

VENUE

Tentatively, GA2012 will be held in Centara Grand and Bangkok Convention Centre at Central World - a fully integrated and innovative hotel, convention venue, retail, and leisure complex ideally situated in the heart of Bangkok.

Transportation Options to / from the Hotel & BCC:

Suvarnabhumi International Airport: 25 kilometres or 30 minutes by car via expressway or by Suvarnabhumi Airport Railway Link through Phaya Thai BTS Station

Chidlom BTS Station: 1 kilometre or 10 minutes by walking via Sky-Walk

Siam BTS Station: 1.5 kilometres or 15 minutes by walking via Sky-Walk

Makasan City Terminal: 2 kilometres or 10 minutes by car (connected with Suvarnabhumi Airport Railway Link)



Abstracts are limited to 500 words. According to the International Geosynthetics Society regulations, participants may have only one paper as first authors (no limit for co-authoring papers). Chapters of IGS may submit up to 10 "Case Histories of Geosynthetics Engineering Practice" in addition to individual submission.

IMPORTANT DATES

Deadline for Abstract Submission	31 January 2012
Notification of Abstract Acceptance	29 February 2012
Deadline for Paper Submission	30 April 2012
Notification of Paper Acceptance	30 June 2012
Deadline for Author Registration	30 June 2012
Deadline for Early Bird Registration	30 April 2012

REGISTRATION

The Registration Fees which covers the Conference Proceedings, Lunch and Coffee Breaks are as follows:

Participants	US\$ 500
IGS Member	US\$ 450
Corporate Member (up to 5 each member)	US\$ 450
Early Bird Registration	20% discount

Registration Form

Name: _____

Title of Paper: _____

Mailing Address: _____

Telephone: _____ Facsimile: _____

E-mail: _____

Method of Payment

• Bank Transfer (add 3%)

Account Name: Asian Institute of Technology
Account Number: 359-3-00001-2
Bank Address: Siam Commercial Bank
Khlong Luang Branch, AIT Campus,
Khlong Luang, Pathumthani 12120,
Thailand

• Credit Card (add 5%)

- American Express (4-digit personal code: ____)
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Contact Information:

GA2012 Secretariat

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GEOSYNTHETICS ASIA 2012

5th Asian Regional Conference on Geosynthetics
10 to 14 December 2012
Bangkok, Thailand

BULLETIN NO. 4

*"Geosynthetics for Sustainable Adaptation
to Climate Change"*



Organized by:



International Geosynthetics Society—Thailand Chapter



Asian Center for Soil Improvement and Geosynthetics

Under the auspices of:



International Geosynthetics Society

INTRODUCTION

The International Geosynthetics Society—Thailand Chapter (IGS-Thailand), under the auspices of International Geosynthetics Society (IGS), organizes the Fifth Asian Regional Conference on Geosynthetics or Geosynthetics Asia 2012, which is scheduled from 10 to 14 December 2012 at Grand Centara Convention Hotel, Bangkok, Thailand. GA2012 will be hosted by the Asian Center for Soil Improvement and Geosynthetics (ACSIG) in the Geotechnical and Earth Resources Engineering (GTE) Program under the School of Engineering and Technology (SET) at the Asian Institute of Technology (AIT). The theme of this Conference is “Geosynthetics for Sustainable Adaptation to Climate Change”.

The effect of climate change including global warming is not only limited in causing landslide disasters but also in increasing the frequency of occurrence of a variety of natural disasters. The intergovernmental panel on climate change (IPCC) reported that residences of many more millions of people are projected to be flooded every year through the 2080s because of rising sea level. Among at risk are low-lying and densely populated areas. Moreover, recent news items have identified that insurance companies are blaming bad weather slashing down their profit forecasts by millions of dollars. Consequently, the insurance companies have been forced to raise the insurance premium to recoup their losses.

OBJECTIVES

The objective of GA2012 is to bring together geosynthetics researchers, consultants, owners, manufacturers, distributors, project regulators, contractors, and academics in order to share their knowledge, update information, create advance technologies, and discuss recent developments. Keynote and theme lectures will be presented by world famous authorities in geosynthetics. Invited lectures will be delivered by IGS Chapters and IGS Council Members. Technical visits to major geotechnical/geosynthetics projects will be organized.

CONFERENCE LANGUAGE

English is the official language of this conference.

CONFERENCE THEME

1. Keynote Lectures

- Keynote 1: Embankments on Soft Ground and Ground Improvement
- Keynote 2: Riverbank and Coastal Protection
- Keynote 3: Geosynthetics for Environmental Protection
- Keynote 4: Reinforced Earth Structures
- Keynote 5: Geosynthetics Innovation for Sustainable Engineering

2. Theme Lectures

- a. Geosynthetics for Climate Change due to Global Warming (Reinforced Slopes, Reinforced Embankment/Walls, Erosion Control)
- b. Sustainable Infrastructure including Limited Life Geosynthetics (LLGs) (Green Geosynthetics, Bioplastics, Natural Fibers, Renewable, Durability)
- c. Geosynthetics for Human Security (Flood Controls, Roads and Railways, Dams, Levees and Canals)
- d. Geosynthetics for Food and Agriculture (Irrigation Canals, Aquaculture Ponds)
- e. Geosynthetics for Water Conservation (Lining Systems, Geocontainers, Reservoirs)
- f. Geosynthetics for Leisure Activities and Sports (Artificial Lakes, Golf Courses, Race Tracks)
- g. Geosynthetics for Waste Disposal and Mining Activities (Geomembranes, Geosynthetic Clay Liners, Interface Shear Strengths)
- h. Geosynthetics for Coastal and Riverbank Protection (Drainage, Filtration, Geotubes, Geobags)
- i. Geosynthetics for Soft Ground Improvement (Prefabricated Vertical Drains, Vacuum/Electro-Osmotic/Heat Preloading)
- j. Case Histories and Innovations (Geosynthetics Interaction, Seismic Resistance, Futuristic, Innovative)

3. Special Sessions

The IGS Technical Committees will be requested to organize Special Sessions (to be combined with selected themes).

4. Country Reports

These reports are aimed at increasing IGS members awareness on geosynthetics activities in developing countries and will target the formation of potential new chapters and geosynthetics interest groups. Representatives from Malaysia, Philippines, Indonesia, Vietnam, Laos, Cambodia, Sri Lanka, Bangladesh, and Myanmar are encouraged to present their reports.

5. Case Histories

Each Asian Chapters of IGS to present 2 to 3 Case Histories.

6. Student Presentations

Student representatives from each Asian IGS Chapter to present papers.

LOCAL ORGANIZING COMMITTEE

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