

# CURRICULUM VITAE

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SARUN KAMOLTHIP

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Department of Economics  
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40002

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## RESEARCH INTERESTS

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Machine Learning in Economics,  
Economics of climate change,  
Urbanization,  
Environmental valuations

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## TEACHING

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Undergraduate level: Microeconomics  
101, Special topics in Finance & Risk  
Management, Research Methodology

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## RELEVANT SKILLS

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Statistic software: R, Limdep, Stata  
Data Analytics: R, Python  
GIS: ArcGIS, R (GIS-related packages)

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## EDUCATION

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### Ph.D. in Economics / 2017

National Institute of Development Administration (Thailand)

### M.A. in Economics / 2007

National Institute of Development Administration (Thailand)

### B.Eng. (Mechanical Engineering) / 2002

Kasetsart University (Thailand)

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## ACADEMIC POSITION

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**2017** Lecturer, Department of Economics, Khon Kaen University

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## ACADEMIC VISIT

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**01/2016 – 06/2016** Visiting Ph.D. Student, University of  
Gothenburg, School of Business, Economics and Law, Sweden

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## GRANTS & AWARDS

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**2018** National Research Council of Thailand (NRCT) Award 2017 for  
the Best PhD Thesis

**2016** SIDA-EFD Scholarship for Specialization PhD Courses in Global  
Change and Climate Economics at University of Gothenburg,  
Sweden

**2015** EEPSEA Doctoral Fieldwork Grant

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## PUBLISHED ARTICLE

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(With Udomsak Seenprachawong) “*Validity of Internet-based Stated Preference Data in Modeling Waterfall Recreation Site Choice*” in *Applied Economics Journal*. Vol. 23 No. 2: 48-74

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## RESEARCH REPORT

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**Kamolthip, S.** 2016. “*Landowners’ Preferences for a Payments for Environmental Services Program: a Case Study in East Thailand.*” EEPSEA Research Report, Economy and Environment Program for Southeast Asia, Laguna, Philippines

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## UNPUBLISHED ARTICLE

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“*A Recreation Site Choice Model with On-Site Retrospective Trips Data: an Empirical Application to Central Thailand Waterfalls*”

(With Udomsak Seenprachawong) “*Landowners’ Preferences for a Payments for Ecosystem Services Program: a Case Study in East Thailand*”

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## WORKS IN PROGRESS

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“*Impact of Climate Change on Rice Production in Thailand: A Prediction by Machine Learning from Farm-level Production Data*”

“*Local Impacts of Climatic Variations on Agricultural Output in Thailand*”

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## CONFERENCES

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A Community on Ecosystem Services (ACES) Conference, Jacksonville, Florida, USA. Paper titled “*Landowners’ Preferences for a Payments for Environmental Services Program: a Case Study in East Thailand*”

The 10th International Conference on the Regional Innovation and Cooperation in Asia (RICA), Bangkok, Thailand. Paper titled “*A Site Choice Model with Combined Interception and Panel Data: an Empirical Application to Waterfall Recreation in Thailand*”

The EEPSEA Annual Conference, Ho Chi Minh City, Vietnam. Paper titled “Landowners’ Preferences for the Design of Payment for Environmental Services (PES) Program: Case of Khao Yai and Thap Lan National Parks, Thailand”

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## **SEMINARS & WORKSHOPS**

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The Training on Economics of Climate Change Adaptation (organized by UNDP & USAID), Pathumthani, Thailand. 2017. (Participant)

The EEPSEA Training in Spatial Econometric Course, Ho Chi Minh City, Vietnam. 2016. (Participant)

The SIDA-Beijer Institute Valuing and Designing Payment for Ecosystem Services, Pre-Conference Workshop, Zurich, Switzerland. 2016. (Participant)

The 11th EEPSEA Regional Training Course in Environmental and Resource Economics, Philippines. 2015. (Participant)

The EEPSEA Course on Biodiversity Valuation and Payment for Ecosystem Services, Khao Yai National Park, Thailand. 2014. (Participant)

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## **NON-ACADEMIC EXPERIENCE**

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**2007 – 2015** Project Engineer at SCG Chemicals Co., Ltd.

**2004 – 2007** Reverse Engineer at Chromalloy (Thailand) Co., Ltd.

**2002 – 2004** Production Engineer at Nidec-Copal (Thailand) Co., Ltd.