## 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.

## REGISTRATION

| | |
|---|---|
| **Normal registration fee** | **USD 100** |
| **Student registration fee** | **USD 10** |
| **Day registration fee** | **USD 35** |

## FINANCIAL AID

Financial aid in the form of registration 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. Interest-ed parties can apply through the Conference Secretariat (arcpe@hkbu.edu.hk)

## KEY DATES

- **30 September 2020**
  Submission deadline for abstract of about 500 words via conference website
- **15 October 2020**
  Notification of acceptance of abstracts for presentation
- **31 December 2020**
  Deadline for early bird registration for the Conference SBM 2020
- **31 February 2021**
  Submission deadline for full papers

## ELEMENTS OF THE SBM2021

All Oral and Poster Sessions for our conference:

- Core Science Keynotes
- Invited Speeches
- Oral Presentations
- Poster Presentations
- Workshops
- Select Events
  - -Awards Ceremony
- Networking Opportunities

## SPONSORSHIP

The conference would undoubtedly provide you a 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:

**Banquet Sponsor: $150,000**
- Company logo in all publication materials
- 6 free registration
- Inner cover page or inner/outer bottom page advertisement in the proceedings
- 5 minutes speech at the Gala Dinner
- 1 poster promotion space

**Diamond Sponsor: $100,000**
- Company logo in all publication materials
- 5 free registration
- Inner cover page or inner/outer bottom page advertisement in the proceedings
- 1 poster promotion space

**Platinum Sponsor: $50,000**
- Company logo in all publication materials
- 4 free registration
- Inner cover page or inner/outer bottom page advertisement in the proceedings

**Gold Sponsor: $25,000**
- Company logo in all publication materials
- 3 free registration
- 1 full-page advertisement in the proceedings

**Silver Sponsor: $15,000**
- Company logo in all publication materials
- 2 free registration
- Half- page advertisement in the proceedings

**Bronze Sponsor: $10,000**
- Company logo in all publication materials
- 1 free registration
- 1/4 page advertisement in the proceedings

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

## CONFERENCE SECRETARIAT

Sino-Forest Applied Research Centre for
Pearl River Delta Environment and Institute of Bioresource and Agriculture
Room 1201
Madam Chan Wu Wan Kwai School of Continuing Education Tower, Hong Kong Baptist University,Kowloon Tong, Hong Kong Tel: (852) 3411 2537
Fax: (852) 3411 2095
E-mail: sbm2020@hkbu.edu.hk
URL: https://sbm2020.hkbu.edu.hk/

# INTERNATIONAL CONFERENCE ON SUSTAINABLE BIOWASTE MANAGEMENT 2021



**DATE**

**12 APR - 15 ARP 2021**

**Hong Kong Time (GMT+8)**

**VENUE**

**Online**

**Main Organizers**

**Sponsors**

**Supporting Organizations**

# ABOUT THE CONFERENCE SBM 2021

Increasing urban population and industrialization are the key factors causing serious global environmental problems including increased solid waste generation, decreased soil quality, inadequate nutrient recycling, and increased emission of greenhouse gases. Similar situation is faced in densely populated Hong Kong which generates over 10,000 tonnes of municipal solid waste per day, of which 35% is food waste. Landfilling remains the main treatment technology which has additional environmental consequences. All these issues are interlinked and therefore there is a pressing need to develop integrated biotechnological approaches which allow efficient (bio)organic waste conversions for production of chemicals, materials, energy and food to provide greater profitability and environmental sustainability. However, current situation of such technologies overall in Asia including Hong Kong is not very appealing and technologies are not well integrated to achieve the goal of sustainability. Therefore, SBM 2021 creates a timely platform to bring successful case studies and research innovations from developed and developing countries and devise strat-egies for waste management industry which is expected to face a huge transition with more business oppor-tunities.

In the past, our four international conferences, ICSWHK 2011, ICSWHK 2013, ICSWHK 2015 and BioWCHK 2016 have provided a vibrant interactive platform for exchanging expertise. Following the huge success of these conferences, SBM 2021 with its special focus on biological waste management through integrated approaches will further provide impetus to the available and future technologies through critical evaluation. The outcome will have immense benefit to Hong Kong, Asia-Pacific partners and Western coun-tries through knowledge exchange, fostering of collaborations and development of appropriate waste man-agement technologies.

## CONFERENCE THEMES

Two-three parallel sessions will be organized to accommodate large number of oral presentations. Keynote and plenary lectures will be given by experts and related authorities in the specialized research areas of bio-technology, bio-fertilizers and bio-products, and climate change abatements. Poster presentations will also be invited in the exhibition during the conference. Both oral and poster presentations will be based on 10 specialized themes, as follows:

1. **Organic Waste Sources and Recycling Trends in Asia-Pacific Region**
2. **Biotechnology and molecular-engineering for organic resource management**
3. **Bio-fuels and bio-products from organic resources**
4. **Greenhouse gas emissions and mitigations in waste management sectors**
5. **Integrated biotechnologies for novel products**
6. **Emerging organic pollutants and fate during resource management**
7. **Bio-nano technology and applications in waste recycling**
8. **Bio-electro and bio-magnetic technology for energy or fuels**
9. **Bio-instrumentations in waste management**
10. **Industrial bio-engineering and process scale-up**

## VENUE AND DATE:

**Online**
**10 Apr - 13 Apr 2021, Hong Kong Time (GMT+8)**

## WHO SHOULD PARTICIPATE:

Participants coming from local and overseas institutes, professionals in waste management business and climate change, particularly members of Hong Kong Waste Management Association and Hong Kong Institute of Engineer, researchers, consultants, NGOs, government officials and students. Interested parties and the general public will also be invited to the public lecture.

## PRE-CONFERENCE WORKSHOP: 10th APR 2021

Pre-conference workshop on "Composting for organic waste management" will be organized on 10th Apr 2021 to provide hands-on information to relevant stakeholders.

## VIRTUAL TECHNICAL TOUR

1 hour virtual field trip will be organized on 13th APR 2021 of conference to introduce the local waste treatment and management facilities to the local and overseas participants.

INTERNATIONAL CONFERENCE ON SUSTAINABLE BIOWASTE MANAGEMENT 2021

## LOCAL ORGANIZING COMMITTEE FOR SBM 2021

**Chairman**

Prof. Jonathan W.C. Wong, Hong Kong Baptist University

**Secretariat**

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

**Local Organizing Committee Members**

| | |
|---|---|
| Dr. Samuel Tsui | Environmental Protection Department |
| Prof. Guang Hao Chen | Hong Kong University of Science and Technology |
| Dr. Guneet Kaur | Hong Kong Baptist University |
| Dr. Carol. S.K. Lin | City University of Hong Kong |
| Mr. Barry Lee | Associated Engineers Ltd. |
| Mr. Kenny Wong<br>Mr. Alex Law | Hong Kong Productivity Council<br>Jardine Engineering Corporation |
| Dr. Sam Lau | Hong Kong Baptist University |

## INTERNATIONAL SCIENTIFIC COMMITTEE MEMBERS

| | |
|---|---|
| Dr. Hoysala. N. Chanakya | Indian Institute of Science, India |
| Dr. K. Y. Cheng | CSIRO, Australia |
| Prof. Qing Chen | China Agricultural Univ., P.R. China |
| Prof. William Clarke | Univ. of Queensland, Australia |
| Prof. Klaus Fricke | Technical Univ. of Braunschweig, Germany |
| Dr. Suchithra T. Gopakumar | Univ. of Nottingham (Malaysia), Malaysia |
| Prof. Ping Jing He | Tongji Univ., P.R. China |
| Mr. Johannes Biala | Univ. of Queensland, Australia |
| Dr. Jun Zhou | Nanjing Tech University |
| Dr. Anthony Lau | Univ. of British Columbia, Canada |
| Dr. Katia Lasaridi | Harokopio University, Greece |
| Prof. Duu-Jong Lee | National Taiwan Univ., Taiwan |
| Dr. B. Ravindran | Kyonggi Univ., South Korea |
| Prof. Shane Ward | Univ. College Dublin, Ireland |
| Prof. Rundong Li | Shenyang Aerospace Univ., P.R. China |
| Dr. Deepak Pant | VITO, Belgium |
| Prof. K. Murugesan | Periyar Univ., India |
| Prof. Michael Nelles | Univ. of Rostock, Germany |
| Prof. Ashok Pandey | CSIR- Indian Institute of Toxicology Research India |
| Prof. Samir Khanal | Hawaii Univ., USA |
| Prof. Agamuthu Pariatamby | Univ. of Malaya, Malaysia |
| Dr. Pratap C. Pullamanapallil | Univ. of Florida |
| Prof. Taherzadeh Mohammad | Boras Universtiy, Sweden |
| Prof. Rao Y. Surampalli | GIEES, USA |
| Prof. Rajeswar D. Tyagi | INRS, Quebec, Canada |
| Prof. Chettiyappan Visvanathan | Asian Institute of Technology, Thailand |
| Dr. S. Venkata Mohan | CSIR-IICT, Hyderabad, India |
| Dr. Ammalyappan Selvam | Manonmaniam Sundaranar Univ., India |
| Dr. Suyun Xu | Univ. of Shanghai for Science and Technology, P.R. China |
| Prof. Jishuang, Chen | Nanjing Tech. University, China |
| Dr. Shiyong, Sun | Southwest University of Science and Technology, China |
| Dr. Xiaolei Zhang | Harbin Institute of Technology (Shenzhen), China |

## SUPPORTING ORGANIZATIONS

City University of Hong Kong
Hong Kong University of Science and Technology
The University of Hong Kong
State Key Laboratory of Clean Energy Utilization, Zhejiang University (China)
INRS and University of Quebec (Canada)
The University of Queensland (Australia)
University of Borås (Sweden)
University of Malaya (Malaysia)
China Agricultural University (China)
University of Macau (Macau)
Periyar University (India)
University of Rostock (Germany)
DBFZ-The German Centre for Biomass Research (Germany)

## KEYNOTE SPEAKERS (TENTATIVE)



**Prof. Jonathan W.C. Wong**
Hong Kong Baptist University
Topic: Innovative Composting Technology



**Prof. Rajeswar D.Tyagi**
INRS, Quebec, Canada
Topic: Turn biological resources into bio-products



**Prof. Klaus Fricke**
Technical University of Braunschweig, Germany
Topic: Landfilling mining



**Prof. Ashok Pandey**
CSIR-Trivandrum, India
Topic: Utilization of biomass for energy production