

Conference Program

Beijing, China, 2012



2012 ICEAS July 24 - 27

*2012 International Conference on
Engineering and Applied Science*

2012 GEBF & ISSTEP July 25 - 28

*2012 Annual Conference on Global Economy,
Business and Finance*

*2012 The International Symposium on
Society, Technology, Education and Politics*

Special Thanks

Session Chairs

<i>Shinoona Mohamed Al-Aisri</i>	<i>Sohar University</i>
<i>Dipan Chatterjee</i>	<i>Jadavpur University</i>
<i>Xuemeng Chen</i>	<i>Helsinki Metropolia University of Applied Sciences</i>
<i>Aaron J. Danner</i>	<i>National University of Singapore</i>
<i>Carlos Alejandro Figueroa</i>	<i>Universidade de Caxias do Sul Plasmart Tecnologia Ltda.</i>
<i>George Yuzhu Fu</i>	<i>Georgia Southern University</i>
<i>Arvind Kumar Gupta</i>	<i>Indian Institute of Technology Ropar</i>
<i>Lih Wu Hourng</i>	<i>National Central University</i>
<i>Chen Kai</i>	<i>China University of Petroleum</i>
<i>Sri Haryatmi Kartiko</i>	<i>Gadjahmada University</i>
<i>Maha. M. Khayyat</i>	<i>Umm Al-Qura University</i>
<i>Tan Eng Khiam</i>	<i>National University of Singapore</i>
<i>Alice M. Lacorte</i>	<i>First Asia Institute of Technology and Humanities</i>
<i>Alberto Casado Lordsleem Jr.</i>	<i>Polytechnic School of Pernambuco</i>
<i>Aleksandar M. Mitrašinović</i>	<i>University of Toronto</i>
<i>Lidia Montero</i>	<i>Technical University of Catalonia-UPC</i>
<i>Salvatore Russo</i>	<i>University Iuav of Venice</i>
<i>Esteve Codina Sancho</i>	<i>Universitat Politècnica de Catalunya</i>
<i>Sundaram Swaminathan</i>	<i>BITS-Pilani, Dubai Campus</i>
<i>Din-Chang Tseng</i>	<i>National Central University</i>
<i>Alexander Zemliak</i>	<i>Autonomous University of Puebla</i>
<i>Kaibo Zhou</i>	<i>Huazhong University of Science and Technology</i>

Program - Oral Sessions

Civil Engineering I

8:45-10:15, July 25, 2012 (Room 3)

Session Chair: *Prof. Lídia Monter*

779: Extent of Traffic Shockwave Propagations and Queuing Caused by Pavement Distress

Johnnie Ben-Edigbe

Universiti Teknologi Malaysia

Nordiana Binti Mashros

Universiti Teknologi Malaysia

Raha Binti Rahman

Universiti Teknologi Malaysia

Mr.

607: Investigation on the Literature of the Reuse of Unused Campus Space, Schools in Taiwan as Examples

Ya-Wen Lu

Chun Hua University

Jin-Fang Shih

Chun Hua University

160: Flexibility in Energy-Efficient Public Housing as a Factor of Social, Economic and Environmental Sustainability

Cristina Benedetti

Free University of Bozen-Bolzano

Julia Ratajczak

Free University of Bozen-Bolzano

Marianna Marchesi

Free University of Bozen-Bolzano

Maurita Glorioso

Free University of Bozen-Bolzano

Gabriele Pasetti Monizza

Free University of Bozen-Bolzano

Maria Teresa Girasoli

Free University of Bozen-Bolzano

Ilaria Brauer

Free University of Bozen-Bolzano

410: Adapting a Dynamic OD Matrix Estimation Approach for Private Traffic Based on Bluetooth Data to Passenger OD Matrices

Lidia Montero

Technical University of Catalonia-

UPC

Jaume Barceló

Technical University of Catalonia-

UPC

Esteve Codina

Technical University of Catalonia-

UPC

Civil Engineering III

8:45-10:15, July 26, 2012 (Room 2)

Session Chair: *Prof. Esteve Codina Sancho*

415: Integrating Bus Stop Modeling and Simulation in Public Transport

Network Design: A Survey

Esteve Codina Sancho

Universitat Politècnica de Catalunya

Pau Fonseca Casas

Universitat Politècnica de Catalunya

Màxim Colls Xatar

Universitat Politècnica de Catalunya

Lidia Montero Mercadé

Universitat Politècnica de Catalunya

691: Estimates Non-Stationary Hydrologic Extremes of Using a Power Model

Gwangseob Kim

Kyungpook National University

Gichun Lee

Kyungpook National University

Kyuhyun, Choi

Nakdong River Flood Control Office

244: A variant of the Flow-Based Set Covering Model for Refueling Station Deployment

Ying-Wei Wan

*National Penghu University of
Science and Technology*

464: Towards Measuring the Sustainability Impacts of Freight System Energy Management Initiatives

Tanya Elizabeth Lane-Visser

Stellenbosch University

570: Nano Engineered Building Products

Anwar Khitab

The University of Wah

Muhammad Nadeem

The University of Wah

Shahmir Janjua

The University of Wah



Proceedings

24-27 July 2012



2012 International Conference on
Engineering and Applied Science