



**Prof. Dr. Su Shiung Lam**

Universiti Malaysia Terengganu

Institute of Tropical Aquaculture and Fisheries (AKUATROP)

**Title of presentation:**

Production of value-added hydrochar and wood vinegar from  
single-mode microwave hydrothermal carbonization

## **Biography**

Professor Lam holds a PhD in Chemical Engineering from Cambridge University and is currently a Professor and Deputy Director of International Centre of Universiti Malaysia Terengganu. He serves as Editor of Environmental Pollution and Associate Editor for Reviews of Environmental Contamination and Toxicology, Environmental Advances, Environmental Geochemistry and Health, Frontiers in Energy Research, and Energy & Environment. He leads a research group working mainly on Chemical & Environmental Engineering, focusing on Waste and Biomass Utilization, Waste and Wastewater Treatment, Green Technology, and Pollution Mitigation. He is active in research on the application of thermochemical processes such as pyrolysis and microwave heating in transforming waste and biomass into green energy and products applicable to industry and environmental protection. He has secured 30 research grants, file patent and commercialize inventions from his research team, and publishing over 300 articles in journals, some of which are published in journals such as Lancet, Nature, Science, and Progress in Energy and Combustion Science, and Renewable and Sustainable Energy Reviews.