

Head of Energy and Environment Unit

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INTEREST:

• Biochemistry, catalysis, energy and environment, sustainable development, climate change, circular economy

EDUCATION:

• PhD Chemistry, National University of Singapore (NUS)

AREA OF RESEARCH:

- First, second and third generation biofuels
- Biorefinery (resource diversification, optimisation and process integration)

AREA OF EXPERTISE:

• Bioenergy from oil palm biomass, biogas capture and utilization from palm oil mill effluent, zero discharge, bioorganic fertilizers from spent bleaching earth, biochar, food-grade lubricants