

ASST.PROF.DR.NARAT HASACHOO

(Assistant Professor)



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Education:

- Doctor of Engineering (Industrial Engineering)

King Mongkut's Institute of Technology Ladkrabang, Thailand (2017)

- MBA in Logistics and Supply Chain Management

Mae Fah Luang University, Thailand (2012)

- Bachelor of Economics Mae Fah Luang University, Thailand (2009)

Teaching:

- Operations Research in Logistics and Supply Chain Management
- Business Operations and Production Development
- Airline Catering Business Management

Area of Interest:

1. Operations Research in Hospital System / Airline Catering Industry.
2. Exploratory research in Informal-cross border logistics system

Professional Certificate;

2019: Certificate in Introduction to Safety Management System (SMS)

IATA (International Air Transport Association)

2020: Certificate in Aviation Security Awareness

IATA (International Air Transport Association)

Researches & Publications:

Hasachoo, N. Sirisawat, P. Jessen, T., “A Comparative Study of Hospital Catering Production System between Thailand and Denmark”, *Proceeding of IEOM International conference on industrial engineering and operations management*, 2021, Brazil, pp. 2279 - 2286. (Indexed by SCOPUS)

Sirisawat, P. **Hasachoo, N.** Jessen, P., “The Exploration and Investigation of Logistics Processes and Barriers for Medical Supplies Department: A case of Thai Public Hospital”, *Proceeding of IEOM International conference on industrial engineering and operations management*, 2021, Brazil, pp. 2287–2293. (Indexed by SCOPUS)

Rabten, W., **Hasachoo, N.**, Sirisawat, P., Yoo, K.E, “A fuzzy analytic hierarchy process approach to identify the relative importance of factors influencing air cargo operation: A case study with Paro international airport in Bhutan”, *Proceeding of International Conference on Industrial Engineering and Operations Management (IEOM)*, 2021, Singapore (Indexed by SCOPUS)

Luochen Xu and **Narat Hasachoo**, “The Study of Irregular Demand Forecasting for Medicines: The Case Study of ABC Medical Center Hospital”, *Proceeding of the 10th International Conference on Industrial Technology and Management*, 2021, UK. (Indexed by SCOPUS, IEEE Explore)

Hasachoo, N., Sirisawat, P. and Kaewket, T., “Inventory Replenishment Policy for Medicines with Non-Stationary Stochastic Demand: The Case of a Newly Opened Hospital in Thailand”, *Proceeding of IEEE International conference on industrial engineering and engineering management*, 2019, Macau (Indexed by SCOPUS, IEEE Explore)

Sirisawat, P. **Hasachoo, N.**, and Kaewket, T., “Investigation and Prioritization of Performance Indicators for Inventory Management in the University Hospital”, *Proceeding of IEEE International conference on industrial engineering and engineering management*, 2019, Macau (Indexed by SCOPUS, IEEE Explore)

Hasachoo. N., Kalaya. P, and Sirisawat. P, “Minimizing the Height of Stacked Egg Cartons: A Comparison of Solving 3D Bin Packing Problems and Packers' Experience”, Proceeding of IEEE International conference on industrial engineering and engineering management, 2017, Singapore (Indexed by SCOPUS, IEEE Explore)

Sirisawat. P, **Hasachoo. N.**, and Kalaya. P, “Fuzzy Ahp Method for Prioritizing Logistics Barriers of Exporting Eggs”, Proceeding of IEEE International conference on industrial engineering and engineering management, 2017, Singapore (Indexed by SCOPUS, IEEE Explore)

Hasachoo, Narat and Masuchun, Ruedee, “A Simple Approach for Identifying an Optimal Service Level for Minimizing Schedule Nervousness under Non-Stationary Stochastic Demand”, International Journal of Innovative Computing, Information and Control (IJICIC), Vol.13, No.2, April 2017. (SCOPUS/ SJR Q1 Impact factor: 1.23)

Hasachoo, N. and Masuchun, R., “Reducing Schedule Nervousness in Production and Operations Under Non-Stationary Stochastic Demand: The Case of an Airline Catering Company”, Proceeding of IEEE International conference on industrial engineering and engineering management (IEEM), Indonesia, 2016 (Indexed by SCOPUS, IEEE Explore)

Hasachoo, N. and Masuchun, R, “Schedule Nervousness in Production Operations of an Airline Catering Company: The Challenge of an Effective Demand Response Program”, Proceeding of IEOM International conference on industrial engineering and operations management, 2016, Malaysia (Indexed by SCOPUS, IEEE Explore)

Hasachoo, N. and Masuchun, R, “Factors Affecting Schedule Nervousness in the Production Operations of Airline Catering Industry”, Proceeding of IEEE International conference on industrial engineering and engineering management, 2015, Singapore (Indexed by SCOPUS, IEEE Explore)

Publications (Selected only peer reviewed publications in non-SCOPUS)

Narat Hasachoo and Phattaraporn Kalaya, “Competitiveness of Local Agriculture: the Case of Longan Fruit Trade between China and the North of Thailand,” Irasec’s Discussion Papers, No. 15, August 2013, www.irasec.com

Kantabutra. S, Kalaya. P and **Hasachoo. N**, “Supply chain and Logistics management for exporting Thai fresh mangoes: a case study of Japanese market with an opportunity for Asean markets”, The 1st Mae Fah Luang University International Conference (MFUIC2012), 2012, Thailand (Oral Presentation)

Kantabutra. S, **Hasachoo. N** and Kalaya. P, “Supply Chain and Logistics Management for Exporting Thai Mangoes to Japan”, International Conference on Agriculture and Agro- Industry (ICAAI2010), November 2010, Mae Fah Luang University, Thailand (Oral Presentation)

Wangdra. P, **Hasachoo. N**, Sirisawat. P, “Prioritizing key performance indicator for small State-owned airport operation based on TOPSIS; A case of Paro international airport, Bhutan”, 6th Asian Academic Society International Conference (AASIC), Chiang Rai, 2018, Thailand

Rabten. W, **Hasachoo. N**, Sirisawat. P, "Study on factors influencing air cargo operation at Paro international airport, Bhutan based on Fuzzy AHP method", Business, Economics and Communications International Conference (BECIC2018), Phitsanulok, 2018, Thailand

Vutheachiva. L, **Hasachoo. N**, Sirisawat. P, “The location selection for new urban area; A case study real estate business new location in Phnompenh based on AHP method” 6th Asian Academic Society International Conference (AASIC), Chiang Rai, 2018, Thailand

Cho. Y.L, Jongsureyapart. C, **Hasachoo. N**, “Investigation on barriers for native cassava starch export in Ayeyarwaddy region, Myanmar” 6th Asian Academic Society International Conference (AASIC), Chiang Rai, 2018, Thailand

Panich. P, **Hasachoo. N**, Sirisawat. P, “Key Success Factors for Improving Community Based-Tourism Supply Chain” The 2nd UTTC Academic Day (National Conference in Thai), University of the Thai Chamber of Commerce, Bangkok, June 2018.

Umnat. N, **Hasachoo. N**, Sirisawat. P, “The Impact of Risks in Supply Chain on Organizational Performances of Thai Rubber Wood Sawn Exporter to China Market” The 2nd UTTC Academic Day (National Conference in Thai), University of the Thai Chamber of Commerce, Bangkok, June 2018.

Research Granted (As a project director)

Narat Hasachoo et al. “The Enhancement of Hospital Preparedness for Epidemics in Suburban Area Using Hospital Logistics Management: The Case Study of Border City in The North” 2021, Funded by Office of National Higher Education Science Research and Innovation Policy Council (PMU-B), Thailand.

Narat Hasachoo et al. “Merging Thailand Hen Egg’s Supply Chain with Myanmar Hen Egg’s Supply Chain for a Sustainability of Thailand’s Hen Egg Business” 2017, Funded by Agricultural Research Development Agency (ARDA), Thailand.

Narat Hasachoo et al. “The Study of Supply Chain Management, Distribution Channel and the Purchasing Behavior of Egg Industry for Enhancing the Export Opportunity for Thai’s Egg Industry : The Case Study of Republic of the Union of Myanmar’s Egg Industry Market” 2015, Funded by Agricultural Research Development Agency (ARDA), Thailand.

Narat Hasachoo and Phattaraporn Kalaya, “Competitiveness of Local Agriculture: the Case of Longan Fruit Trade between China and the North of Thailand,” 2013. Funded by IRASEC (Institut de recherche sur l’Asie du Sud-Est contemporaine) (The research institute under French Embassy, headquartered in Bangkok)

Research Experiences as a Researcher (Financially funded)

Anvar Varishkanov, **Narat Hasachoo**, Pornwasin Sirisawat, Tipavinee Suwangvong Rodbundith and Thunwa Kaewket, “The application of Enterprise Resources Planning to level up the efficiency of Thai Herbs value chain”, 2020, Funded by Thailand Basic Research Fund.