

# Watchara PECHDIN

## Current Position

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- Lecturer at Social Policy and Development Programme (International Programme), Faculty of Social Administration, Thammasat University. E-mail: w.pechdin@tu.ac.th
- Adjunct Professor at Faculty of Environmental Science, National University of Laos, Lao PDR

## Educations

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- Ph.D. in Disaster Preparedness, Mitigation, and Management; Asian Institute of Technology. Royal Thai Government Scholarship.  
  
Dissertation title: *A Nexus of Shan Refugees' Recognitions and Responses of Thai Host-Communities: A Study of Factors Influencing Livelihood Security, Local Attitudes, and Strategies for Livelihood's Interventions*
- Master's degree in Economics, major in quantitative economics; Chulalongkorn University
- Bachelor's degree in Economics, major in business economics, minor in actuarial science; Thammasat University

## Certificates

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- "Health Security, One Health, and Zoonoses" Organized by Michigan State University and Mekong One Health Innovation Program (MOHIP)
- "Climate-Smart Villages (CSVs) as Platforms for Community-Level Anticipatory Climate Adaptation to Improve Food Security and Resiliency: A Roving Workshop" Organized by the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA); Grant awarded.
- "The Futures of Disaster Knowledge in 2045" Organized by Disaster Risk Reduction and Tsunami Information, UNESCO Office Jakarta
- Introduction to Mao Zedong Thought, Tsinghua University.

## Disciplines

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- Climate Adaptation, Coping Strategies, Food Security, Disaster Management
- Emergency Humanitarian Interventions
- Cross-Border Development and Economic Integration
- Migration and Forced Displacement
- Social Gerontology

## Skills

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### Technical Forecasts

Partial analysis:	LS, ML, SEM, Volatility analysis, Panel model.
General analysis:	SAM, CGE, Dynamic CGE
Mathematics Model:	Intertemporal Consumption

### Computer skills

QGIS, Stata, E-Views, GAMS, Scilab

## Previous Experiences

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**Jun 19 – Economist: International Rubber Consortium**

- Mar 21**
- Analyze and research socio-economic influences on the Natural Rubber sector (NR)
  - Provide secretarial supports
  - Strengthen strategic partnerships with inter-government/international agencies in NR such as IRSG, ANRPC, IRRDB, IMT-GT, ITRC

Jan 18 – **Project Analyst: Neighbouring Countries Economics Development Agency (Public**  
Jan 19 **Organization)**

- Supervise project implementation in Myanmar and Cambodia
- Conduct economic and social research
- Strengthen strategic partnership with ADB and JICA
- Shortlist ODA requests from Myanmar and Cambodia

**Examples of ODA Project Participated as a Committee Member**

- Committee member of drafting TOR for Dawei road project, Myanmar
- Committee member of consultant procurement for R67 road, Cambodia

## Guest Speaker/Discussant/Research Fellow

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- 2021-22**
- Visiting Researcher: Development of Infrastructure and Innovation for Trade on Sustainable Perspective Research Center, Faculty of Environment and Resource Studies, Mahidol University
  - Guest Lecturer: Faculty of Environment and Resource Studies, Mahidol University; Topic: *Basic concept of Environmental Valuation*
  - Guest Lecturer: College of Population Study, Chulalongkorn University; Topic: *Marginal People; Current Issues and Way Forward*
- 2019**
- Discussant: Topic: *Well-Being of Natural Rubber Smallholders and Their Movement towards Sustainability*, The Rubber Economist, London, UK
  - Discussant: Topic: *The Global Automobile Industry in Transitioning Period: Challenges and Way Forward*, LMC International Ltd, Oxford UK.
  - Discussant: Topic: *Towards Enhancements of Sustainability in the Natural Rubber Industry: Roles of Public Policy*, International Rubber Study Group, Brussels, Belgium

## Projects

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### ■ Principal Investigator

- Project Title** Tool Development for Increasing Effectiveness of HESI in Enhancing Adaptive Capability and Quality of Life among Low-Income Population

**Funder** Office of National Higher Education Science Research and Innovation Policy Council

**Investigators** Pechdin, W., Chonticha, A., Bhuridatpong, A.

**Year** 2023-Ongoing
- Project Title** One Health Approach towards COVID-19 transmission among farmers in Thailand, Lao PDR, and Vietnam: A comparative study of Influencing Factors

**Funder** Southeast Asia One Health University Network

**Investigators** Pechdin, W., Sinsamphanh, O., Thanh, B., L., Chogule, M., Naruepatr, J., Swangsilp, S., Phraisombath, K., Diem, T.H.N., and Phan, T.V.

**Year** 2023-Ongoing
- Project Title** Towards Socioeconomic Impacts of Climate Change on Thailand's Agricultural Sector: A General Equilibrium Analysis for Policy Targeting Vulnerable Groups

**Funder** Faculty of Social Administration, Thammasat University

**Investigators** Pechdin, W.

**Year** 2023-Ongoing
- Project Title** Study of Technological Utilization among Thai Older Farmers: Readiness, Challenges, and Opportunities

- Funder** Thai Gerontology Research and Development Institute (TGRI)  
**Investigators** Pechdin, W., Chonticha, A., Bhuridatpong, A., and S., Swangsilp  
**Year** 2024-Ongoing
- 5 **Project Title** The Study of Vulnerabilities and Coping Strategies to Drought of Older Farmers  
**Investigators** Pechdin, W., Chonticha, A., Bhuridatpong, A., and S., Swangsilp  
**Year** 2024-Ongoing

## ■ Co-Investigator

1. **Project Title** Innovation to Enhance Job Security and Income for Informally Pre-ageing and Older Workers by Promoting The Solidarity Economy Through A Digital Platform  
**Funder** National Research Council of Thailand  
**Investigators** Bhula- Or, R., Wantanasombut, A., Pitukthanin, A., Taweejamsup, S., Eiamchmaroonlarp, P., Rajpradit, W., Asavanirandorn, C. & Pechdin, W.  
**Year** 2021
2. **Project Title** Development of Vulnerability Index to Quality of Life of Older Persons in Agricultural Sector in Thailand.  
**Funder** Foundation of Thai Gerontology Research and Development institute (TGRI)  
**Investigators** Chonticha, A., Osatis, C., Pechdin, W.  
**Year** 2021
3. **Project Title** Non-Standard Employment for Older Persons in the Thai Private Sector: Flexibility Productivity and Protection  
**Funder** Foundation of Thai Gerontology Research and Development institute (TGRI)  
**Investigators** Chonticha, A., Osatis, C., Pechdin, W.  
**Year** 2020
4. **Project Title** Strategies Enhancing Competitiveness of Shipbuilding and Repairing Industry  
**Funder** Thai Shipbuilding and Repairing Industry Association  
**Investigators** Sumalee S and Pechdin, W.  
**Year** 2020

## Academic Performance

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### i. Articles in Refereed Journals

- Pechdin, W.** & Swangsilp, S. (2024). Towards Long-Term Relationship of Transport Investment and Economic Growth in Thailand: Implications for Post-COVID-19 Investment. *Journal of Infrastructure, Policy and Development* (Scopus, citescore 1.6)
- Pechdin, W.**, & Bunditsakulchai, P. Characteristics of Individuals at Risk of Malnutrition in Thailand: An Investigation Focusing on Income Insecurity. *Frontiers in Sustainable Food Systems*, 7, 1256119.
- Pechdin, W.**, & Ahmad, M. M. (2023). A Glimpse into the Minds of Thais: Unveiling Factors Influencing Thai Local Attitudes towards Myanmar Refugees. *Migration Letters* (Scopus Q2, citescore 1.6)
- Pechdin, W.**, Sarnkhaowkhom, C., Kanthanetr, S., & Willemse, M. P. (2023). Retelling Social Inequalities in the Era of Market Competition: Review and Discussion for Sustainable Welfare Development. *Frontiers in Sociology*, 8, 9. (Scopus Q1, citescore 1.7)

Asavanirandorn, C., **Pechdin, W.\***, Ngamsomsak, R., & Bhula-Or, R. (2023). What Influences Older Urban Poor's Attitude towards Online Job Search? Implications for Smart Cities Development. *Smart Cities*, 6(1). (Scopus Q1, citescore 5.5)

**Pechdin, W.**, & Nghia, B. P. Q. (2023). Building Community Resilience to Coastal Disasters: A Case Study of Cyclone Sidr in Bangladesh 2007. *Journal of Social Policy, Social Change and Development*, 1, 39-46.

**Pechdin, W.**, & Ahmad, M. M. (2022). Revisiting critical consequences from armed conflicts in the Shan State, Myanmar: Implications for border development of Chiang Mai province, Thailand. *Kasetsart Journal of Social Sciences*, 43(4), 1067-1074. (Scopus Q2, citescore 2.2)

Asavanirandorn, C., **Pechdin, W.\***, & Trang, N.T.Q. (2022). Identifying Factors Influencing Productivity of Older Workers in Service Sector: A Case Study in Pilot Companies in Thailand. *Behavioral Sciences*, 12(8), 268. (Scopus Q1, citescore 3.8)

Klinsrisuk, R., & **Pechdin, W.** (2022). Evidence from Thailand on Easing COVID-19's International Travel Restrictions: An Impact on Economic Production, Household Income, and Sustainable Tourism Development. *Sustainability*, 14(6), 3423. (Scopus Q1, citescore 5.0)

## **ii. Book Chapter**

**Pechdin, W.** (2023). Book Review: Welfare State 3.0: Social Policy After the Pandemic. *Journal of Social Work*, 31(2), 362-368.

**Pechdin, W.**, & Ahmad, M. M. (2023). "A Guideline for Host Communities in Selecting Effective Livelihood's Interventions for Refugees in An Informal Refugee Resettlement: A Case Study of Chiang Mai Province, Thailand". In Hamza, M., et al., *Rebuilding Communities After Displacement: Sustainable and Resilience Approaches*. Switzerland: Springer Nature Switzerland

## **Awards**

- 2024: Outstanding Research Award 2024 from National Research Council of Thailand (NRCT)
- 2024: Outstanding Researcher Award 2023 from Faculty of Social Administration, Thammasat University
- 2024: Honorable Researcher Award 2023 from Faculty of Social Administration, Thammasat University