



Napasintuwong Orachos

ASSISTANT PROFESSOR

ABOUT ME

Asst. Prof. Orachos Napasintuwong

Deputy Head of International Affairs

Department of Agricultural and Resource
Economics

Faculty of Economics

Kasetsart University

E-mail: orachos.n@ku.ac.th

EDUCATION

- Ph.D. (Food and Resource Economics), May 2004. University of Florida, USA.
- MBA (International Business and Marketing), May 1998. Louisiana State University, USA.
- B.Sc. (Biotechnology) Second Class Honors, March 1995, Mahidol University, Thailand.

PROFESSIONAL EXPERIENCE

Graz Schumpeter Centre, University of Graz, Austria. Research Fellow, April–June 2011.

International Agricultural Trade and Policy Center, Food and Resource Economics Department, University of Florida, USA. July 2004 - September 2005

AWARDS

- Beta Gamma Sigma-The International Business Honor Society
- Gamma Sigma Delta-The Honor Society of Agriculture
- Sigma Xi-The Scientific Research Honor Society
- Graduate Assistantship, Ph.D. program in Food and Resource Economics Department, University of Florida, 1998-2004.
- Honorable Mention for Outstanding Dissertation by Food and Resource Economics Department, University of Florida, 2004.
- Awards for Academic Achievement by an International Student (GPA 4.0), University of Florida, 1999-2003.

BOOKS

- Napasintuwong, O. (2019). Economic and policy analysis of agricultural biotechnology. Department of Agricultural and Resource Economics, Faculty of Economics, Kasetsart University. (in Thai)
- Napasintuwong O. (2019). PGI Hom Mali Thung Kula Rong-Hai Rice in Thailand. In: F. Arfini & V. Bellassen (Eds.), Sustainability of European Food Quality Schemes (pp. 87-109). Springer,
- Gracen, V.E., Kongsil, P., Napasintuwong, O., Duangjit, J. & Phumichai, C. (2018). The story of Kasetsart 50: The most important cassava variety in the world, Center for Agricultural Biotechnology, Kasetsart University, Bangkok/Kamphaeng Saen, Thailand.
- Xie, S., Napasintuwong Artachinda, O., Jun, Y., & Liu, H. (2014). Rice Policy Reviews in China, Thailand and Vietnam: Policy Instruments, Targets and Impacts. In S. Xu (Ed.), Proceedings of Selected Articles of 2013 World Agricultural Outlook Conference (pp. 117-134). Heidelberg: Springer.
- Napasintuwong, O. (2010). Important questions that plant breeders should not overlook in S. Isvalanonda, P. Pananurak, & S. Praneetvatakul (Eds.), Impact Assessment of Agricultural and Agroindustry Researches (pp. 69-93). Knowledge Network Institute of Thailand, Bangkok. (in Thai)

Napasintuwong, O. (2016). CARI-BRIA Exchange Visit on Rice Value Chain in Thailand. Report submitted to Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ) GmbH. April 2016.

PUBLICATIONS

- 2022 Junlek, P., Yinglap, O., Napasintuwong, O., & Poungsuk, P. (2022). The development of a training curriculum program on rice production for stakeholders. International Journal of Agricultural Technology, 18(6): 2435-2446. Retrieved from <http://www.ijat-aatsea.com>
- 2022 Petruang, N., & Napasintuwong, O. (2022). Economic sustainability of geographical indication indigenous rice: The case of Khao Sangyod Muang Phatthalung, Thailand. Asian Journal of Agriculture and Rural Development, 12(2): 104-112.
doi:10.55493/5005.v12i2.4467
- 2022 Napasintuwong, O. (2022). Maize seed production in Thailand: Costs, returns, and contract participation. Journal of Agricultural Science and Technology, 24(3): 505-520. Retrieved from <http://jast.modares.ac.ir/article-23-43779-en.html>
- 2022 Bellassen, V., Drut, M., Hilal, M., Bodini, A., Donati, M., de Labarre, M. D., Filipović, J., Gauvrit, L., Gil, J.M., Hoang, V., Malak-Rawlikowska, A., Mattas, K., Monier-Dilhan, S., Muller, P., Napasintuwong, O., Peerlings, J., Pomeon, T., Tomic Maksan, M., Torok, A., Veneziani, M., Vitterso, G., & Arfini, F. (2022). The economic, environmental and social performance of European certified food. Ecological Economics, 191 doi:10.1016/j.ecolecon.2021.107244

PUBLICATIONS

- 2021 Bellassen, V., Arfini, F., Antonioli, F., Bodini, A., Boehm, M., Brečić, R., Chiussi, S., Csillag, P., Donati, M., Dries, L., Drut, M., de Labarre, M. D., Ferrer, H., Filipović, J., Gauvrit, L., Gil, J. M., Gorton, M., Hoàng, V., Hilal, M., Steinnes, K. K., Lilavanichakul, A., Malak-Rawlikowska, A., Majewski, E., Monier-Dilhan, S., Muller, P., Napasintuwong, O., Nikolaou, K., Nguyen, M., Quỳnh, A. N., Papadopoulos, I., Peerlings, J., Török, A., Poméon, T., Ristic, B., Schaer, B., Stojanovic, Z., Tocco, B., Maksan, M. T., Veneziani, M., & Vittersø, G. (2021). Sustainability Performance of Certified and Non-certified Food. *Research Data Journal for the Humanities and Social Sciences*, 6(1), 1-22. doi:10.1163/24523666-bja10009
- 2021 Napasintuwong, O. (2021). R&D intensity and technological capacity in agriculture: A case of corn seed industry in Thailand. *Asian Biotechnology and Development Review*, 23(2): 5-31
- 2021 Donati, M., Wilkinson, A., Veneziani, M., Antonioli, F., Arfini, F., Bodini, A., Amilien, V., Csillag, P., Ferrer-Pérez, H., Gkatsikos, A., Gauvrit, L., Gil, C., Hoàng, V., Knutsen Steinnes, K., Lilavanichakul, A., Mattas, K., Napasintuwong, O., Nguyen, A., Nguyen, M., Papadopoulos, I., Ristic, B., Stojanovic, Z., Tomić Maksan, M., Török, Á., Tsakiridou, E., & Bellassen, V. (2021). Economic spill-over of food quality schemes on their territory. *Journal of Agricultural and Food Industrial Organization*, 19(2), 95-111. doi:10.1515/jafio-2019-0046
- 2021 Drut, M., Antonioli, F., Böhm, M., Brečić, R., Dries, L., Ferrer-López, H., Gauvrit, L., Hoàng, V., Steinnes, K.K., Lilavanichakul, A., Majewski, E., Napasintuwong, O., Nguyá, A., Mattas, K., Ristic, B., Schaer, B., Tangeland, T., Maksan, M.T., Csillag, P., Török, Á., Tsakiridou, E., Veneziani, M., Vittersø, G., & Bellassen, V. (2021). Foodmiles: The logistics of food chains applied to food quality schemes. *Journal of Agricultural and Food Industrial Organization*, 19(2), 127-143. doi:10.1515/jafio-2019-0040
- 2021 Hilal, M., Leedon, G., Duboys De Labarre, M., Antonioli, F., Boehm, M., Péter, C., Donati, M., Drut, M., Ferrer-López, H., Gauvrit, L., Gil, J.M., Gkatsikos, A., Gołaś, M., Hoang, V., Steinnes, K.K., Lilavanichakul, A., Malak-Rawlikowska, A., Mattas, K., Napasintuwong, O., Nguyen, A., Ristic, B., Schaer, B., Maksan, M.T., Brečić, R., Török, Á., Vittersø, G., & Bellassen, V. (2021). Organic and Geographical Indication Certifications' Contributions to Employment and Education. *Journal of Agricultural and Food Industrial Organization*, 19(2), 161-176. doi:10.1515/jafio-2019-0042
- 2021 Yinglap, O., Poungsuk, P., Junlek, P., & Napasintuwong, O. (2021). Monitoring and evaluation to develop preliminary rice cultivation curriculum of the school of rice and farmers, Rice Department, Ministry of Agriculture and Cooperatives, Thailand. *Psychology and Education*, 58(4): 1897-1901. Retrieved from

PUBLICATIONS

- 2021 Muller, P., Böhm, M., Csillag, P., Donati, M., Drut, M., Ferrer-Pérez, H., Gauvrit, L., Gil, J.M., Hoang, V., Malak-Rawlikowska, A., Mattas, K., Napasintuwong, O., Nguyen, A., Papadopoulos, I., Ristic, B., Stojanovic, Z., Török, A., Tsakiridou, E., Veneziani, M., & Bellassen, V. (2021). Are certified supply chains more socially sustainable? A bargaining power analysis. *Journal of Agricultural and Food Industrial Organization*, 19(2), 177–192. doi:10.1515/jafio-2019-0039
- 2021 Yinglap, O., Poungsuk, P., Junlek, P., & Napasintuwong, O. (2021). Monitoring and evaluation to develop preliminary rice cultivation curriculum of the school of rice and farmers, Rice Department, Ministry of Agriculture and Cooperatives, Thailand. *Psychology and Education*, 58(4): 1897-1901. Retrieved from <http://psychologyandeducation.net/pae/index.php/pae/article/view/4949>
- 2021 Monier-Dilhan, S., Poméon, T., Böhm, M., Brečić, R., Csillag, P., Donati, M., Ferrer-Pérez, H., Gauvrit, L., Gil, J.M., Hoàng, V., Lilavanichakul, A., Majewski, E., Malak-Rawlikowska, A., Mattas, K., Napasintuwong, O., Nguy N, A.Q., Nikolaou, K., Papadopoulos, I., Pascucci, S., Peerlings, J., Ristic, B., Steinnes, K., Stojanovic, Z., Tomic Maksan, M., Török, Á., Veneziani, M., Vittersø, G., & Bellassen, V. (2021). Do food quality schemes and net price premiums go together? *Journal of Agricultural and Food Industrial Organization*, 19(2), 79-97. doi:10.1515/jafio-2019- 0044
- 2020 Pham, D.V., & Napasintuwong, O. (2020). Genetically modified maize adoption in Southern Vietnam. *International Journal of Technological Learning, Innovation and Development*, 12(2), 114-135. doi: 10.1504/IJTLID.2020.10030481
- 2020 Napasintuwong, O. (2020). Thailand's maize seed market structure, conduct, performance. *Future of Food*, 8(2), 33-47. doi:10.17170/kobra-202003241098
- 2020 Lee, J.Y., Pavasopon, N., Napasintuwong, O., & Nayga, R.M. (2020). Consumers valuation of Geographical Indication-labeled food: The case of Hom Mali rice in Bangkok, *Asian Economic Journal*, 34(1), 79-96. doi:10.1111/asej.12196
- 2020 Pham, N.T., & Napasintuwong, O. (2020). Farmers' adoption and willingness to pay for certified aromatic rice seed in the Mekong River Delta, Vietnam. *International Journal of Agricultural Management*, 8(4), 149-157. doi:10.5836/ijam/2020-08-149
- 2019 Poolsawas, S., & Napasintuwong, O. (2019). Speed of hybrid maize adoption in Thailand: An application of duration analysis. *Journal of International Society for Southeast Asian Agricultural Sciences J. ISSAAS*, 25(2), 1-13. Retrieved from <http://issaasphil.org/wp-content/uploads/2019/11/1.-Poolsawas-et-al-2019-Hybrid-Maize-Adoption-FINAL.pdf>

PUBLICATIONS

- 2019 Chanprame, P., & Napasintuwong, O. (2019). Profit efficiency of Hom Mali rice production in Northeastern Thailand. *Khon Kaen Agriculture Journal*, 47(5), 981-994. (in Thai) Aye, W.L. & Napasintuwong, O. (2018). Wage inequality among Myanmar immigrant agricultural workers in Thailand. *Yezin Agricultural University Journal of Agricultural Research*, 5(1), 96-105.
- 2017 Napasintuwong, O. (2017). Development and competition of hybrid maize seed market in Thailand: The roles of public and private sectors. *Tropical Agriculture*, 94(4), 418-433.
- 2016 Trang, T.H.T, and Napasintuwong, O. (2016). Farmers' willingness-to-change and adoption of aromatic rice in Vietnam. *Journal of International Society for Southeast Asian Agricultural Sciences J. ISSAAS*, 22(2), 50-65.
- 2016 Myint, P.L., & Napasintuwong, O. (2016). Economic analysis of Paw San rice adoption in Myanmar. *Asian Journal of Agricultural Research*, 10(5), 175-184. doi:10.3923/ajar.2016.175.184
- 2015 Myint, P.L., & Napasintuwong, O. (2015). Cost and return comparison between Paw San rice and non-Paw San rice production in Myanmar, PSAKU *International Journal of Interdisciplinary Research*, 4(2), 78-86
- 2015 Ho Trong, P., & Napasintuwong, O. (2015). Profit inefficiency among hybrid rice farmers in Central Vietnam. *Agriculture and Agricultural Science Procedia*, 5, 89 – 95. doi:10.1016/j.aaspro.2015.08.013
- 2014 Napasintuwong, O., & Pray, C. (2014). Adoption of drought-tolerant rice in Thailand: Participatory varietal selection and implications for breeding programs, *Journal of Development and Agricultural Economics*, 6(9), 394-404. doi: 10.5897/JDAE2013.0504
- 2013 Poolsawas, S., & Napasintuwong, O. (2013). Farmer innovativeness and hybrid maize diffusion in Thailand. *International Journal of Agricultural and Extension Education*, 20(2), 51-65. doi: 10.5191/jiae.2013.20204
- 2012 Krualee, S., & Napasintuwong, O. (2012). Consumers' willingness to pay for non-GM food labeling in Thailand. *International Food Research Journal*, 19(4), 1375-1382. Retrieved from <http://www.ifrj.upm.edu.my/19%20%2804%29%202012/11%20IFRJ%2019%20%2804%29%202012%20Napasintuwong%20%28381%29.pdf>
- 2011 Napasintuwong, O. (2011). The rise of rice biotechnology. *Farm Policy Journal*, 8(1), 55-65. Retrieved from <https://www.farminststitute.org.au/product/fpj0801-napasintuwong-other-rise-of-rice-biotechnology>

PUBLICATIONS

- 2011 Pray, C., Nagarajan, L., Li, L., Huang, J., Hu, R., Selvaraj, K.N., Napasintuwong, O., & Chandra Babu, R. (2011). Potential impact of biotechnology on adaption of agriculture to climate change: the case of drought tolerant rice breeding in Asia. *Sustainability*, 3(10), 1723 -1741. doi: 10.3390/su3101723
- 2010 Napasintuwong, O. (2010). The role of agricultural biotechnology policies in Thailand's economy. *Asian Biotechnology and Development Review*, 12(1), 1-19. Retrieved from http://www.ris.org.in/images/RIS_images/pdf/ABDR-march-%202010.pdf
- 2009 Napasintuwong, O., & Traxler, G. J. (2009). Ex-ante impact assessment of GM-papaya adoption in Thailand. *AgBioForum*, 12(2), 209-217. Retrieved from <https://agbioforum.org/ex-ante-impact-assessment-of-gm-papaya-adoption-in-thailand>
- 2007 Napasintuwong, O., & Traxler, G.J. (2007). Ex-ante economic evaluation of transgenic plants adoption in Thailand. *Kasetsart University Journal of Economics*, 14(2), 86-102 (in Thai). Retrieved from <https://www.tci-thaijo.org/index.php/AEJ/article/view/10521>
- 2007 Napasintuwong O., & Emerson, R.D. (2007). Labor substitutability in labor intensive agriculture and technological change in the presence of foreign labor. *(Thai) Journal of Agricultural Economics*, 26(1), 59-86.

RESEARCH INTERESTS

- Economics of Agricultural Biotechnology,
- Economics of Agricultural Science and Technology, and Innovation
- Food System Transformation, Sustainable Agriculture
- Rice Economy

COURSES TAUGHT

PRESENT

- Analysis of Agricultural Production Economics
- Agricultural Production Economics
- Economics of Agricultural Innovation
- Economics of Agricultural Biotechnology