

Dr. KomsilpWangyao

Education Background

Level	Name of school	Major
Post-Doctoral	National Institute for Environmental Studies, Japan	Final Disposal Engineering
Doctoral's degree	The Joint Graduate School of Energy and Environment, King Mongkut's University of Technology Thonburi, Thailand	Environmental Technology
Master's degree	Chulalongkorn University, Thailand	Survey Engineering
Bachelor's degree	Kasetsart University, Thailand	Civil Engineering

Work Experiences

December 2010 –Present:

Research Associate: The Joint Graduate School of Energy and Environment, King Mongkut's University of Technology Thonburi, Thailand.

Research works including:

- Landfill gas emission and utilization
- Waste management and final disposal engineering
- GHGs emission in waste sector
- MRV in waste sector (funded by Thailand Research Fund)
- Disaster waste management

October 2007 – March 2010:

Assistant fellow to Post-doctoral fellow: Research member of Asian municipal solid waste at Recycling and Disposal Engineering Section, Research Center for Material Cycles and Waste Management, National Institute for Environmental Studies, Japan

Research works including:

- Landfill gas generation modeling
- Applying of semi-aerobic landfill type for Asian countries
- Leachate contamination investigation by geo-science method
- Development of landfill methane emission measurement
- CDM from semi-aerobic landfill operation

March, 2006 – August, 2007: Construction manager, technical and engineering manager and project manager: General Engineering Public Company Limited, Thailand

May, 1997 – June, 2005 : Civil engineer to project engineer: works including construction supervision, structural analysis and design, construction survey, land survey, sanitary landfill - design and operation, landfill gas to energy - design and operation, anaerobic digestion - design and operation, construction management and cost estimation for Pairojsompongpanith Ltd., Part.

CDM Experiences (Biogas utilization and Composting Projects:

Sector expert and technical reviewer:

- Bangkok KamphaengSaen East: Landfill Gas to Electricity Project
- Bangkok KamphaengSaen West: Landfill Gas to Electricity Project

Technical reviewer:

- EstrePedreira Landfill Gas Project
- Bundled Waste Processing Facilities in India (UNFCCC Ref 3248)
- Upgradation and expansion of A.P.M.C compost plant at Tikri, Delhi
- Proactiva CGA Iperó Landfill Gas to Energy Project