capacity Evaluation for the Construction of Proposed Chaudhry Tahir Plaza, Lehtrar Road, Islamabad
49	Tom Schanz, M.I. Khan, S.Tripathy	Germany/UK	Swelling Pressures and Hydraulic Conductivities of Compacted Bentonites: An Experimental Investigation
50	V. R. Ouhadi & A. H. Omid	Iran	Effect of Lead Extraction by EDTA on Physico-Mechanical Behavior of Bentonite Soil
51	Wolfram Kagerer	Germany	New Austrian Tunneling Method – Not a Formula

### SPECIAL SUBSIDIZED RATES FOR HOTEL ACCOMMODATION

Sr. No.	Hotel Name	Rate/Night (Normal Room)		Rate/Night (Executive Room)	
		Single (Rs.)	Double (Rs.)	Single (Rs.)	Double (Rs.)
1	Avari, Lahore	7500+tax	8500+tax	10000+tax	12000+tax
2	Pearl Continental, Lahore	6500+tax	8500+tax	9400+tax	11500+tax
3	Holiday Inn., Lahore	6000+tax	7000+tax	9000+tax	10000+tax
4	Hotel Sunfort, Lahore	5500+tax	6000+tax	7000+tax	8000+tax
5	Park Plaza, Lahore	5500+tax	6500+tax	7000+tax	8000+tax
6	Best Western, Lahore	3000+tax	4000+tax	4500+tax	5500+tax
7	Hotel One, Lahore	3000+tax	3500+tax	4000+tax	4500+tax

**Note:** Those delegates, who would like to avail facility of booking at the above hotels at the special subsidized rates, may contact the undersigned:

Mr. Tanvir Shaukat, Principal Staff Officer, NESPAK  
Tel: 0924299231931, Cell: 0923009478494, Fax: 0924299231932

**Please note that for the booking of hotel room, payment will have to be made on cash basis, while checking-in.**

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### CONFERENCE ORGANIZING COMMITTEE

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## CONFERENCE REGISTRATION FORM

Name:

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PGES member : yes  No

Interested in:

Attending Conference : Yes  No

Sponsoring : Yes  No

Exhibition : Yes  No

Advertisement : Yes  No

I am enclosing a DD / PO in favor of Pakistan National Society for Soil Mechanics & Foundation Engineering, payable at Lahore with the following details (PKR. 1000/- per local participant, US \$ 200 per foreign participant):

DD / PO No.:

Dated:

Bank:

Or Cash

Towards Registration fee/ Sponsorship/ Exhibition/ Advertisement

Dated:

Signature

The registration form, duly filled-in, along with fee, should be sent to the Secretary, Conference Organizing Committee: Engr. Hamid Masood Qureshi, Senior Engineer, GT & GE Division, NESPAK House, 1-C, Block N, Model Town, Lahore- Pakistan  
Tel: +92-42-99090393, +92-333-4371808  
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(Last date for pre-registration at 10% discount: September 30, 2010)

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*Pakistan Geotechnical Engineering Society*

**November 5-6, 2010  
Lahore, Pakistan**

**Bulletin No. 2**

