

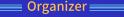


2021

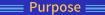
ASEAN Training Course

Time: 11.15-11.27

Theme: Valorization Utilization Technology and Industrial Application of Biomass Wastes in ASEAN Region



Institute of Urban Environment (IUE) Chinese Academy of Sciences (CAS)



The ASEAN training course aims to help scientists and technical and managerial personnel of enterprises, research institutes and universities in related fields from the ASEAN countries to further understand the real challenges and to master current urgent technologies for biomass waste utilization.

The ultimate goal is to promote exchanges and cooperation between China and ASEAN countries in recource recycling, carbon emission reduction, ecological and environmental protection and sustainable development.

The participants will:

- 1. improve the understanding on cutting-edge technologies and froniter scientific research trend in the utilization of biomass resources.
- 2. participate in interactive discussion group, where they will be able to network and share ideas.

Information ≡



Online & Offline

The training course will be conducted The training course with be conducted in a variety of ways including online teaching for participants who stay in ASEAN countries and offiline training for foreign students in China.



Target Audience

Science and technology counselors; managerial personnel of enterprises, resesearch institutes and universities in related fields from the B&R countries.



Language

The all training courses will be held in English.



Successfully participants will obtain a course certificate recognized by IUE, CAS.



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Course Content =

Participants will attend over 21 courses during the training.The major courses including:

- 1.Waste Management and Soil Health for Sustainable Cities 2.Technical R&D and Demonstration of Coproduction of Carbon, Heat and Power by Pyrolysis Gasification Cellulose Biomass 3.Current Situation and Development Trend of the Global Biofuels Industry Derived by Carbon Emission Reduction and Carbon Neutrality Polycies
- 4.The Current Status and Future Prospect of Biomass Resources in Borneo Island for Optimum Utilisation
- 5.Sustainable Renewable Countries Energy and Biomass Certifications in South East Asia
- 6.Sustainable and Optimal Use of Biomass from Agriculture, Forestry and Aquatic Resources in Sarawak, Malaysia
- 7. Utilization of Biomass Waste to Develop Growth Media and Nutrient Soil
- 8.Turn Organic Waste into Biochar-CO2 Sequestration and Mitigation
- 9.Treatment Technology and Development Trend of Fly Ash From MSW Incineration in China
- 10.Sorting and Management of Municipal Solid Wastes (MSW) in China: A Case Study in Xiamen City
- 11. Material Cycles and Sustainable Development
- 12.Low-Carbon Development, Carbon Peak and Carbon Neutral
- 13.Frontier Theories and Techniques in Sustainable
- **Urbanization and Management**
- 14.Research and Technical Application if Soil Conditioner Based on Industrial and Agricultural Waste
- 15.A Systems Approach to Urban Health and Wellbeing-From Theory to Practice
- 16.Thermochemical Conversion of Biomass into Fuels and Chemicals: Overview and Perspective
- 17.Principles and Solutions to Sequester Carbon & Decrease Greenhouse Gases Emissions in Farmland of China
- 18.Upgrading of Waste Biomass to Highly Value-Added Chemicals and Fuel
- 19. The Household Biogas Technology in China
- 20.Technical Progress in Industrial Biowastes Treatment and Resource Reuse in China
- 21.Dynamic of Aboveground Biomass Across Maludam National Park Peatswamp Forest

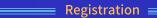




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The Deadline for applying the course is October 15, 2021. Please contact our office at email: bbpan@iue.ac.cn (please cc fionake123@sina.com)

About IUE

The Institute of Urban Environment (IUE), Chinese Academy of Sciences (CAS) was established on July 4, 2006. IUE, as a national institute, is the only research institute engaged in comprehensive studies on urban environment in the world. It is located in Xiamen, a beautiful city in southeast China.

IUE is a multi-disciplinary institution engaged in fundamental and applied research on the cutting edge of environmental and resource sciences, as well as the development of high-tech for environmental remediation and waste management, encompassing the impacts of urbanization on ecosystems and social economy, the relationship between environmental quality and innovative integration of technologies for the control and remediation of water, soil, air and solid waste pollution.



IUE has 280 employees, including one academician of the Chinese Academy of Science, one academician of the Chinese Academy of Engineering, six national-level distinguished young scholars, thirty-four researchers and four national-level excellent young scientists. It has a bank of talents in the field of urban environmental science, which will provide firm technological as well as scientific support for the development of environmental protection industries and ecological civilization.