



Dr. Sirintornthep Towprayoon
Associate Professor
The Joint Graduate School of Energy and Environment
Center of Excellence on Energy Technology and Environment
King Mongkut's University of Technology Thonburi,
126 Pracha-uthit Rd., Bangmod, Tungkru, Bangkok 10140, Thailand.
Tel: (662)470-8309 ext 4101 Fax: (662)427-9623
e-mail:sirin@jgsee.kmutt.ac.th

Dr. Sirintornthep obtained her PhD in Agriculture Food Science and Technology from Kyushu University, Japan.

She is recently the Associate Professor at the Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi. The school itself is also the center of excellence on Energy Technology and Environment involved with five leading universities in Thailand since 1998 to produce research based graduates in Energy and Environment.

Dr. Towprayoon has more than 50 papers in international peer review journal. Her interest is focused on GHG inventory and their mitigation technologies particularly on methane emission from paddy field and landfill, bioenergy conversion of municipal solid waste including low carbon city. She has developed 9 steps of low carbon city approach encompassed of waste to energy to help municipalities move toward zero waste approach. She was the lead authors in 2006 IPCC guideline for National GHG Inventory include 2019 refinement methodology to 2006 IPCC guideline. She has, several years, served UNFCCC as the lead reviewer of GHGI annual review of Annex I countries.

Dr. Towprayoon's current interests focus on holistic approach of sustainable solid waste management and strategies to drive modern waste technologies and policy towards waste to energy and zero waste management.