Thanicha Ruangmas

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APPOINTMENT	2019-Present	**Assistant Clinical Professor** 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

Ruangmas, T. & Olson, L. J. 2024. FIRE Sustainability Analytics: An Innovative Approach to Engaging Undergraduate Students in Economics Research. Forthcoming in *Applied Economics Teaching Resources*

Grainger, C. & **Ruangmas, T.** 2018. Who Wins from Emissions Trading? Evidence from California. *Environmental and Resource Economics, 71(3),* 703-727 https://doi.org/10.1007/s10640-017-0180-1

SELECTED WORKS IN PROGRESS

Intertemporal Management of Agricultural Pests and Diseases: Theory and Application *with Olson, L. J.*

Teaching Data Literacy with Reproducible Research Workflow Practices

Property Rights and Coordinated Use of a Large Scale Natural Resource: Evidence from Fisheries in Washington State *with Parker, D.*

TECHNICAL REPORTS

(* indicates undergraduate students)
Ruangmas, T. (2022) *How to Run HYSPLIT and Calculate Affected Population with R.* ruangmas.github.io/hysplit

Chapman, J.*, Kothari, S.*, Lazarus-Hall, A.*, Olson, L.J., Relan, M.* & **Ruangmas, T.** (2020) *Using Online Data to Identify Farms Selling Poultry and Eggs in Delaware, Maryland, and Virginia.* FIRE-USDA APHIS Report

Ruangmas, T. (2015). *Decomposition of SO_2 and NO_x Emissions in the EU: Leakage or Technology Adoption?.* IIASA YSSP Proceedings

PRESENTATIONS

Ruangmas, T. (Upcoming on 2024, May 31). *Teaching Data Literacy with Reproducible Research Workflow Practices* CTREE Conference 2024, Atlanta, Georgia

PRESENTATIONS	**Ruangmas, T.** (2023, January 7). *Empirical Training for a Successful Course-Based Undergraduate Research Experience* [Poster Presentation]. ASSA 2023 Annual Meeting, New Orleans, Louisiana	

Chapman, J.*, Kothari, S.*, Lazarus-Hall, A.*, Olson, L.J., Relan, M.* & **Ruangmas, T.** (2020, August 28) *Using Online Data to Identify Farms Selling Poultry and Eggs in Delaware, Maryland, and Virginia.* USDA-APHIS Virtual Science Webinar

Ruangmas, T. (2017) EAAERE Conference, Nanyang Technological University, Singapore

Ruangmas, T. (2017) IAEE Conference, National University of Singapore, Singapore

Ruangmas, T. (2016) EEPSEA Member Conference, Bangkok, Thailand

Ruangmas, T. (2016) ICTH Conference, San Jose State University, California

Ruangmas, T. (2016) AERUS Conference, University of Illinois Urbana-Champaign, Illinois

AWARD	2022-2023	Faculty Mentor Award, Philip Merrill Presidential Scholars Program
FELLOWSHIPS AND GRANTS	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)
	2014	Young Scientists Summer Program Fellow, IIASA
	2007-2011	Undergraduate Fellowship, Chulalongkorn University
TEACHING		*University of Maryland, College Park*
	2019-2024	FIRE120 FIRE Semester 1
	2019-2024	FIRE198 FIRE Semester 2 - Sustainability Analytics
	2022-2024	FIRE199 Summer Internship - Sustainability Analytics
	2020-2024	FIRE298 FIRE Semester 3 - Sustainability Analytics
		University of Wisconsin-Madison
	2015	AAE244 Environment and the Global Economy (TA)
	2012-2014	AAE343 Environmental Economics (TA)
SERVICE TO PROFESSION	2024	Referee for *Applied Economics Teaching Resources*
	2022	Peer Reviewer to *EPA's Power Plant Environmental Justice Screening Methodology* for the U.S. Environmental Protection Agency Clean Air Markets Division

SERVICE TO UNIVERSITY		*University of Maryland, College Park*
	2021-Present	FIRE120 Committee
	2021-Present	FIRE Professional Development Committee
	2019-2021	FIRE Social Media Committee
	2019-2020	FIRE Summer Fellow Committee
		University of Wisconsin-Madison
	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, LaTeX, Markdown
	Linguistic	Thai (native), English (fluent)

Last updated: March 15, 2024