

# Thanicha Ruangmas

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APPOINTMENT	2019-Present	<b>Assistant Clinical Professor</b> Sustainability Analytics Stream The First-Year Innovation & Research Experience (FIRE) University of Maryland, College Park
EDUCATION	2018 2011	Ph.D. in Agricultural and Applied Economics, UW-Madison B.A. in Economics, Chulalongkorn University
PUBLICATIONS	<b>Ruangmas, T.</b> & Olson, L. J. 2024. FIRE Sustainability Analytics: An Innovative Approach to Engaging Undergraduate Students in Economics Research. <i>Applied Economics Teaching Resources</i> , 6 <a href="#">[LINK]</a>  Grainger, C. & <b>Ruangmas, T.</b> 2018. Who Wins from Emissions Trading? Evidence from California. <i>Environmental and Resource Economics</i> , 71(3), 703-727 <a href="#">[LINK]</a>	
SELECTED WORKS IN PROGRESS	(* indicates undergraduate students) Fostering Data Literacy through Paper Replication & Reproducible Workflows <a href="#">[LINK]</a>  Do Light Rails Provide the Track to Cleaner Air? <i>with Thomas, L.*</i> , <i>Yancey, R.*</i> , <i>Zhang, G.*</i>  Intertemporal Management of Agricultural Pests and Diseases: Theory and Application <i>with Olson, L. J.</i>	
TECHNICAL REPORTS	<b>Ruangmas, T.</b> (2022) <i>How to Run HYSPLIT and Calculate Affected Population with R.</i> <a href="#">[LINK]</a>  Chapman, J.*, Kothari, S.*, Lazarus-Hall, A.*, Olson, L.J., Relan, M.* & <b>Ruangmas, T.</b> (2020) <i>Using Online Data to Identify Farms Selling Poultry and Eggs in Delaware, Maryland, and Virginia.</i> FIRE-USDA APHIS Report  <b>Ruangmas, T.</b> (2015). <i>Decomposition of SO<sub>2</sub> and NO<sub>x</sub> Emissions in the EU: Leakage or Technology Adoption?</i> . IIASA YSSP Proceedings <a href="#">[LINK]</a>	

PRESENTATIONS	<b>Ruangmas, T.</b> (2024, June 25). <i>Fostering Data Literacy through Paper Replication &amp; Reproducible Workflows</i> ConnectUR Conference 2024, College Park, Maryland	
	<b>Ruangmas, T.</b> (2024, May 31). <i>Fostering Data Literacy through Paper Replication &amp; Reproducible Workflows</i> CTREE Conference 2024, Atlanta, Georgia	
	<b>Ruangmas, T.</b> (2023, January 7). <i>Empirical Training for a Successful Course-Based Undergraduate Research Experience</i> [Poster Presentation]. ASSA 2023 Annual Meeting, New Orleans, Louisiana	
	Chapman, J.*, Kothari, S.*, Lazarus-Hall, A.*, Olson, L.J., Relan, M.* & <b>Ruangmas, T.</b> (2020, August 28) <i>Using Online Data to Identify Farms Selling Poultry and Eggs in Delaware, Maryland, and Virginia</i> . USDA-APHIS Virtual Science Webinar	
	<b>Ruangmas, T.</b> (2017) EAAERE Conference, Nanyang Technological University, Singapore	
	<b>Ruangmas, T.</b> (2017) IAEE Conference, National University of Singapore, Singapore	
	<b>Ruangmas, T.</b> (2016) EEPSEA Member Conference, Bangkok, Thailand	
AWARD	<b>Ruangmas, T.</b> (2016) ICTH Conference, San Jose State University, California	
	<b>Ruangmas, T.</b> (2016) AERUS Conference, University of Illinois Urbana-Champaign, Illinois	
	2022-2023	Faculty Mentor Award, Philip Merrill Presidential Scholars Program
	2021	USDA-APHIS Summer Grant (\$16k)
	2020	USDA-APHIS Summer Grant (\$15k)
	2016	Global Health Institute Research Award, UW-Madison (\$4k)
	2015	Economy and Environmental Program for Southeast Asia Grant (\$10k)
FELLOWSHIPS AND GRANTS	2014	Young Scientists Summer Program Fellow, IIASA
	2007-2011	Undergraduate Fellowship, Chulalongkorn University
	<i>University of Maryland, College Park</i>	
	2019-2024	FIRE120 FIRE Semester 1
	2019-2024	FIRE198 FIRE Semester 2 - Sustainability Analytics <a href="#">[SYLLABUS]</a>
	2022-2024	FIRE199 Summer Internship - Sustainability Analytics <a href="#">[SYLLABUS]</a>
	2020-2024	FIRE298 FIRE Semester 3 - Sustainability Analytics <a href="#">[SYLLABUS]</a>
TEACHING	<i>University of Wisconsin-Madison</i>	
	2015	AAE244 Environment and the Global Economy (TA)
	2012-2014	AAE343 Environmental Economics (TA)

SERVICE TO PROFESSION	2024	Referee for <i>Applied Economics Teaching Resource</i> Abstract Reviewer for <i>AERE-Southern Economic Association</i>
	2022	Peer Reviewer to U.S. Environmental Protection Agency Clean Air Markets Division's <i>Power Plant Environmental Justice</i> <i>Screening Methodology</i> <a href="#">[LINK]</a>
SERVICE TO UNIVERSITY		<i>University of Maryland, College Park</i>
	2021-Present	FIRE120 Committee
	2021-Present	FIRE Professional Development Committee
	2019-2021	FIRE Social Media Committee
	2019-2020	FIRE Summer Fellow Committee
		<i>University of Wisconsin-Madison</i>
	2016	Treasurer, Taylor-Hibbard Club
RESEARCH AND OTHER EMPLOYMENT	2015-2017	RA to Corbett Grainger
	2013	RA, Thailand Universities for Healthy Public Policies Institute
	2011-2012	Consultant, PricewaterhouseCoopers Thailand
SKILLS	Technical	R, Stata, Matlab, Mathematica, ArcGIS, L <sup>A</sup> T <sub>E</sub> X, Markdown
	Linguistic	Thai (native), English (fluent)