BIOCHAR FOR SUSTAINABLE MANAGEMENT OF URBAN BIOMASS WASTE

About Our Workshop

With the increasing amount of urban biomass waste generated globally, innovative solutions are required to manage this waste in an environmentally friendly and cost-effective manner. Biochar has been identified as a promising solution to this problem, as it can be produced from a variety of biomass sources and has numerous benefits for soil health, carbon sequestration, and waste management. The workshop will feature a roundtable discussion, providing participants with the opportunity to engage in a dynamic exchange of ideas and experiences with other stakeholders in the industry.

Objectives

- To identify potential biochar research and production technologies
- To evaluate carbon trading opportunities for biochar producers

PROF. HAILONG WANG

Prof. Hailong Wang is a distinguished professor in environmental science at School of Environmental and Chemical Engineering, Foshan University, China. He is also an adjunct professor at Zhejiang University and Zhejiang A&F University. His research program focuses mainly on environmental functions of biochar and environmental remediation. He has published more than180 papers in SCI journals, including 14 ESI highly cited papers. He is the Director of Biochar Engineering Technology Research Center of Guangdong Province, China, a director of the Biochar Industry Technology Innovation Strategic Alliance of China, a member of the International Biochar Initiative (IBI) Advisory Committee, and an editor of Environmental Science and Pollution Research, Journal of Soils and Sediments and Biochar.

TOM MILES

Thomas R. Miles is the President of T.R. Miles, Technical Consultants in Portland, Oregon, a biomass energy consulting firm which designs, develops, installs, and commissions systems that improve efficiency and emissions and recycle nutrients from biofuel processes. He has extensive expertise in innovative biomass systems for processing wood, agricultural, and urban residues including pyrolysis, gasification, and combustion, boiler and gasifier modification and feedstock sizing, recycling, drying, densification, and handling projects in developing countries. He has lived and worked in several countries where he contributed to the development of improved cooking stoves as well as small scale heat and power systems.

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