

Saowaruj Rattanakhamfu

Thailand Development Research Institute

565 Soi Ramkhamhaeng 39, Ramkhamhaeng Road, Wangthonglang, Bangkok 10310

Telephone: 02-718-5460 ext. 420, Fax: 02-718-5461-2

E-mail: saowaruj@tdri.or.th

Education

Ph. D. in Economics, University of Melbourne, Australia

Dissertation Title: Essays on the Economics of Services Outsourcing: The Case of the Indian Software Services Industry

M.A. in Economics, University of Washington, USA

B.A. (Honours) in Political Science (International Relations), Chulalongkorn University

Fellowships and Awards

Department of Economics Ph.D. Scholarship, University of Melbourne

Melbourne International Research Scholarship, University of Melbourne

Teaching Assistantship, University of Washington

Honours, Chulalongkorn University

Research Experience

Senior Research Fellow, Thailand Development Research Institute Foundation, July 2014-present

Research Fellow, Thailand Development Research Institute Foundation, January 2008-June 2014

Research Assistant, Department of Economics, University of Melbourne, 2006-2007

Researcher, Thailand Development Research Institute Foundation, 2002 – 2003

Teaching Experience

Tutor, Department of Economics, University of Melbourne, 2005 - 2007

Teaching Assistant, Department of Economics, University of Washington, 1999

Other Employment

Trade Officer, Department of Export Promotion, Ministry of Commerce, 1999-2002

Graduate Assistant, Southeast Asia Library Section, University of Washington, 1998

Publications

- The Emergence of Innovative Firms in Thailand. In Koichiro Kimura (Ed.), *The Growth and Innovation of Asian Firms*, BRC Research Report, Bangkok: IDE Bangkok Research Center, JETRO Bangkok, , 2019.
- How Can Thailand Stay Competitive and Keep Growing in a Longevity Society?, TDRi Quarterly Review, 34 (4), December 2019.
- ICT Workforce Development and Thailand 4.0: Shifting from Quantity to Quality, TDRi Quarterly Review, 33 (3), September 2018.
- Innovation Policy in Thailand. In Masashito Ambashi (Ed.), *Innovation Policy in ASEAN*, Economic Research Institute for ASEAN and East Asia, 2018.
- Thailand Country Study ASEAN Economic Community Blueprint Mid-term Review Project, ERIA Discussion Paper Series, ERIA-DP-2015-46, June 2015.
- Relocating Labor-Intensive Industries from Thailand to Neighboring Countries: Possibility and Policy Implications, TDRi Quarterly Review, 29 (1), March 2014.
- Thailand in the AEC: Myths, Realities, Opportunities, and Challenges, TDRi Quarterly Review, 28 (3), September 2013.
- Thailand's Policy towards East Asia Economic Integration, TDRi Quarterly Review, 26 (2), June 2011.
- Determinants of ICT Usage in the Business Sector in Thailand, TDRi Quarterly Review, 25 (3), September 2010.

Ongoing Research Projects

- Unlocking Regulatory Obstacles for Developing Thailand's BCG Economy, Funded by Thailand Science Research and Innovation Fund, 2020
- Guidelines for Allocating and Managing Budget on Higher Education, Science, Research and Innovation, Funded by Office of National Higher Education, Science, Research and innovation Policy Council, 2019
- Urban Amenities and Services in Global Value Chain for East Asia, Funded by Economic Research Institute for ASEAN and East Asia (ERIA), 2017-2020

Completed Research Projects

Productivity and Innovation Policy

- Guidelines for Promoting Grid Energy Storage in Thailand, Funded by Federation of Thai Industries (FTI), 2017-2019
- Global Value Chain, Cities, Urban Amenities and Services, Funded by Economic Research Institute for ASEAN and East Asia (ERIA), 2018

Innovation Policy for ASEAN, Funded by Institute of Developing Economies (IDE-JETRO), 2017

Direction and Guidance for Thailand Advanced Institute of Science and Technology (THAIST) under the National Reform on Science, Technology and Innovation, Funded by National Science, Technology, and Innovation Policy Office, 2016

Thailand's New Economic Development Model: Technology Upgrading in the Production Sector, Funded by SCG and Mitr Phol, 2015

Thailand's STI Manpower Management Reform, Funded by National Science, Technology, and Innovation Policy Office, 2016

Framework for Assessing the Performance of Thailand Science Park during 2002-2013, Funded by National Science and Technology Development Agency (NSTDA), 2014

Role and Economic Impact of Metrology System in Thailand, Funded by National Institute of Metrology (Thailand) (NIMT), 2014

Guidelines for Assessing the Economic Impacts of NSTDA's R&D Activities, Funded by National Science and Technology Development Agency (NSTDA), 2013

National Research Evaluation System, Funded by National Research Council (NRC), 2012

Roadmap for the Development of a National Biomedical Science Industry in Thailand, Funded by National Science and Technology Innovation Policy Office (STI), Thailand, 2012

Development of Think Tanks in Thailand, Funded by Knowledge Network Institute of Thailand, 2011

Assessing the Performance of National Science and Technology Development Agency (NSTDA), Funded by NSTDA, Thailand, 2010

Digital Economy

Disruptive Technologies in Thailand: Readiness, Development and Impact, Funded by Office of the National Digital Economy and Society Commission, 2019

Digital Manpower Development to Support the S-Curve Industries and the EEC, Funded by Digital Economy Promotion Agency, Thailand, 2018

Software Using Business in the Digital Economy, Funded by Software Industry Promotion Agency (SIPA), Thailand, 2015

Digital Content Market 2014 and Outlook, Funded by Software Industry Promotion Agency (SIPA), Thailand, 2015

Software Services Market 2014 and Outlook, Funded by Software Industry Promotion Agency (SIPA), Thailand, 2015

Digital Content Market 2013 and Outlook, Funded by Software Industry Promotion Agency (SIPA), Thailand, 2014

Software and Software Services Market 2013 and Outlook, Funded by Software Industry Promotion Agency (SIPA), Thailand, 2013

Improvements in the Market Survey of Software and Software Services Industry in Thailand, Funded by Software Industry Promotion Agency (SIPA), Thailand, 2013

National Telecom Policy Framework, Funded by the Ministry of Ministry of Information and Communication Technology, Thailand, 2012

Software and Software Services Market 2012 and Outlook, Funded by Software Industry Promotion Agency (SIPA), Thailand, 2012

Promoting the Information and Communication Technology (ICT) Industry in Thailand (Phase II), Funded by the Ministry of Information and Communication Technology, Thailand, 2010

Promoting the Information and Communication Technology (ICT) Industry in Thailand, Funded by the Ministry of Information and Communication Technology, Thailand, 2009

ASEAN Trade and Investment Policy

Negotiation Strategies on Japan-Thailand Economic Partnership Agreement (JTEPA), Funded by Ministry of Foreign Affairs, 2018

Investment Data Center for Thai Outward Direct Investment, Funded by Board of Investment (BOI), 2017

Interview Survey on Strategy of Thai Local Firms for TPP, Funded by Institute of Developing Economies (IDE-JETRO), 2017

Strategies for Trade and Investment Opportunities in ASEAN, Funded by Trade Policy and Strategy Office, Ministry of Commerce, 2017

What does ASEAN mean to ASEAN people?, Funded by Economic Research Institute for ASEAN and East Asia (ERIA), 2016

Thailand Country Report on “ASEAN at 50: Retrospectives and Perspectives on the Making, Substance, Significance and Future of ASEAN, Funded by Economic Research Institute for ASEAN and East Asia (ERIA), 2016

A Study on the Linkages between Thai Fashion Cluster and Production, Marketing, and Investment in ASEAN, Funded by Office of Industrial Economics, Ministry of Industry, 2016

Prospects for Forming Mekong Business Area: Thailand Plus One Corporate Strategy and Its Supporting Policies, Japan External Trade Organization (JETRO), 2015

ASEAN Economic Community (AEC) Scorecard Phase IV “Furthering the Implement”, Funded by Economic Research Institute for ASEAN and East Asia (ERIA), 2014

Relocating Labor-intensive Industries to Neighboring Countries: Case Studies of Textile and Garment, Shoes and Leather Goods, Gems and Jewelry (Phase II), Funded by Office of Industrial Economics, Ministry of Industry, 2013

Relocating Labor-intensive Industries to Neighboring Countries: Case Studies of Textile and Garment, Shoes and Leather Goods, Gems and Jewelry, Funded by Office of Industrial Economics, Ministry of Industry, December 2012-September 2013

AEC Blueprint Mid-Term Review (MTR) Project, Funded by the Economic Research Institute for ASEAN and East Asia (ERIA), 2012

ERIA Study to Further Improve ASEAN Economic Scorecard (ACE) Phase Two: Toward a More Effective AEC Scorecard Monitoring System and Mechanism, Funded by the Economic Research Institute for ASEAN and East Asia (ERIA), 2011

Industrial Cluster Development, Funded by the Ministry of Industry, Thailand, 2011

Economic Impact of ASEAN+3 and ASEAN+6 Free Trade Agreements, Funded by the Ministry of Commerce, Thailand, 2011

Negotiation Framework and Effects of Thailand-European Union FTA, Funded by the Ministry of Commerce, Thailand, 2011

Development of Pharmaceutical Patent System and Preparation for the Free Trade Agreement Negotiation on Pharmaceutical Patent Issues, Funded by the Ministry of Commerce, Thailand, 2009

Labor Issues

Employment in Micro and Small Enterprises, Funded by the Ministry of Labor, Thailand, 2009

Off-farm and Non-farm Employment in Thailand, Submitted to Development Analysis Network, Cambodian Development Resource Institute, 2003

Research on Community Development in Thailand, Submitted to Japan Bank for International Cooperation, 2002

A study on the Characteristics and Effectiveness of Japanese Technical Cooperation, Submitted to International Development Center of Japan, 2002

Thailand: Improving Migration Policy Management with Special Focus on Irregular Labor Migration – Case Study of Housemaids, in collaboration with ILO and IOM, Bangkok, TDRI, 2003

Conference and Seminar

2019: *ASEAN Sustainable Development Summit 2019 on The Future Together: Deepening Partnership for the Sustainable Development Goals*, Asian Strategy and Leadership Institute, SDSN Malaysia, and Jaffrey Sachs Center on Sustainable Development, Kuala Lumpur, Malaysia

- 2019: *2019 Asian Approaches to Development Cooperation (AADC) Dialogue on Industrial Revolution 4.0 and the Future of Work: Implications for Asian Development Cooperation*, KDI School of Public Policy and Management and The Asia Foundation, Seoul, Republic of Korea
- 2019: *Roundtable on New Global Era of Digital Economies- T20 Japan associated event: Development of ICT and Industrial Development in the East Asia and the Pacific*, Japan External Trade Organization (JETRO), Economic Research Institute for ASEAN and East Asia (ERIA) and Research Institute of Economy, Trade and Industry (RIETI), Jakarta, Indonesia
- 2018: *ATD 2018 Asia Pacific Conference and Exhibition on Learning Innovation for Future Talent*, American Society for Training and Development (ASTD), Taipei, Taiwan
- 2016: *The 38th Pacific Trade and Development (PAFTAD) Conference on Asian Economic Integration Strategies*, East Asia Bureau of Economic research and PAFTAD, Canberra, Australia
- 2011: *International Conference on ECFA and East Asia Economic Integration*, National Policy Foundation and Center for Economic Policy Studies, NCCU, Taiwan
- 2010: *The 8th Asian Media Forum: Convergence of Broadcasting, Internet and Telecom: International Experience and China's Path*, Asia Media Research Centre, Beijing, China
- Executive training. Connectivity and Convergence: Alternative Regulatory Strategies*, Research ICT Africa, Cape Town, South Africa
- 2008: *Global Trust Center International Council Meeting*, November, Global Trust Center (GTC), Malmo, Sweden
- Micro-Economic Foundations of Economic Policy Performance in Asia*, April, National Council of Applied Economic Research (NCAER) and East Asia Bureau of Economic Research (EABER), New Delhi, India
- 2006: *Australian Conference of Economists (ACE)*, September, Perth, Australia
- Microeconometric Workshop*, September, University of Melbourne, Australia
- 2005: *Microeconometric Workshop*, October, University of Melbourne, Australia