Location

The conference will be held in Guilin, one of the most famous and attractive regions for tourism in China. The city is located in a karst basin surrounded by numerous picturesque mountains, and excellent not only for a leisure vacation but also for an outdoor adventure. The beautiful Li River flows through Guilin, connecting the city and the famous resort Yangshuo. Guilin has a subtropical monsoon climate with an annual average temperature of 19ºC.

There are more than 50 flights everyday between Guilin and major cities in China, and five high-speed trains between Guilin and Beijing, Shanghai and Guangzhou, respectively. Shuttle buses will be provided at Guilin Liangjiang International Airport and Guilin Railway Station for delegates.

Important dates

Abstract due:	Nov. 1, 2014
Abstract Acceptance:	Dec. 1, 2014
Drat paper due:	Mar. 1, 2015
Paper review & acceptance:	May 1, 2015
Final paper due:	Jun. 1, 2015
Conferences dates:	Oct. 23-26, 2015

Conference website

www.ap-unsat2015.com

E-mail: ap-unsat2015@hotmail.com

Contact details

Organizing Committee of 6th Asia-Pacific Conference on Unsaturated Soils

College of Civil Engineering and Architecture,
Guilin University of Technology,
Guilin, Guangxi 541004, China.

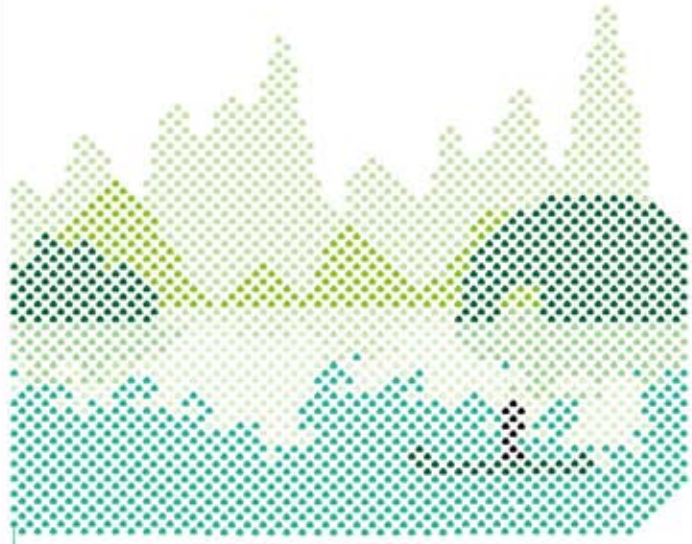
Tel. +86 (0773) 589 5253, Fax: +86 (0773) 589 1626

The Second Announcement /Call for papers

AP-UNSAT 2015

6th Asia-Pacific Conference on Unsaturated Soils

Guilin · China



Organized by

The Committee of Unsaturated and Special Soils, the Chinese Institution of Soil Mechanics and Geotechnical Engineering (CISMGE)

The Committee of Rock and Soil Mechanics, the Chinese Society of Theoretical and Applied Mechanics (CSTAM)

Guilin University of Technology

Logistic Engineering University of PLA

The State Key Laboratory of Geomechanics and Geotechnical Engineering, Institute of Rock and Soil Mechanics, Chinese Academy of Sciences (CAS)

Under the auspice of

Technical Committee of Unsaturated Soils (TC106) of ISSMGE

BEAUTIFUL LANDSCAPE

Introduction

The series of Asia-Pacific conferences on unsaturated soils began in Singapore in 2000 with strong emphasis on both the theoretical aspects and practical significance of unsaturated soil mechanics in the region. With the continued support of the Technical Committee on Unsaturated Soils (TC106) of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), the 2nd, 3rd, 4th and 5th conferences were held in 2003 in Japan, in 2007 in Nanjing, China, in 2009 in Newcastle, Australia, and in 2012 in Pattaya, Thailand, respectively.

The conferences have provided a forum for researchers and practitioners in the region and beyond to present their latest developments and exchange ideas on the subject, with strong relevance to problems in the region such as heave/desiccation shrinkage, collapse, rainfall-induced slope instability, contaminant transport and so on. Recent developments in unsaturated soil mechanics are also leading to a much better understanding and solutions to many emerging problems such as soil/atmosphere interaction, thermal & chemical influences, and climate change. The organizers of the 6th Asia-Pacific Conference on Unsaturated Soils (AP-UNSAT 2015) are excited to carry on this great tradition of conferences in the beautiful City of Guilin, China.

International Advisory Committee

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L. M. Zhang	China	X. Zhang	USA
J. Chu	USA	A. Jotisankasa	Thailand

Objectives

The organizers of AP-UNSAT 2015 intend that the event will continue to help bridge the gap between the theory and practice related to unsaturated soils. In particular, researchers/academics as well as practicing engineers, and especially younger professionals, dealing with unsaturated soils from the Asia-Pacific region and beyond are warmly encouraged to attend the conference and present papers. Well-documented case histories from the region and elsewhere are also particularly welcome.

Organizing committee

Chairman

Zhenghan Chen Xuejun Chen

Technical secretaries

Changfu Wei Yongfu Xu

Haibo Lv Xiangwei Fang

Committee

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Zuyu Chen	Yuanming Lai
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Jianmin Zhang	Xiating Feng
Benzhen Zhu	Jianping Yang

Conference topics

The conference covers a broad range of themes related to unsaturated soils, including but not limited to:

Unsaturated Soil Behavior

Chemical effects	Dynamics
Microstructure	Soil-Water Characteristics
Strength	Stress-strain
Thermal effects	Permeability

Experimentation

Centrifuge testing	In-situ testing
Laboratory testing	Full-scale testing

Advances in suction/moisture content measurement

Modelling

Constitutive modelling	Coupled analysis
Fundamentals	Numerical analysis

Geotechnical engineering problems

Embankments/dams	Flow/infiltration
Foundations	Isolation barriers
Natural hazards	Pavements
Problematic soils	Rainfall-induced landslide
Slope stability	Soil cover systems

Tunneling in unsaturated soils/rocks

Case Histories

Engineering applications	Field monitoring
Forensic study	

Multidisciplinary and new areas

Bio-engineering/ Vegetation effects

Climate change	Dispose of high-level radioactivity waste

Energy issues (CO_2 sequestration, gas hydrates)

Geo-environmental engineering

Chemo-mechanical coupling

Geoinformatics	Soil Physics/Pedology/Genesis
Rockfill mechanics	Swelling rocks
Soil-Atmosphere interaction	Vadose zone hydrology