

YINGLUCK KANCHANAROEK, Ph.D.

Assistant professor in natural resource and environmental economics

College of Interdisciplinary studies, Thammasat University



Education

- Doctoral of Philosophy in Resource Management (Ecological economics), 2014: Leeds University, the United Kingdom (Doctoral fieldwork awards by EEPSEA/IDRC, Canada)
- Master of Science in Resource Management, 2002: Kasetsart University, Thailand (Thesis awards by Energy Policy and Planning Office, Ministry of Energy, and Royal Thai Government and Environmental Engineering Association of Thailand)
- Bachelor of Science in Environmental Science (honors), 1999: Thammasat University, Thailand

Researches and Publications (selected)

Meangbua, O., Kanchanaroek, Y.*, Kako, P., Rattanakaew, T. Rectifying agricultural waste in Thailand: Unveiling the economic impact of transitioning from open-burning to sustainable practices (under review)

Teanma J, Kanchanaroek Y*, Putkham A, Tanee T, Kanchak A, Kengchuwong M, Putkham AI, Chidburee P and Muangkot P. Cycles of renewal: Ecosystem regulation through shifting cultivation in Thai highlands. Asian J. Agric. Biol. 2026: e2025116. DOI: <https://doi.org/10.35495/ajab.2025.116>

Kanchanaroek, Y., Rattanakaew, T., Kako, P. Muengbua, O. Dounjun, W. Spatial-economic analysis of greenhouse gas emissions from agricultural residue burning in Thailand's rice, maize, and sugarcane cultivation areas. Sustain Environ Res 35, 23 (2025). <https://doi.org/10.1186/s42834-025-00261-1>

Kanchanaroek Y* and Engstrom, D.W. 2025. Development Policy Affects the Indigenous Group: The Case of the Karen Community, Ban Klang Village, Northern Thailand. World Development Perspectives (40), 100733, <https://doi.org/10.1016/j.wdp.2025.100733>.

Sun, Y., Du, H., Liu, B., Kanchanaroek, Y., Zhang, J., & Zhang, P.. 2022. Evolutionary Game Analysis for Grassland Degradation Management, Considering the Livelihood Differentiation of Herders. Land, 11(10), 1776. <https://doi.org/10.3390/land11101776>

Kanchanaroek, Y.. 2023. Enhancing the potential of organic agricultural production in Lampang province to meet standards and sustainably link to markets.

Kanchanaroek Y. 2023. Demand for organic agricultural products and the factors affecting consumer and restaurant entrepreneur preference towards their purchase in Lampang province.

Kanchanaroek Y, Muengbua O and Rattanakeaw T. 2023. Cost-Benefit Analysis of agricultural waste management methods: case study of Rice, Maize and Sugarcane. Thailand Research Fund. 304 Pages

Contact

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Research Interests:

- Natural resource management
- ecological economics
- Agricultural sustainability
- SDGs

Researches and Publications (cont.)

Kanchanaroek Y, Muengbua O and Rattanakeaw T.2023. Cost-Benefit Analysis of agricultural waste management methods.: case study of Rice, Maize and Sugarcane. Thailand Research Expo 2023. August 7 – 11 1, 2023 Bangkok, Thailand. Thailand Research Fund.

Kanchanaroek Y, Muengbua O and Rattanakeaw T.2023. Cost-Benefit Analysis of agricultural waste management methods.(Report)

Kanchanaroek Y.2022. Factors Influencing the Consumption of Organic Agricultural Product in Lampang Province. Sukhothai Thammathirat Open University Journal. 35(1).

Sun, Y., Du, H., Liu, B., Kanchanaroek, Y., Zhang, J., & Zhang, P..2022. Evolutionary Game Analysis for Grassland Degradation Management, Considering the Livelihood Differentiation of Herders. Land, 11(10), 1776. <https://doi.org/10.3390/land11101776>

Kanchanaroek Y.2022.Rethinking of Sustainable development goals in the upland areas of territorial claims: the case of Karen indigenous community in Thailand The 2nd Food Systems in Small Islands and Developing States (FSSIDS) Conference 7-10 September 2022.

Kanchanaroek, Y.. 2021.Sustainable development of high land agroecosystem management in the areas of overlapping territorial claims: the case study of Karen community in Baan Klang, Mae Mo district, Lampang province, Thailand

Kanchanaroek, Y.. 2020. Final evaluation and impact assessment of Where the Rain Falls project, Thailand (as National consultant) submitted to Care France.

Kanchanaroek, Y.. 2020. Demand for agricultural organic products and the factors affecting consumer and restaurant entrepreneur preference towards their purchase in Lampang province.

Kanchanaroek, Y. ; Aslam, U.. 2018. Policy schemes for the transition to sustainable agriculture—Farmer preferences and spatial heterogeneity in northern Thailand. In: Land Use Policy. 2018 ; Vol. 78. pp. 227-235 DOI: 10.1016/j.landusepol.2018.05.026

Kanchanaroek Y., Aslam U..2017 Assessing farmers' preferences to participate in agri-environment policies in Thailand. International Congress, August 28 – September 1, 2017 Parma, Italy. European Association of Agricultural Economists:IS 260888.UR: <https://ideas.repec.org/p/ags/eaee17/260888.html>

Kanchanaroek Y., Aslam U.. 2017. Enhancing sustainability in small-scale agricultural systems, Chahom district, Lampang province, Thailand.

Kanchanaroek Y, Termansen M., Touza, J., and Ansuategi, A.. 2015. Property rights allocation in inland fishery: a spatial agent based model analysis. Annual Conference of the European Association of Environmental and Resource Economists. Helsinki (Finland), 24-27 June 2015 [conference paper]

Kanchanaroek Y, Termansen M., Quinn C.2013. Property rights regimes in complex fishery management systems.10th International Conference of the European Society for Ecological Economics. Lille (France): 18-21 June 2013 [conference paper]

**Teaching
Experience
Lecturer,
[College of
Interdisciplinary
studies,
Thammasat
University] Key
Modules Taught:**

- Natural Resource Economics
- Ecological Economics and Green Economy
- Concepts and Theories of Sustainability
- Research Methods
- Ecosystem Services
- Social innovation and Entrepreneurship
- Environmental Challenges in the GMS
- Ecology and Environment

Researches and Publications (cont.)

Kanchanaroek Y, Termansen M., Quinn C.. 2013. Property rights regimes in complex fishery management systems: A choice experiment application. *Journal of Ecological Economics* 93 (0), pp.363-373. <https://doi.org/10.1016/j.ecolecon.2013.05.014>

Kanchanaroek Y, Termansen M.. 2011. Analysis of the allocation of fishing rights in the Tonle Sap wetland, Cambodia, the Environmental Economic Conference 2011 (5-6th September), Denmark

Kanchanroek Y, Analysis of the Allocation of Fishing Rights in the Tonle Sap Wetland, Cambodia. Report: Individual research project. Singapore: EEPSEA.

Maneepong T., Changpeak S., Krisnachuta S., Inchan D. and Kanchanaroek Y.. 2007. Brain-based learning approach: university level. Bangkok: Knowledge Network Institute of Thailand.

Kanchanroek Y. and Thepparp R.. 2007. Strategic evaluation of projects under Lampang City Municipality.

Kanchanroek Y. and Thepparp R.. 2007. People's Satisfaction toward the Services of Tambol Lomrad Municipality 2007 (compare with 2006).

Kanchanroek Y and Nippaya S. 2006. People's Satisfaction toward the Services of Tambol Lomrad's Municipality 2006.

Kanchanroek Y.. 2004. Feasibility Study of Bio diesel products by Jatropa Curcas, Chiangmai highland: Financial and Economic evaluations. (economic part)

Kanchanroek Y.. 2004. An Economic Assessment of the absorption chiller using thermal energy from rice husk for the Royal Chitralada Projects. (economic part)

Kanchanaroek Y.. 2003. An Economic Feasibility Study of Electricity Generation Using Cassava Rhizome. *Journal of Thai environment engineering* 17: 39 – 52.