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ASSOCIATE PROFESSOR

ABOUT ME

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PROFESSIONAL EXPERIENCE

- 03.2010 – Present: Associate Professor at the Department of Agricultural and Resource Economics, Faculty of Economics, Kasetsart University, Bangkok
- 01.2002 – 02.2010: Assistant Professor at the Department of Agricultural and Resource Economics, Faculty of Economics, Kasetsart University, Bangkok
- 01.1991-12. 2001: Lecturer at the Department of Agricultural and Resource Economics, Faculty of Economics, Kasetsart University, Bangkok, Thailand.
- 10.1990-12.1990: Research Associated, at Asian Institute of Technology working with Prof.Dr. H. Waibel. The work was to conduct, analyse and report the survey of Brown Plant Hopper Outbreak of rice farming in Central plain of Thailand.

EDUCATION

- 1996 Ph.D. (Agricultural Economics), The University of Hohenheim, Stuttgart, Germany. Dissertation topic: Economic and Environmental Implications of Wood Energy Resources -An Application of Farming and Rural Systems Approach in Northern Thailand
- 1990 M.Sc. (Agricultural Systems) in Agricultural Economics, Asian Institute of Technology (AIT), Bangkok, Thailand. Thesis topic: Economic and Environmental Implications of two Alternative Citrus Production Systems: A case study from Pathum Thani Province.
- 1986 B.Sc. (Agriculture), Kasetsart University, Bangkok, Thailand

INTENSIVE TRAINING

- 2011 Training course in “Economic Assessment Methods for Policy Support to Climate Change Adaptation in the Agricultural Sector in Thailand” by FAO and OAE, Bangkok, Thailand.
- 2006 Training course in Mathematical Programming Multi-Agent Systems, University of Hohenheim, Stuttgart, Germany,.
- 2001 Training course on Econometrics for Environmental Economics, held by EEPSEA at Hanoi, Vietnam
- 1999 Training course on Environmental Economics, held by EEPSEA at the University of Philippines Los Banos, Philippines

PUBLICATION

- 1996 PRANEETVATAKUL, S. (1996), “Economic and Environmental Implications of Wood Energy Resources -An Application of Farming and Rural Systems Approaches in Northern Thailand-“, In: Doppler, W. (Ed.) Farming Systems and Resource Economics in the Tropics, Wissenschaftsverlag Vauk Kiel KG, Germany.
- 1996 PRANEETVATAKUL, S. (1996), “Farming Systems and Farm Management in Thailand”, Kasetsart University Journal of Economics, Vol. 2 Jul-Dec. 1998, (in Thai).

PUBLICATION

- 1996 PRANEETVATAKUL, S. (1996), “Applying Farming and Regional Systems Approaches for Sustainable Wood Energy Resource Development: A case of Northern Thailand” Journal for Farming Systems Research-Extension, Vol. 6, Number 2, 1996, 55-67.
- 1996 PRANEETVATAKUL, S. (1996), “The View of Farmer in Problem Solving on Farming: A Case in Phayao Province, Northern Thailand”, Varasarn Setthasart Kaset (in Thai).
- 1999 PRANEETVATAKUL, S. (1999), “An Economic Evaluation of ACIAR Projects on Biological Control Research in Thailand”, Australian Centre for International Agricultural Research.
- 2000 PRANEETVATAKUL, S. (2000), “An Impact Assessment of the Livestock Research Projects in Thailand funded by ACIAR”, Australian Centre for International Agricultural Research.
- 2000 PRANEETVATAKUL, S. and A. Sattarasart. (2000), “Option for Reduction the Use of Chemical Pesticide: A Case Study of Farmer Field School”, A paper presented at the 38th academic conference of Kasetsart University, on 2-5 February 2000, Bangkok, Thailand (in Thai).
- 2001 PRANEETVATAKUL, S. (2001), IPM Impact Assessment: Experience of Thailand, paper presented at the regional workshop held by FAO-EU IPM program for cotton in Asia on “IPM Impact Assessment Methods”, 25-31 March 2001, Ho Chi Minh City, Vietnam.

PUBLICATION

- 2001 PRANEETVATAKUL, S. and H. Waibel (2001), A Socio-Economic Analysis of Farmer's Drop-out from Training Programs in Integrated Pest Management, Paper presented in the workshop "Participatory Technonlogy Development and Local Knowledge for Sustainable Land Use in Southeast Asia" 6-7 June 2001, Chiang Mai, Thailand.
- 2001 PRANEETVATAKUL, S. and et al. (2001), "Assessing the Sustainability of Agriculture: A Case of Mae Chaem Catchment, Northern Thailand", Environment International, ELSEVIER vol. 27 (2001) pp. 1-7.
- 2002 PRANEETVATAKUL, S. and H. Waibel (2002), A socio-economic analysis of Farmer Field Schools (FFS) implemented by the National Program on Integrated Pest Management in Thailand, paper presented at the CYMMIT impact assessment conference, 4-7 Febraury 2002, San Jose, Costa Rica.
- 2003 PRANEETVATAKUL, S. and H. Waibel (2003), Farm-Level Economic Analysis of Farmer Field Schools in Integrated Pest Management, a Poster Paper presented at the 25th International Conference of Agricultural Economics, 16-22 August 2003, Durban, South Africa.

PUBLICATION

- 2003 PRANEETVATAKUL, S. D. KUWATTANASIRI and H. WAIBEL (2003), The Productivity of Pesticide use in rice production of Thailand: A damage control approach. Thai Journal of Agricultural Economics. Thailand Vol 22 No 2 p 73-87.
- 2004 PRANEETVATAKUL, S. and H. Waibel (2004), Can the Impact of Farmer Field Schools be Sustained? An Application of the Difference in Difference Model in Rice IPM in Thailand. a Paper presented at the workshop on "Impact Assessment of Farmer Field Schools in IPM in Developing Countries, 21-24 July 2004, Garbsen, Hannover, Germany.
- 2004 PRANEETVATAKUL, S. (2004). Potential Use of Bio-Rodenticide in Rice Production in Thailand. Center for Applied Economic Research, Faculty of Economics, Kasetsart University. 44 pages.
- 2005 PRANEETVATAKUL, S. and H. Waibel (2005). Farm-Level Economic Analysis of Farmer Field Schools in Integrated Pest Management. Thai Journal of Agricultural Economics. Thailand Vol 23 No 2 p 49-66.
- 2006 PRANEETVATAKUL, S. and H. Waibel (2006), Impact Assessment of Farmer Field School using Panel data model, a Paper presented at the 26th International Conference of Agricultural Economics, 13-18 August 2006, Goal Coast, Australia.

PUBLICATION

- 2007 PRANEETVATAKUL, S., H. Waibel and L. Meenakanit (2007) Farmer Field Schools in Thailand: History, Economics and Policy. Pesticide Policy Project Publication Series Issue No. 12, The University of Hannover. Germany. 87 pages.
- 2007 PRANEETVATAKUL, S. and A. Sirijinda (2007) Sustainable Farming Systems Planning Using Goal Programming in Northern Thailand. In: Heidhues and et al (Eds.). Sustainable Land Use in Mountainous Regions of Southeast Asia Meeting the Challenges of Ecological, Socio-Economic and Cultural Diversity. Springer, 404 pages.
- 2007 PRANEETVATAKUL, S. and H. Waibel (2007), The Impact of Farmer Field Schools On Pesticide Use and Environment in Thailand. Schriften der Gesellschaft fuer Wirtschafts- und Sozialwissenschaften des Landbaues eV., Bd. 42: 261-268.
- 2008 PRANEETVATAKUL, S. and H. WAIBEL (2008): A panel Data Model for the Assessment of Farmer Field Schools in Thailand. In: OTSUKA, K. and K. KALIRAJAN. Agriculture in Developing Countries Technology Issues. SAGE. India.

PUBLICATION

- 2008 Schreinemachers, P., S. PRANEETVATAKUL, A. Sirijinda, T. Berger. 2008. Agricultural statistics of the Mae Sa watershed area, Thailand, 2006. The Uplands Program: Hohenheim University, Stuttgart & Kasetsart University, Bangkok. Available online: https://www.uni-hohenheim.de/sfb564_db/project_area_g1/g1_publications.php
- 2009 Schreinemachers, P., T. Berger, A. Sirijinda, S. PRANEETVATAKUL. 2009. The diffusion of greenhouse agriculture in northern Thailand: Combining econometrics and agent-based modeling. Canadian Journal of Agricultural Economics. Vol.57 No.4 December 2009 p.513-536.
- 2009 PRANEETVATAKUL, S. and P. Boonsin (2009). Agricultural Diversification and Vulnerability to Poverty in Buriram Province, Thailand. Paper presented at the DFG workshop on "Vulnerability to Poverty in Emerging Market Economies" 23-26 February, 2009, Hue, Vietnam.
- 2009 Udomwitid, S. and S. PRANEETVATAKUL. 2009. An Assessment of the Rice Production Function for Thailand. Kasetsart University Journal of Economics. 16 (1): 75-97. (in Thai)
- 2011 Khamwong, C. and Praneetvatakul, S. 2011. Impact of Climate Change on Agricultural Revenue and Adaptation Strategies of Farmers in Northeastern Thailand. Kasetsart Journal (Social Science) 32 : 214-228.

PUBLICATION

- 2013 Praneetvatakul, S., P. Schreinemachers, P. Pananurak and P. Tipraqsa. 2013. Pesticides, external costs and policy options for Thai agriculture. *Environmental Science & Policy*, vol. 27, 103-113
- 2013 Leitae, C., S. Praneetvatakul, K. Vijitsrikamol, and N. Mungkung. 2013. Assessment of Vulnerability Index on Climate Variability in the East of Thailand, a poster-paper in the Conference on International Research on Food Security, Natural Resource Management and Rural Development, Tropetag, 17-19 September 2013, the University of Hohenheim, Germany.
- 2013 Praneetvatakul, S., T. Duc Phung and H. Waibel. 2013 Agricultural Diversification and Vulnerability to Poverty: A Comparison between Vietnam and Thailand. In Klasen, S. and H. Waibel. *Vulnerability to Poverty Theory, Measurement and Determinants, with Case Studies from Thailand and Vietnam*. Plagrave Macmillan, England.
- 2013 Leitae, C., S. Praneetvatakul, K. Vijitsrikamol, and N. Mungkung. 2013. Assessment of Vulnerability Index on Climate Variability in the East of Thailand, *Kasetsart Journal (Social Science)* 35: 432-446.

PUBLICATION

- 2015 Phung, T.D., B. Hardeweg, S. Praneetvatakul and H. Waibel. 2015. Non-Sampling Error and Data Quality: What Can We Learn from Surveys to Collect Data for Vulnerability Measurements?. *World Development* Vol. 71 pp. 25-35.
- 2015 Schreinemachers, P., V. Afari-Sefa, H. Chhun Hy, P. T M. Dung, S. Praneetvatakul, and S. Ramasamy. 2015. Safe and Sustainable Crop Protection in Southeast Asia: Status, Challenges and Policy Options. *Environmental Science and Policy*. 54 pp. 357-366.
- 2015 Praneetvatakul, S., P. Schreinemachers, and C. Leitae. 2015. Pesticide Risk Behavior and Knowledge of Chili and Tomato Farmers. *International Journal of Vegetable Science*. Online version DOI: 10.1080/19315260.2015.1044151
- 2016 Praneetvatakul, S., P. Schreinemachers, P. Tipraqsa and C. Chanjam. 2016. How much Do Farmers Care about Pesticide Externalities? A Choice Experiment among Thai Vegetable Farmers. A poster-paper presented at the International Conference on Research for Food Security, Natural Resource Management and Rural Development, Tropetag, 18-21 September 2016, Vienna, Austria.
- 2017 Praneetvatakul, S. and K. Vijitsrikamol. 2017. Transforming Thai Economy via Cassava Research. Paper presented at the 9th ASAE International Conference Transformation in Agricultural and Food Economy in Asia, January 11-13, 2017, Bangkok, Thailand.

PUBLICATION

- 2018 Praneetvatakul, S., P. Pananurak, K. Vijitsrikamol. 2018. Farm to Food Security: An Impact Evaluation of Tilapia Researches Under Thailand Research Fund, presented at the Conference on International Research on Food Security, Natural Resource Management and Rural Development, Tropentag 2018, September 17-19, Ghent, Belgium.
- 2020 Schreinemachers, P., C. Grovermann, S. Praneetvatakul, P. Heng, T.T.L. Nguyen, B. Buntong, N.T. Le and T. Pinn. 2020. How much is too much? Quantifying pesticide overuse in vegetable produceion in Southeast Asia. Journal of Cleaner Production. 224: 7 pp. <https://doi.org/10.1016/j.jclepro.2019.118738>.
- 2020 Waibel, H., U. Grote, S. Min, T. T. Nguyen, and S. Praneetvatakul. 2020. COVID-19 in the Greater Mekong Subregion: how resilient are rural households? Food Security. <https://doi.org/10.1007/s12571-020-01069-0>
- 2021 Learthlam, C., S. Praneetvatakul, I. Boonyasiri. 2021. Investment of rice farming households in Thailand and Vietnam. Kasetsart Journal of Social Sciences. 42 (2021) 1–8.

PUBLICATION

- 2021 Huy, H.D., S. Praneetvatakul, I. Bunyasiri and D. Pillot. 2021. Factors Affecting the Adoption of Agricultural Practices at Hoang Lien National Park, Lao Cai Province, Vietnam. Journal of the Austrian Society of Agricultural Economics. 17 (04): 473-484.
- 2022 Praneetvatakul S, Vijitsrikamol K and Schreinemachers P (2022) Ecolabeling to Improve Product Quality and Reduce Environmental Impact: A Choice Experiment With Vegetable Farmers in Thailand. Front. Sustain. Food Syst. 5:704233. doi: 10.3389/fsufs.2021.704233

CURRENT TEACHING COURSES

- Research Management and Impact Evaluation
- Economics for Sustainable Resources Management
- Quantitative Analysis for Resources Management
- Advanced Agricultural and Resouces Policy
- Research Methodolgy for Resource Management

FIELD OF INTEREST

- Impact Evaluation of Researches and Development Projects
- Economic Valuation of Natural Resources and Environment
- Economics for Sustainable Agriculture and Development