

Curriculum Vitae

Miss Tarinee Buadit

Personal Information:

Name: Tarinee Buadit
Date of Birth: January 17, 1988
Age: 35
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Educational Background:

Year	Level	Institution	Major	GPA	Thesis
2006-2009	Bachelor Degree	Faculty of Environment and Resource studies, Mahidol University	B.Sc. (Environment Science and Technology)	3.44 (Second Class Honor)	Degradation of PAHs by Mixed Cultures
2010-2013	Master Degree	Faculty of Environment and Resource studies, Mahidol University	M.Sc. (Appropriate Technology for Resources and Environmental Development)	4.00 (Dean's list)	Estimation Method for Greenhouse Gas Emission from Wastewater Treatment System at Mahidol University, Salaya
2017-2023	Doctoral Degree	Faculty of Environment and Resource studies, Mahidol University	Ph.D. (Environment and Resource Studies (International Program))	S	Enhancement of Green productivity for Sustainable Supply Chain Management of Tire Industry in Thailand by Value Chain Analysis

Scholarship:

- 2010 The 60th year supreme reign of His Majesty King Bhumibol Adulyadej Scholarship granted by the Faculty of Graduate Studies, Mahidol University
- 2017 Thailand Graduate Institute of Science and Technology (TGIST) Scholarship granted by the National Science and Technology Development Agency (NSTDA)
- 2019 Scholarships for Postgraduate Student Mobility Program 2019 granted by the International Relations Division, Office of the President, Mahidol University

Internship:

- 2019 Institution: Environmental Systems Analysis Laboratory, Graduate Institute of Environmental Engineering, Nation Taiwan University
Period: 1 May -31 July 2019 (3 Months)

Award and Distinction:

- 2015 The Dean's List Award (Academic Year 2013) from the Faculty of Graduate Studies, Mahidol University

Working Experience:

- 2012 - 2014 Faculty of Environment and Resource Studies, Mahidol University
Position: Teacher Assistant/Research Assistant
- 2014 - 2021 ASEAN Institute for Health Development, Mahidol University
Position: Research Assistant

Period	Position	Project	Institution
August 2013 - August 2014	Research Assistant	Socio-economic and Health Status Evaluation for the Tourism Development in Western Part of Thailand Towards the Capability of Dawei Special Economic Zone	Faculty of Environment and Resource Studies, Mahidol University

Period	Position	Project	Institution
August 2014 - August 2015	Research Assistant	Eco-efficiency Best Practice of Sugar Cane Production Industry for Sustainable Development by Benchmarking	ASEAN Institute for Health Development, Mahidol University
December 2014 - December 2015	Research Assistant	Direction Determination of Economic Crop Plantation in the Southern of Thailand toward Sustainable Development by Eco-efficiency with Ecological Footprint	ASEAN Institute for Health Development, Mahidol University
January 2016 - December 2016	Research Assistant	Enhancement of Green Productivity for Sustainable Supply Chain Management of Dairy Cooperatives in the Central of Thailand by Value Chain Analysis	ASEAN Institute for Health Development, Mahidol University
June 2016 - June 2017	Research Assistant	Study of approach for enhancing urban development to sustainable city with participation: a case study for Salaya city, Nakhon Pathom	ASEAN Institute for Health Development, Mahidol University
June 2017- May 2018	Research Assistant	Enhancement of Green Productivity for Sustainable Supply Chain Management of Tire Industry in Thailand by Value Chain Analysis	ASEAN Institute for Health Development, Mahidol University
June 2017 - May 2018	Research Assistant	Option of Sustainable Food Waste Management for Large Fresh Markets of Thailand	ASEAN Institute for Health Development, Mahidol University
December 2018 - December 2019	Research Assistant	Appropriate Model for Plastic Waste Management in Coastal Province toward Stakeholder integration and Sustainability: Case Study of Trang Province	ASEAN Institute for Health Development, Mahidol University

Period	Position	Project	Institution
September 2020 - October 2021	Research Assistant	Sustainable Supply Chain Management of the Tyre Industry in Thailand by Enhancing Green Productivity with Value Chain Analysis	ASEAN Institute for Health Development, Mahidol University

Publications:

1. International Publication

Tarinee Buadit, Sayam Aroonsrimorakot, Kampanad Bhaktikul and Patana Thavipoke. Biogas Production and Greenhouse Gases Reduction from Wastewater at Mahidol University, Salaya campus, Thailand. SciVerse ScienceDirect APCBEE Procedia, 2013, Vol 5, pp.169-174.

Sayam Aroonsrimorakot, Chumporn Yuwaree, Chumlong Arunlertaree, Rungjarus Hutajareorn, **Tarinee Buadit**. Carbon Footprint of Faculty of Environment and Resource Studies, Mahidol University, Salaya Campus, Thailand. SciVerse ScienceDirect APCBEE Procedia, 2013, Vol 5, pp.175-180.

Tarinee Buadit, Cheerawit Rattanapan, Achara Ussawarujikulchai, Krisda Suchiva, Seksan Papong, and Hwong-Wen Ma. Life Cycle Assessment of Material Recovery from Pyrolysis Process of End-of-Life Tires in Thailand. International Journal of Environmental Science and Development, 2020, vol. 11, no. 10, pp. 488-498.

Tarinee Buadit, Achara Ussawarujikulchai, Krisda Suchiva, Seksan Papong, Hwong-wen Ma, and Cheerawit Rattanapan, Environmental impact of passenger car tire supply chain in Thailand using the life cycle assessment method. Sustainable Production and Consumption, 2023, Volume 37, pp. 156-168. [Q1, Top10]

Tarinee Buadit, Achara Ussawarujikulchai, Krisda Suchiva, Seksan Papong, and Cheerawit Rattanapan, Green productivity and value chain analysis to enhance sustainability throughout the passenger car tire supply chain in Thailand. Journal of Open Innovation: Technology, Market, and Complexity, 2023, 9(3), 100108. [Q1]

2. National Publication

Sayam Aroonsrimorakot, Chumporn Yuwaree, Chumlong Arunlertaree, Rungjarus Hutajareorn and **Tarinee Buadit**. Carbon Footprint of Central Canteen of Mahidol University Salaya Campus, Thailand. Journal of Agr. Research & Extension, Office of Agricultural Research and Extension, Maejo University, 2013, Vol 30 No.3 (Suppl.), pp.49-55.

Proceedings:

Tarinee Buadit, Sayam Aroonsrimorakot, Kampanad Bhaktikul and Patana Thavipoke. The comparison on greenhouse gases generation form oxidation pond and extended aeration activated sludge wastewater treatment plant of Mahidol University, Salaya Campus. The 9th Kasetsart University Kamphaeng Saen Campus Conference: Engineering, Science Technology and Environment, 6-7 December 2012, pp. 324-332

Sayam Aroonsrimorakot, Chumporn Yuwaree, Chumlong Arunlertaree, Rungjarus Hutajareorn and **Tarinee Buadit**. Carbon Footprint of Dormitories at Mahidol University, Salaya Campus, Thailand. The 3rd International Congress of Interdisciplinary Research and Development, 30-31 May 2013, pp. 9.1-9.5

Sayam Aroonsrimorakot and **Tarinee Buadit**. Carbon Footprint of Honda Automobile (Thailand) Co.,Ltd.(Sales & Service). The 3rd International Congress of Interdisciplinary Research and Development, 30-31 May 2013, pp. 71.1

Sayam Aroonsrimorakot, Thititorn Boonrueng, Penphan Pongsayan, and **Tarinee Buadit**. Industrial Hygiene Evaluation of Oil Rig Module Construction Associated with Chemical Utilization and Work Practices. The 4th International Congress on Interdisciplinary Research and Development, 30 - 31 May 2014, pp.111.1

Cheerawit Rattanapan, Thunwadee Suksaroj, Weerawat Ounsaneha, and **Tarinee Buadit**. Greenhouse Gas Emission of Sugar Mill Process in Thailand. The Fifth Annual Asian Conference on Sustainability, Energy and the Environment (ACSEE2015), 11 – 14 June 2015, Art Center of Kobe, Kobe, Japan.

Weerawat Ounsaneha, Thunwadee Suksaroj, **Tarinee Buadit**, and Cheerawit Rattanapan. Carbon Footprint of Rubber Plantation in the Southern Part of Thailand. Proceedings of 24th ISERD International Conference, Seoul, South Korea, 13th January 2016, ISBN: 978-93-82702-10-8, pp. 29-32

Weerawat Ounsaneha, **Tarinee Buadit**, and Cheerawit Rattanapan. Clean Technology for a Sugar Cane Industry in Thailand. International Conference on Engineering and Natural Science – Summer Session, Kyoto, Japan, 12-14 July 2016.

Cheerawit Rattanapan, Weerawat Ounsaneha, Thunwadee Suksaroj, and **Tarinee Buadit** Green Productivity of Dairy Farms in the Central of Thailand. International Conference on Engineering and Natural Science – Summer Session, Kyoto, Japan, 12-14 July 2016.

Weerawat Ounsaneha, **Tarinee Buadit**, and Cheerawit Rattanapan. Assessment of human health impact based on life cycle assessment: A case study of Thai retread tire. IOP Conference Series: Materials Science and Engineering, 2020, vol.773. no.1. International Conference on Materials Research and Innovation, Bangkok, 16-18 December, 2019.