

AWEewan MANGMEECHAI PANYAGOMETH

International College of National Institute of Development Administration
118 Seri thai Road, Klong-Chan, Bangkok, Thailand 10240, Thailand
Phone: +66 2727 3003 +66 92259 4262 Fax +66 2375 2488
Email: maweewan@gmail.com, aweewan.m@nida.ac.th

EDUCATION

- 2005-2009 **Carnegie Mellon University, Pittsburgh, PA, USA**
Joint Ph.D.
Engineering and Public Policy
Environmental Science and Management
- 2005-2007 **Carnegie Mellon University, Pittsburgh, PA, USA**
Master of Science
Civil and Environmental Engineering
- 2002-2004 **Chulalongkorn University, Bangkok, Thailand**
Master of Science
National Research Center for Environmental and Hazardous Waste
Management (International Program)
- 1998-2002 **Mahidol University, Bangkok, Thailand**
Bachelor of Science
Environment and Resource Studies

EXPERIENCES

- 2019-Present **Vice Dean for Vice Dean for Administration and Research**
International College, National Institute of Development Administration Bangkok,
Thailand
- 2013- Present **Deputy Director of Global Warming Research Center**
National Institute of Development Administration Bangkok, Thailand
- 2017- Present **Associate professor since June 2017**
International College of the National Institute of Development Administration
Bangkok, Thailand
- 2014 - 2017 **Assistant professor since January 2014**
International College of the National Institute of Development Administration
Bangkok, Thailand
- 2012- 2014 **Lecturer**
International College of the National Institute of Development Administration
Bangkok, Thailand

2009-2012	Lecturer Political Science, Ramkhamhaeng University Bangkok, Thailand
2009- 2012	Committee on Policy and Planning Political Science, Ramkhamhaeng University
2010-2012	Committee on Environmental Petition Group under the Senate Committee on Environment Thai Parliament
2010-2012	Committee members on risk management Political Science, Ramkhamhaeng University
2010-2012	Committee on Public and Private Management Innovation Center Political Science, Ramkhamhaeng University
2011-2012	Deputy Secretary General Faculty Senate, Ramkhamhaeng University
2012-2012	Vice-president of Ramkhamhaeng Poll Political Science, Ramkhamhaeng University

RESEARCH PROJECTS

2021-Present	University to Tambol: Project leader for developing local products (OTOPs)
2020-2021	Fundamental knowledge to reduce risk in electric and electronic waste management: The trade-off between economic gain and environmental loss applying life-cycle assessment method
2018-2020	The Development of an Integrated Tourism Satellite Account (TSA) and System Environmental-Economic Account (SEEA) for Tourism: A case of cultural heritage tourism development zone in Thailand
2016-2018	Developing EIO-LCA in Thailand (METEC) Researcher
2016-2018	Factors the influence international students to study in Thailand Project leader
2015-2018	Policy Analysis for End-of-life Vehicle Management in Thailand Project leader
2014-2016	Developing Economic Input-output Life cycle assessment (EIO-LCA) in Thailand Project leader
2014-2016	Life cycle assessment of automobile to improve energy efficiency and greenhouse gas reduction in accordance with 20-year energy conservation plan Researcher
2013-2014	Performance analysis of the Non-profit organization in Thailand co-research project with University of Economic Bratislava, Slovakia

- 2012-2015 Policy Analysis on Rubber Plantation Policy Phase 3: Carbon Footprint, Water Footprint, and Carbon Credits Analysis, Granted by National Research Council
Sub-Project leader
- 2012-2015 Policy Analysis: End-of-life tires Management Program, in Thailand Granted by National Research Council
Sub-Project leader
- 2010-2011 Policy Analysis on Bio-ethanol Policy: Water Footprint Analysis for Sustainable Bio-ethanol Production in Thailand, Granted by Thailand Research Fund
Project leader

PUBLICATIONS

- 2021 Wang, H., Li, J., Mangmeechai, A., Su, J., 2021. Linking perceived policy effectiveness and pro-environmental behavior: The influence of attitude, implementation intention, and knowledge, *International Journal of Environmental Research and Public Health*, 18, 2910.
<https://www.mdpi.com/1660-4601/18/6/2910>
- 2021 Zhao, R. and Panyagometh, A., 2021. Chinese Governance Model of the New Rural Elite in Yongchuan, Chongqing: A Case of Confucianism-law Conflict. *Journal of MCU Peace Studies*. 9(8).
- 2021 Wang, H., and Mangmeechai, A. 2021, Understanding the Gap between Environmental Intention and Pro-Environmental Behavior towards the Waste Sorting and Management Policy of China, *International Journal of Environmental Research and Public Health*, 18, 757.
<https://doi.org/10.3390/ijerph18020757>
- 2021 Siriprasertchok, A and Panyagometh, A., 2021, Thai Durian Supply Chain Characteristics, Performance Indicators, and Analytic Hierarchy Process Burapha Journal of Business Management, Burapha University, 9 (2),117
- 2020 Mangmeechai, A., 2020, Life-cycle greenhouse gas and value chain of end-of-life vehicle management in Thailand, *Clean Technologies and Environmental Policy*,
<https://doi.org/10.1007/s10098-020-01953-5>
- 2020 Mangmeechai, A., 2020, Effects of rubber plantation policy on water resources and landuse change in the Northeastern region of Thailand, *Geography, Environment, Sustainability*, 13(2), 73-83
- 2019 Mangmeechai, A. and Jirapornvaree, I., 2019, Factors Influencing ASEAN and international Students of Higher Education Programs in Thailand, *Asian Social Science*, 15(9), 67-81.
- 2018 Mangmeechai, A. and Yuan, A., 2018, The influencing factors of customer purchase intention of new energy vehicles in China, *Interdisciplinary Environmental Studies*, 13, 1-2.
- 2017 Mangmeechai, A., 2017, The environmental life-cycle assessment of agricultural sector in Thailand: EIO-LCA approach, *Management of Environmental Quality*, 26, 47-56.
- 2017 Mangmeechai, A., 2017, Moving towards sustainable end-of-life tire management from the cost and environmental perspectives: a case study of Thailand, *International Journal of Technology Policy and Management*, 17(1), 77-93.

- 2016 Mangmeechai, A., and Caplanova, A. 2016, Financing the cost of death (The role of cremation welfare associations in Thailand), *International Journal of Interdisciplinary Social and Community Studies*, 11 (3), 39- 48.
- 2016 Mangmeechai, A, and Panyagometh, K., 2016, Willingness-to-pay on the new vehicle excise tax: How it will affect the Thai automobile market, *International Journal of Business and Management Science*, 6(1), 85-99.
- 2016 Mangmeechai, A. 2016, An economic input-output life cycle assessment of food transportation in Thailand, *International Journal of Environmental Studies*, 73(5), 778-790.
- 2015 Mangmeechai, A., 2015, Cremation Welfare Association in Thailand, *The International Journal of Applied Business and Economic Research*, 13(4), 1883-1894.
- 2014 Mangmeechai, A., 2014, The Analysis of the Potential for Implementing Clean Development Mechanism through Clean Energy Policy for the Energy and Transportation Sectors of Thailand, *International Journal of Technology, Policy and Management*, 14(3), 220-231.
- 2013 Mangmeechai, A., Jaramillo, P., Griffin, W. M., Matthews, H. S., 2013, Life Cycle Consumptive Water Use for Oil Shale Development and Implications for Water Supply in the Colorado River Basin, *International Journal of Life Cycle Assessment*, DOI: 10.1007/s11367-013-0651-8.
- 2013 Mangmeechai, A., Pavasant, P., 2013, Water Footprints of Cassava- and Molasses-Based Ethanol Production in Thailand, *Natural Resources Research*, 22(4).
- 2013 Mangmeechai, A., 2013, Agricultural products for sustainable plantations in Thailand with trade-linked analysis, *Environment, Development, and Sustainability*, DOI 10.1007/s10668-013-9509-2
- 2006 Taha, F. M., Mangmeechai, A., Chaiwatpongsakorn, C., Pavasant, P., Trihalomethanes Formation Potential of Shrimp Farm Effluents, *Journal of Hazardous Materials* 136, 151-163.
- 2004 Mangmeechai, A., Taha, F. M., Pavasant, P., Trihalomethanes Formation Potential of Shrimp Farm Effluents in Chachoengsao Province, Thailand, 2004, *Songklanakarin Journal of Science and Technology* 26 (Suppl. 1), 185-198.

BOOKS /DOCUMENTS

- 2016 Mangmeechai, A., *Methods in Policy Analysis with cases on government policies related to social and environmental issues*. 2016. Danex Inter corporation Company ISBN 978-616-429-632-9, Bangkok, 10210
- 2016 Mangmeechai, A., *Policy Analysis*. 2015. Chulalongkorn University Printing House [5810-068(2/1)] Phyathai, Pathumwan, Bangkok, 10330
- 2012 Mangmeechai, A., *Seminar in Government's Role in Natural Resource and Environmental Management*. 2012. ISBN 978-616-513-989-2
- 2012 Editor of *Technology Needs Assessment and Technology Action Plan Reports for Climate Change Adaptation for Thailand*. 2012. Submitted to UNEP
- 2012 Editor of *Technology Needs Assessment and Technology Action Plan Reports for Climate Change Mitigation for Thailand*. 2012. Submitted to UNEP