

Schedules

Last day of abstract submission	: 15 February 2014
Notifications of abstract acceptance	: 28 February 2014
Last day of complete paper submission	: 15 April 2014
Notifications of complete paper acceptance	: 15 June 2014
Last day of registration Online special fees	: By 15 July 2014
Conference schedule	: 27-29 August 2014

Language Used English



Registration Fees

Online Special Fees : By 15 July 2014

For students	: 4,000 Baht
For general participants and presenters	: 8,000 Baht

On-site Registration Fees

For students	: 5,000 Baht
For general participants and presenters	: 10,000 Baht

1 US dollar is approximately 30 baht

Payment Account

“Advances in Civil Engineering for Sustainable Development”
Siam Commercial Bank Public Company Limited.

Account Number 707-260452-3

These fees cover participations, proceedings, bags, beverages, lunches, and a reception. Those who wish to go on technical tours must pay 1,000 baht extra.

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Tourist Attraction in Nakhon Ratchasima



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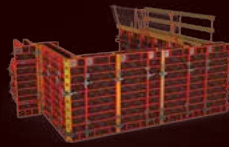
ACESD 2014

Conference on Advances
in **Civil**
Engineering
for Sustainable
Development



27-29 August 2014,
at Suranaree University of Technology,
Nakhon Ratchasima, Thailand.

Conference on Advances in Civil Engineering for Sustainable Development



with Center of Excellence in Civil Engineering, Association of Engineering Institutes of Thailand under Royal Patronage, International Geosynthetics Society – Thailand Chapter, and Metropolitan Waterworks Authority. The conference will be held in 27-29 August 2014, at Suranaree University of Technology, with the following purposes:

1) To provide a forum for disseminations of modern knowledge of and information on civil engineering and infrastructure engineering by scholars, researchers, and engineers from around the world.

2) To act as a venue for presentations of research results in the applications of agricultural and industrial waste materials within the domain of civil engineering, to reduce environmental and pollution problems.

3) To provide an arena for presentations of research results in the development of smart engineering materials and smart infrastructures.

4) To provide a forum for presentations of research results in soil improvement techniques and applications of geosynthetics in the work of civil engineering.

5) To provide a forum for presentations of research results in water supply engineering for sustainable development.

6) To act as a place for exchanges of new knowledge and experience in research among academics, researchers, and engineers in and outside Thailand for sustainable development of new bodies of knowledge in civil engineering and creations of cooperation networks among academics, researchers, and engineers from different countries.

Background and Purposes

School of Civil Engineering, Suranaree University of Technology, being determined and dedicated to excel in instructions, research, academic service, and transfer of technology, will host a conference on Advances in Civil Engineering for Sustainable Development (ACESD 2014), to commemorate its two decades in 2014 in cooperation



Topics

► Pavements and Railways

- Pavement materials and structures
- Innovative pavement analysis and design
- Pavement management systems
- Long-term pavement performance prediction
- Non-destructive testing of asphalt pavement
- Modeling of asphaltic materials and pavements
- Pavement response analysis under static and moving wheel loads
- Pavement recycling
- Geotechnics of road and railtrack structures
- Railway geotechnics
- Railway structures: Bridges, tunnels and transition zones
- Track design, construction and maintenance
- Track monitoring
- Trackbeds: Sleepers and ties
- Other related topics

► Ground improvements and Ground controls

- Compaction of soil and granular materials
- Deep soil improvement
- Soil stabilization with lime and cement
- Geosynthetics applications
- Foundations
- Geomechanics
- Seepage and porous mechanics
- Rock mechanics and rock engineering
- Other related topics

► Smart materials and Smart structures

- Composite material and structures
- Concrete technology
- New construction materials
- Geopolymer composite materials
- Lightweight materials
- Innovations in structural design
- Structural and solid mechanics
- Structural dynamics
- Sustainable buildings
- Tall buildings
- Other related topics

► Water Supply

- Water resources and desalination
- Water pumping and distribution
- Priority issues related to water resources: natural water quality trends
- Conventional and advanced treatment processes for drinking water
- Water treatment plants operation
- Reliability improvement of water supply systems
- Sludge from water treatment plant and application (treatment and management)
- Energy efficiency at water and wastewater plants
- Energy-saving and energy efficiency in water and wastewater treatment systems
- Energy-saving and energy efficiency in water and wastewater distribution networks
- Water leakage management
- Global warming for water issues
- GIS (application & Technology)
- Other related topics

Organizing Units

- School of Civil Engineering, Suranaree University of Technology
- Center of Excellence in Civil Engineering, Suranaree University of Technology
- Association of Engineering Institutes of Thailand under Royal Patronage
- International Geosynthetics Society – Thailand Chapter
- Metropolitan Waterworks Authority, Thailand

Call for paper

Paper presenters can access more details at <http://acesd.sut.ac.th/submission.php>

- Abstracts approved by the Editorial Board should be followed by submitting the full papers online by 15 April 2014, and at least one author must fill in and submit the Copyright Transfer Form via <http://acesd.sut.ac.th/submission.php>
- Paper authors must improve and edit their papers as suggested by the expert or specialist reviewers, and send in via <http://acesd.sut.ac.th/submission.php> by 15 July 2014

Full papers will be reviewed by experts and specialists, and published in the conference proceedings. Conference on Advances in Civil Engineering for Sustainable Development 2014.

The best papers will be selected to publish in a special issue of Computer-Aided Civil and Infrastructure Engineering (Impact factor 2012=4.46)