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## Education

Degree

- 2007 DOCTOR OF PHILOSOPHY IN SYSTEMS SCIENCE: BUSINESS ADMINISTRATION, PORTLAND STATE UNIVERSITY, UNITED STATES
- 2004 MASTER OF SCIENCE IN SYSTEMS SCIENCE, COMPUTER MODELING AND SIMULATION, PORTLAND STATE UNIVERSITY, UNITED STATES
- 1999 MASTER OF BUSINESS ADMINISTRATION, MANAGEMENT, UNIVERSITY OF OREGON, UNITED STATES
- 1996 BACHELOR OF BUSINESS ADMINISTRATION, MARKETING, CHULALONGKORN UNIVERSITY, THAILAND

Certificate

- 2016 CERTIFIED IN LOGISTICS, TRANSPORTATION AND DISTRIBUTION (CLTD), APICS, UNITED STATES
- 2016 RISK MANAGEMENT CERIFICATE, APICS, UNITED STATES
- 2012 SCOR PROFESSIONAL (SCOR-P) CERTIFICATION, APICS, UNITED STATES
- 2010 INTRODUCTORY CERTIFICATE IN PURCHASING AND SUPPLY (CIPS LEVEL 2), CIPS (THE CHARTERED INSTITUTE OF PURCHASING AND SUPPLY)
- 2007 CERTIFIED IN PRODUCTION AND INVENTORY MANAGEMENT (CPIM), APICS, UNITED STATES
- 2007 CERTIFIED SUPPLY CHAIN PROFESSIONAL (CSCP), APICS, UNITED STATES

## Publications

### Peer-Reviewed Journal Articles

"Loading Process Improvement of Wood Substitute Industry Using Value Stream Mapping and Simulation", Research Journal Rajamangala University of Technology Thanyaburi, 19(2): 60-72, Dec.2020, (Kraiwong, C., Setamanit, S.).

"Improvement of Shuttle Bus Service Using Simulation Modelling", BU Academic Review, 19(1): 187-203, Jun.2020, (Bandhitthummakul, S., Setamanit, S., Visamitanan, K.).

"Improving transportation contract management using simulation", Polish Journal of Management Studies, 20(2): 466-477, Dec.2019, (Setamanit, S.O.).

"Evaluation of Outsourcing Transportation Contract Using Simulation and Design of Experiment", Polish Journal of Management Studies, 18(2): 320-330, Dec.2018, (Setamanit, S.).

## Publications

"Combining Geographic Information System (GIS) and Simulation for Crew Boat Scheduling", Journal of Telecommunication, Electronic and Computer Engineering, 10(3): 123-127, Jul.2018, (Setamanit, S., Aem-on, K.).

"Criteria for Ocean Freight Carrier Selection: A Perspective of Japanese Automotive Company in Thailand", ASBBS eJournal, 11(1): 89-96, Sep.2015, (Setamanit, S., Pipatwattana, A.).

"Supplier Performance Evaluation Using Analytical Hierarchy Process: A Case Study of Thai Offshore Oil & Gas Exploration and Production Company", Journal of Business and Behavioral Sciences (JBBS), 26(3): 63-78, Dec.2014, (Nathavat, S., Setamanit, S.).

"The Study of Relationship between Logistics and Supply Chain Strategies and Satisfaction on Business Performance of Thai Rice Exporters", Chulalongkorn Business Review, 35(135): 20-56, Jan.2013-Mar.2013, (Setamanit, S.).

"Integrated Sourcing Process: Case Study of Oil Refinery", Chulalongkorn Business Review, 34(133): 33-62, Jul.2012-Sep.2012, (Patiwarato, P., Setamanit, S.).

"Simulation Modeling and Application for Operations and Supply Chain Management", Nida Business Journal, 10: 18-46, May.2012, (Setamanit, Siri-on).

"Evaluating the Impact of Requirements Analysis Tools Using Simulation", Software Process: Improvement and Practice, 13(1): 63-73, Jan.2008, (Raffo D.M., Ferguson R., Setamanit, S., and Sethanandha B.).

"Using Simulation to Evaluate Global Software Development Task Allocation Strategies", Software Process: Improvement and Practice, 12(5): 491-503, Sep.2007, (Setamanit, S., Wakeland W., and Raffo D.M.).

### Peer-Reviewed Academic/Professional Meeting Proceedings

"Improvement of Waiting Time in Pharmacy Service for Outpatients at University Hospital"การประชุมวิชาการระดับชาติ SMARTS ครั้งที่ 7, 574-586 Jun.2017, (ใจรัศมี ยอดมงคล กมลชนก สุทธิวานฤพุฒิ และ สิริอร เศรษฐมานิต).

"Simulation of Manufacturing Process to Perform Line Balancing Technique in Production Line: A Case Study of Power Transformer Factory" The 39th National Graduate Research Conference, 31-38, Assumption University of Thailand Jul.2016, (ชญารัฐ ศรีสงคราม สิริอร เศรษฐมานิต และ กมลชนก สุทธิวานฤพุฒิ).

"A Study of Consumer Attitude towards Gasohol E85 in Thailand" The 23rd Annual Conference, 491-498, American Society of Business and Behavioral Sciences Feb.2016, (Setamanit, S., Sonjaisuk, S.).

"A Survey on Outcomes Evaluation of Sustainable Competitive Advantage Gained Through Logistics and Supply Chain Strategy of Business in Thailand" Proceeding of the IAME 2012 Conference, Taipei, Taiwan 2012, (Suthiwartnarueput, K., Setamanit, S., Mookhamakkul, T., Chavarnakul, T., Visamitanan, K.).

## Publications

"Evaluation of Diverse Inventory Policies Using Simulation and Design of Experiment" Portland International Conference on Management of Engineering and Technology Jul.2011, (Setamanit, Siri-on).

"Using Simulation to Explore the Impact of Inventory Policies on Supply Chain Performance" Portland International Conference on Management of Engineering and Technology Jul.2010, (Setamanit, Siri-on).

"Exploring the Effect of VMI on the supply chain partner using simulation", Portland International Conference on Management of Engineering and Technology (PICMET), Portland, OR, USA Aug.2009, (Setamanit, S.).

"A Simulation Model for Evaluating the Impact of Vendor Managed Inventory (VMI) to Supply Chain Member" 8th National Logistics and Supply Chain Research Conference, Petchaburi, Thailand Nov.2008, (Setamanit, S.).

"Improving Global Software Development Project Performance Using Simulation", Portland International Conference on Management of Engineering and Technology (PICMET), Portland, OR, USA Aug.2007, (Setamanit, S., Wakeland W., and Raffo D.M.).

"Evaluating the Impact of the QuARS Requirements Analysis Tool Using Simulation", The International Conference on Software Process, Minneapolis, MN, USA Apr.2007, (Raffo, D.M., Ferguson, R., Setamanit, S., and Sethanandha, S.).

"Planning and Improving Global Software Development Process Using Simulation", 8-14, ACM, The First International Workshop on Global Software Development for the Practitioner, Shanghai, China May.2006, (Setamanit, S., Wakeland, W., and Raffo, D.M.).

"A Simulation Model for Global Software Development Project" The 6th International Workshop on Software Process Simulation and Modeling, St. Louis, MO 2005, (Raffo, D.M. and Setamanit, S.).

### Research Grants

"Combining geographic information system (GIS) and simulation for crew boat scheduling (funding by CBS)", Dec.2018, (Setamanit, S., Aem-on, K.).

### Work-In-Progress

"Waterfront Development: Bangkok Port" 07/2012 - 06/2015, (Suthiwartnarueput K., Mookhamakkul T., Setamanit S., K.), Jun. 2015

"The classification analysis of credit card installment, attitudes towards debt", Feb. 2014- Dec. 2014, (Munmuang N. and Setamanit S.).

**Book Chapters**

"Chapter 14: Logistics Service", Economics of Transportation and Logistics Management, Sukhothai Thammathirat Open University (In Thai), 2011, (Setamanit, Siri-on).

"Identifying Key Success Factors for Globally Distributed Software Development Project Using Simulation: A Case Study", Making Globally Distributed Software Development a Success Story, Springer Berlin/Heidelberg, 2008, (Setamanit, S., and Raffo D.M.).

"Creating Value Using Supply Chain for Sustainable Competitive Advantage", นวัตกรรมเพื่อการแข่งขันที่ยั่งยืน: Sustainable innovation for competitiveness, Chulalongkorn University Press, 2008, (Setamanit, S.).

"Evaluating the Impact of the QuARS Requirements Analysis Tool Using Simulation", Software Process Dynamics and Agility, Springer Berlin/Heidelberg, 2007, (Raffo D.M., Ferguson R., Setamanit, S., and Sethanandha B.).

"Exploring the Impact of Task Allocation Strategies for Global Software Development Using Simulation", Software Process Change, Springer Berlin/Heidelberg, 2006, (Setamanit, S., Wakeland, W., and Raffo, D.M.).