

Report

Policy Research Center
Research Project Accomplishment Report

Date: 2020/2/27

Project Leader: Title Associate Professor Name Minchung Hsu

Research Project Title: Income Inequality and Earnings Risk over the Life-Cycle in Developing Economies with Large Informal Sectors: Implications for Public Policy and Social Security Development

Duration (yyyy/mm/dd): 2019/8/1 ~ 2021/3/31 2-year

Co-Investigator:	Title	Name	Affiliation	(Remarks)
Co-Investigator 1	Economist	Tanyasorn Ekapirak	ASEAN+3 Macroeconomic Research Office (AMRO)	
Co-Investigator 2				
Co-Investigator 3				
Co-Investigator 4				
Co-Investigator 5				

Project aims and goals:

This paper aims to study income profiles, uncertainties and inequality over the life cycle in developing economies with large informal sectors that has important implications for many policy issues such as social insurance, taxation and pension in developing countries. It is typical for a developing economy that more than half of its total employment is in the informal sector. This feature largely deviates from developed economies and normally is not considered in economic analyses. We also investigate the impacts of the existence of a large informal sector on individuals' life cycle income, as well as the implications for economic/public policies.

Accomplishment (s) of Project (400 words):

We have collected data from Thailand, Vietnam and Indonesia for analysis. We have had a comprehensive empirical analysis with using two household survey datasets in Thailand. We find that there are more than 70% of workers in the informal sector with a much lower life-time income level compared with formal workers. Informal workers also face greater income risks compared with formal workers. We have developed a life-cycle model to further investigate the abilities of individuals in the formal and informal sectors to self-insure the income uncertainties over the lifecycle and discuss the policy implications.

Accomplishments:

Please fill in [the] We have collected data from Thailand, Vietnam and Indonesia for analysis. We have

Other things to report:

The RA (Trity) presented a paper, which is a part of this project, at Singapore Economics Review Conference on August 5th, 2019.

(Please include all items within one page.)

List of Accomplishment

List of Accomplishment
(including forthcoming)

(If the description exceeds five in each item, please add a line as necessary.)

Article

Academic papers (including those published in general journals)

*For collaboratively authored papers, please underline your name.

*Please report "Peer-reviewed academic conference papers" as well.

	Author	³ in total Title	¹ The number of referred article Publisher	² Vol/No /Chapt er/Sect ion	Date of Publications	Pages (from)	Pages (to)	Referee Report (yes=1)	² Internatio nal coauthors hip (yes=1)	DOI	Open Access (yes=1)
1	Minchung Hsu, Junsang Lee and Min Zhao	Economic fluctuations, volatility changes and the role of government spending in China: A structural analysis	Pacific Economic Review. Wiley		2019/6/19	1	-27	1	1	DOI: 10.1111/146	
2	Minchung Hsu and Tomoaki Yamada),	Population Aging, Health Care and Fiscal	Scandinavian Journal of Economics.	121	2019	547	-577	1	1	https://doi.org/10.1111/sjoe.12280	
3	Minchung Hsu	Policy Reform: The Demographic Turbulence and Its Costs: The Challenges	In Focus, Antall József Knowledge	-2, 3	2019	9	-11				
4											
5											

Book

*For collaboratively edited or authored books, please underline your name.

*If you are an author of a chapter in a book, please report in "Article" category.

	Author	⁰ in total Title	Publisher	Date of Publications	Total pages
1					
2					
3					
4					
5					

Verbal report / Conference presentation

*Here please report "Non-peer-reviewed academic conference papers".

*When you or co-invetsigetor had a lecture/presentation as invitees, please specify "(invited lecture)" after Event Title.

	Presenter	⁴ in total Title	Event Title	Venue	Date
1	Minchung Hsu	Marriage, Fertility and Female Labor Force Participation in an Aging Economy	Macroeconomic Workshop	IER, Hitotsubashi University	26-Nov-19
2	Minchung Hsu	Marriage, Fertility and Female Labor Force Participation in an Aging Economy	Applied Macroeconomics Seminar.	Kyoto University,	8-Nov-19
3	Minchung Hsu	Marriage, Fertility and Female Labor Force Participation in an Aging Economy	Population Workshop,	Keio University,	24-Oct-19
4	Sawatrukkiat Trisukon (Trity)	Income Inequality and Risk over the Life-Cyle in Thailand	SER conference	Singapore	Agu 5 2019
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