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Education:

- 2008 Ph.D. (Environmental Engineering and Management), Asian Institute of Technology, Thailand
- 2001 M.Sc. (Environmental Sanitation), Mahidol University, Thailand
- 1997 B.Sc. (Public Health), Mahidol University, Thailand

Present Employment:

Head department, Environmental Health Science Department, Faculty of Public Health, Mahidol University.

Research Interests and Field of Specialization:

1. Solid Waste Management
2. Environmental and Health Impact Assessment
3. Water and Wastewater Management

Publication lists:

1. Charoen-akson P, Silapanuntakul S, Patthanaissaranukool W, **Prechthai T**. Degradation of Fat Oil and Grease with *Pheretima peguana* or *Eisenia foetida* Earthworms in a Vermicomposting Process. *Journal of Health*. 2015 (Special Issue). 77-89. (in thai)
2. Rawichayasub W, **Prechthai T**, Sihabut S, Kanokkantapong V. Management of Fat Oil and Grease by Cocomposting Process with Night Soil and Sawdust. *Journal of Health*. 2015 (Special Issue). 117-126. (in thai)
3. Wongsakoonkan W, **Prechthai T**, Tantrakarnapa K. Suitable Types and Constituent Ratios for Clay-Pot Water Filters to Improve the Physical and Bacteriological Quality of Drinking Water. *Environment Asia*. 2014; 7(2). 117-23.
4. **Prechthai T**, Niyoomtoon I, Singhakant C, Wongsirikul D, Tantrakanapa K, Sihabut T. (2010). A Survey of BTEX Concentrations in selected Automotive Paint Shops and their Vicinities in Thailand. *J. Public Health*. 40(1), 65-75.

5. **Prechthai T**, Padmasri M, Visvanathan C. Quality assessment of mined MSW from an open dumpsite for recycling potential. *Resources Conservation and Recycling* 2008; 53: 70–78.
6. **Prechthai T**, Parkpian P, Visvanathan C. Assessment of heavy metal contamination and its mobilization from municipal solid waste open dumping site, *Journal of Hazardous Material* 2008; 156: 86-94.
7. Thonghaeng P, Singhakant C, Tantrakarnapa K, **Prechthai T**. Removal Efficiency of Cd and Cr by Kaolinite and Coconut Shell Charcoal Ceramic Filter. *Proceedings on the Burapha University International Conference 2014*. Dusit Thani, Pattaya, Thailand. July 3-4, 2014.
8. Silaparassamee O, Tantrakarnapa K, Sihabut T, **Prechthai T**. (2014) Feasibility of co-composting process of scum and night soil sludge in FOG management . *Proceedings on the Burapha University International Conference 2014*. Dusit Thani, Pattaya, Thailand. July 3-4, 2014.
9. Nubsang H, Sihabut T, **Prechthai T**. (2014). Heavy metals in safety vegetables in supermarkets in Bangkok, *Proceedings on the Burapha University International Conference 2014*. Dusit Thani, Pattaya, Thailand. July 3-4, 2014
10. **Prechthai T**, Visvanathan C, Cheimchaisri C. RDF Production potential of municipal solid waste. *Proceeding of the 2th Joint International Conference on “Sustainable Energy and Environment (SEE2006)”*; 2006 21-23 Nov; Bangkok, the Joint Graduate School of Energy and Environment; 2006, 885-89.