International Conference on

# Solid Waste

Innovation in

Technology and Management 7

# Contact information

Hong Kong Special Administrative Region, P.R. China http://arcpe.hkbu.edu.hk/conf2013

#### Sponsorship:

The conference would undoubtedly provide you an unique opportunity to gain prominent vision and explore business opportunities among various stakeholders in the area of sustainable waste management. Some sponsorship packages are offered as follows:

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The interested parties are invited to fill in the Sponsorship/Donation Form which can be downloaded from the conference website or it will be provided upon request by contacting the Secretariat. Your support and contribution would definitely make a difference in achieving the goal of this conference.

#### Registration:

Normal registration fee **USD 450** Early bird registration fee\* **USD 400** Student registration fee **USD 200** Day registration fee **USD 150** 

\* deadline: 31 Dec 2012

20% discount for the member of the organizing partners (Deadline: 31 Dec 2012).

The registration fee can be paid by bank cheque/draft or credit card.

Registration can be done via our online system in the conference website in early2012;

http://arcpe.hkbu.edu.hk/conf2013

#### Financial Aid:

Financial aid in the form of registration, accommodation or travel will be available for selected participants, who are going to present a paper, attend the conference, coming from developing countries and/or having a student status. Interested parties can write to (icswhk@hkbu.edu.hk).

#### Important Dates:

Submission deadline for abstract of about 30 Nov 2012

500 words via conference website

31 Dec 2012 Early bird registration deadline

Notification of acceptance of abstracts for presentation 15 Jan 2013

15 Feb 2013 Submission deadline for full papers

#### **About Hong Kong:**

Hong Kong, renowned as the events Capital of Asia, is a vibrant and cosmopolitan city. Notorious for its extensive skyline and deep natural harbor, its identity as a cosmopolitan centre, where east meets west, is reflected in its creative and dynamic culture. Please visit Hong Kong Tourism Board's website to know more about this metropolitan city:

http://www.discoverhongkong.com/eng/index.html

#### Travel & Accommodation:

Accommodations near the conference venue and some local leisure tours can be booked via our travel agent. Avail discount by quoting our conference code.

Travelzen Limited

Email: michael.mou@travelzen.com

URL: www.travelzen.com

#### Conference Secretariat:

Sino-Forest Applied Research Centre for Pearl River Delta Environment (ARCPE) Hong Kong Baptist University

David C. Lam Building DLB 517, Kowloon Tong, Hong Kong

Tel: (852) 34112089 Fax: (852) 34112095 Email: icswhk@hkbu.edu.hk

URL: http://arcpe.hkbu.edu.hk/conf2013









FOR PEARL RIVER DELTA ENVIRONMENT

































































Technology and Management 2013

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International Conference on

Hong Kong Special Administrative Region, P.R. China http://arcpe.hkbu.edu.hk/conf2013

#### About the Conference:

Rapid urbanization and industrial development around the world have put pressure on the society in handling the tremendous increase in volume of wastes of diverse nature, and force us to plan for the next 10-20 years in an immediate manner. Besides, under the threat of global warming, every waste treatment option and technology should be characterized with their contribution to avoid the environmental deterioration. Rapidly depleting mineral and energy sources around the world forced us to consider the wastes as resources and not as wastes anymore. Therefore, a multidimensional approach is required to manage the generated solid waste and problem of climate change. In order to share the most updated and advanced knowledge from all over the world, the International Conference on Solid Waste 2013: Innovation in Technology and Management conference will deliberate on various issues related to innovation in waste treatment technologies and waste management strategies with the purpose to combat climate change from the waste perspectives. It will definitely enhance our understanding of waste management and treatment options that result in effective and competent solution through the interaction among the professionals, academics, researchers and the policy makers for sustainable future waste management policy and tackling global climate change problems.

#### Themes:

The conference covers the following areas:

- Sustainable solid waste management trend and development
- Waste management policies and strategies 2.
- 3. Waste separation and collection
- 4. Waste recycling technology
- 5. Life cycle of waste: from separation to recycling
- 6. Emerging technologies for waste treatment
- 7. Innovative development in waste to energy
- Advance in biological waste treatment technology 8.
- 9. Waste management for combating climate change
- Clinical and industrial waste management
- 11. Construction waste management
- Community and industrial engagement in waste management
- 13. Business opportunities and future development in waste industries
- Clean development mechanism for waste management
- 15. Waste management in developing countries

#### Venue:

Hong Kong Exhibition and Convention Centre, Wan Chai

#### Who Should Participate:

Professionals working in waste management and climate change from universities and research institutes, policy makers, government officials, consultants, NGOs and corporates involved in waste management and treatment business. Anyone who is interested and caring our environment is welcome to attend the conference.

#### Local organizing committee:

#### Chairman

Prof. Jonathan Wong, HKBU

#### Secretariat

Sino-Forest Applied Research Centre for Pearl River Delta Environment (ARCPE), HKBU

#### Members

Dr. Ellen Chan, Environmental Protection Department

Mr. K.K. Chan, SITA Waste Services Ltd.

Mr. Louis Chan, Hong Kong Waste Management Association

Mr. Jude Chow, Associated Engineers Ltd.

Prof. L. M. Chu, The Chinese University of Hong Kong

Ms. P. Chung, New Green Environmental Sciences Ltd.

Mr. C.F. Lam, Hong Kong Institution of Engineers

Mr. Alex Law, Jardine Engineering Corporation

Dr. Michael Leung, City University of Hong Kong

Mr. Louis Lock, Hong Kong Institution of Engineers

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Prof. C.S. Poon, Hong Kong Polytechnic University

Mr. Enoch Wong, Associated Engineers Ltd.

Mr. Kenny Wong, Hong Kong Productivity Council

Mr. S. M. Yu, Electrical & Mechanical Services Department

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Prof. A. Bockreis, University of Innsbruck (Austria)

Mr. J. Cacho, VEOLIA Environment-Research and Innovation (France)

Prof. L. Chai, Central South University (P.R. China)

Dr. T. Chakrabarti, National Environmental Engineering Research Institute [NEERI] (India)

Dr. H. Chanakya, Centre for Sustainable Technologies, Indian Institute of Science (India)

Dr. K. Y. Cheng, CSIRO Land and Water (Australia)

Prof. L.M. Chu, Chinese University of Hong Kong (Hong Kong)

Dr. L.F. Diaz, CalRecovery Inc, CA (USA)

Dr. J. Doublet, VEOLIA Environment-Research and Innovation (France)

Prof. K. Fricke, Technical University of Braunschweig (Germany)

Prof. S. K. Ghosh, Jadavpur University (India)

Prof. X. Guan, Tongji University (P. R. China)

Dr. J. Hao, Ryerson University (Canada)

Prof. M.C. He, Beijing Normal University (P.R. China)

Prof. P.J. He, Tongji University (P.R. China)

Prof. G. Ho, Murdoch University (Australia) Dr. A. A. Juwarkar, National Environmental Engineering Research Institute [NEERI] (India)

Dr. H. Koller, International Solid Waste Association (Italy)

Prof. Y. Ku, National Taiwan University of Science and Technology (Taiwan)

Dr. K. M. Lai, University College London (United Kingdom)

Dr. K. Lasaridi, Harokopio University (Greece)

Prof. A. Lau, University of British Columbia (Canada)

Prof. D.J. Lee. National Taiwan University (Taiwan)

Prof. P. Lens, UNESCO-IHE Institute for Water Education (Netherlands)

Prof. J. Li, Tsinghua University (P.R. China)

Prof. R. Li, Shenyang Aerospace University (P.R. China)

Prof. C. Lin, National Kaohsiung Marine University (Taiwan)

Prof. H.K. Ma, National Taiwan University (Taiwan)

Prof. R. Mohee, University of Mauritius (Mauritius)

Dr. J. Nair, RAUM International Pty Ltd (Australia)

Prof. M. Nelles, University of Rostock (Germany)

Prof. Y. S. Ok, Kangwon National University (Republic of Korea) Prof. A. Pandey, National Institute for Interdisciplinary Science and Technology (India)

Dr. P. Pullammanappallil, University of Florida (USA)

Prof. J.N. Saddler, University of British Columbia (Canada)

Prof. F. Salak, Research Institue on Material Cycling Engineering (Japan)

Prof. K.Y. Show, University Tunku Abdul Rahman (Malaysia)

Prof. S. M. Sohn, DanKook University (Republic of Korea)

Mr. R. Stegmann, International Waste Working Group (Italy)

Prof. S. Sun, Southwest University of Science and Technology (P.R. China)

Prof. R.Y. Surampalli, USEPA (USA)

Prof. R.D. Tyagi, INRS-ETE University (Canada)

Prof. C. Visvanathan, Asian Institute of Technology (Thailand)

Prof. J. Y. Wang, Nanyang Technological University (Singapore)

Prof. Q.T. Wu, South China Agricultural University (P.R. China)

Prof. H.Y. Xu, China Association of Environmental Protection Industries (P.R. China) Prof. J.H. Yan, Zhejiang University (P.R. China)

Prof. S.C. Yeh, Environmental Protection Administration (Taiwan)

Prof. H.Q. Yu, China University of Science and Technology (P.R. China)

Prof. F.S. Zhang, China Agricultural University (P.R. China)

Prof. L.X. Zhou, Nanjing Agricultural University (P.R. China)

# Publications:

Interested parties are encouraged to submit abstracts for oral and poster presentations. All accepted abstracts and papers will be published in the conference proceedings. Selected papers from the conference will be published in a special issue of SCI-listed journals.

### Confirmed Keynote speakers:

1. Prof. Thomas H. Christensen

Director, 3R . Residual Resources Research, Professor, Technical University of Denmark

2. Dr. Luis F. Diaz

President, Calrecovery, INC, USA

3. Prof. Goen Ho

Murdoch University, Australia

4. Dr. Herman Koller

Managing Director, ISWA Vienna, Austria

5. Prof. Ashok Pandey

National Institute for Interdisciplinary Science and Technology. CSIR India

6. Prof. Rao Y. Surampalli

Academician and Engineer Director, United States Environmental Protection Agency, USA

7. Prof. Rajeshwar D. Tyagi

Canada Research Chair and Professor, Institut National de la Recherche Scientifique (Eau Terre

Environment Research Centre), Université du Québec, Canada

8. Prof. Shin-Cheng Yeh Deputy Minister, Environmental Protection Administration, Taiwan

# Conference Workshops:

Workshops to be organized during the conference period will provide more specific hands-on information to relevant stakeholders in tackling climate change and waste management problem.

#### 1. Waste prevention

Speaker: Dr. Katia Lasaridi

Associate Professor, Harokopio University, Greece

#### 2. Biochar and environmental sustainability

Speaker: Prof. Yoshiyuki Shinogi

Kyushu University, Japan

Speaker: Dr. Meththika Vithanage Institute of Fundamental Studies, Sri Lanka

# Technical Tours:

Field trip will be organized to give better understanding of the Hong Kong waste treatment and industry. Proposed field trip options include management facilities such as Ngau Tam Mei composting plant, Kowloon Bay waste recycling centre, Strategic landfill (SENT, WENT or NENT), Restored landfills, Chemical waste treatment plant, EcoPark and Incinerator in Macau.