



The 3<sup>rd</sup> International Conference on  
**BIORESOURCES,  
ENERGY,  
ENVIRONMENT, AND  
MATERIALS TECHNOLOGY  
2019** (BEEM2019)

 **The Hong Kong  
Polytechnic University**

**12<sup>th</sup> - 15<sup>th</sup>  
JUNE 2019**

**THEMES :**

**1**

**Bioresources**

- Biodiversity, Bioresources, and Biomonitoring
- Sustainable Production of Biofuels and Bio-based Chemicals
- Food / Organic Waste, Agricultural Waste, and Biosolids Treatment / Recycling
- Life Cycle Assessment, Cost-Benefit Analysis, and Techno-Economic Analysis

**2**

**Energy**

- Waste-to-Energy and Renewable / Unconventional Energy Sources
- Sustainable Energy Production and Recovery
- Ultimate Carbon Management in Energy Aspects
- Analysis, Optimization, Computational Modelling, and Prediction

**3**

**Environment**

- Impact, Toxicity, and Risk Assessment of Environmental Pollution
- Biochar Production, Characterization, and Emerging Application
- Fate and Health Effects of Emerging Contaminants & Endocrine Disruptors
- Green and Sustainability Engineering, Planning, and Policy

**4**

**Material Technology**

- Zeolites, Metal Organic Frameworks, and Covalent Organic Frameworks
- Materials for Sensing, Separation, Sorption, and Storage
- Materials for Biological, Medical, Energy, and Environmental Applications
- Materials for Advanced and Emerging Applications



**ORGANISERS :**

