

Biological-Waste as Resource, with a Focus on Food Waste

Date: 1 - 3 Dec, 2014

Venue: HKIEd, Tai Po, HK



This proposed workshop focuses on “recycling” and “recovery” of organic waste (biomass) which included agricultural waste (plant residues and animal manure), biosolid (sewage sludge), food waste, paper/yard/wood waste, municipal waste, waste cooking oil, etc., through microbial degradation, to produce valuable products and energy sources. “Recycling” is the reprocessing of materials into new products, which will lessen the environmental impact and at the same time conserve a significant amount of energy and raw materials, whereas “recovery” refers to the recovery of embedded energy within waste materials through energy generation. A special session is devoted to “food waste”, as it is a timely topic in densely populated urban centers such as Hong Kong.

It is hoped that this workshop will provide an excellent opportunity for experts from both different parts of the world, who are working on relevant topics to meet, and exchange information. The ultimate goal is to convert waste into resource, and at the same time ease the disposal pressure, and also minimize pollution problems, due to improper treatment and disposal. Presented papers will be published in SCI Journal.

Tentative Topics

1. Integrated waste management
2. Safety and health aspects of using biological waste as resource
3. Techniques related to treatment of biological waste
4. Biogas and electricity from biological waste
5. Biochar application
6. Food waste as animal feeds

For Enquiries:

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Biological - Waste as Resource, with a Focus on Food Waste

<http://www.ied.edu.hk/cees/en/>

1-3 December, 2014

Hong Kong Institute of Education, Tai Po, Hong Kong

<http://www.ied.edu.hk/web/index.php?glang=en>

Organizers:

Consortium on Health, Environment, Education and Research (CHEER), Centre for Education in Environmental Sustainability (CEES), Centre for Greater China Studies (CGCS), Hong Kong Institute of Education (HKIEd); Croucher Institute for Environmental Sciences (CIES), Hong Kong Baptist University (HKBU)

Sponsors:

Environmental Conservation Fund (ECF), Hong Kong Institute of Education (HKIEd), Hong Kong Baptist University (HKBU), Zhejiang Agriculture and Forestry University (ZAFU), Kangwon National University (KNU)

Organizing Committee:

Dr. Anna OW Leung (HKBU)

Dr. Brian YB Man (HKIEd)

Dr. Wenjing Deng (HKIEd)

Dr. Wai-Chin Li (HKIEd)

Dr. Peng Liang (ZAFU)

Prof. Yong-Sik Ok (KNU) – Co-Chair

Prof. Chris YF Tsang (HKIEd)

Prof. Ming-Hung Wong (HKIEd/HKBU) - Chair

Prof. Shengchun Wu (ZAFU) – Co-Chair

Aim and Objectives:

This proposed workshop focused on “recycling” and “recovery” of organic waste (biomass) which included agricultural waste (plant residues and animal manure), biosolid (sewage sludge), food waste, paper/yard/wood waste, municipal waste, waste cooking oil, etc, through microbial degradation, to produce valuable products and energy sources. “Recycling” is the reprocessing of materials into new products, which will lessen the environmental impact and at the same time conserve a significant amount of energy and raw materials, whereas “recovery” refers to the recovery of embedded energy within waste materials through energy generation. A special session is devoted to “food waste”, as it is a timely topic in densely populated urban centers such as Hong Kong.

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Tentative Topics

1. Integrated waste management, focusing on biological waste
2. Safety and health aspects of using biological waste as resource
3. Techniques related to treatment of biological waste
4. Biogas and electricity from biological waste
5. Biochar application
6. Food waste as animal feeds

Special Session

There will be a special session on "Food waste as fish feeds". You are invited to organize your special sessions on other relevant topics, with a key paper of longer duration (40 min), followed by 4/5 papers of short duration (25 min).

Registration

Before 30 August, 2014 - USD300/participant, USD200/student

After 30 August, 2014 - USD350/participant, USD250/student

Accommodation

Riverside Hotel, Shatin (near Shatin Railway Station), about 25 minutes away from HKIEd)

Hilton Hotel, Shatin (near University Railway Station), about 20 minutes away from HKIEd)

Submission of Abstracts

Please submit your abstract(s) of about 300 words (Tahoma, font-size 12), with a title, author(s), affiliation(s), and 5 keywords by 30 July, 2014, and the authors will be notified about their acceptance by 15 August, 2014.

Publication in SCI Journals

Selected papers will be published in SCI journals such as "Environmental Science and Pollution Research" and "Water, Air, and Soil Pollution", as a regular paper. The full manuscript(s) should be submitted by 30 December, 2014, and the papers will be published sometime in mid-2015, after reviewing by at least two reviewers.

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Preliminary Registration Form

Please complete the form and send to: hkkchan@ied.edu.hk by 30th June, 2014

Please submit a separate form for each registrant.

Surname *Prof./Dr/Mr/Mrs/Ms	Other Names	Phone No.
Name of Institution/Company/Organization		Your Job Title
Correspondence Address		
e-mail		

*Please delete whichever is inapplicable

i.) Registration Fee

Before 30th August, 2014 : US\$ 300 / participant US\$ 200 / student
After 30th August, 2014 : US\$ 350 / participant US\$ 250 / student

ii.) Paper Submission Oral Presentation ____ Poster Presentation ____

Title of abstract/ paper (in English):

iii.) Do you intend to organize a special session? *Yes / No (Please delete whichever is inapplicable)

I intend to organize a special session on the following topic (and your paper will serve as the key paper for the session):

Potential talks and speakers to be included in this special session:

Signature

Date

For further information, please contact:

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