

The 29th IPSS Seminar

# The Frontiers in Policy and Research Applications of **NTA/NTTA** Visualizing Intergenerational Solidarity



With an increasing elderly population and a decreasing number of children, the burden on the working-age population continues to grow. How can we realize support across generations under these circumstances?

Responding to the challenges of an aging society is not only a national issue but a common global concern in this century. As population ageing became a global issue, the United Nations has supported the development of new economic statistical systems known as "National Transfer Accounts (NTA)" and "National Time Transfer Accounts (NTTA)." (For an overview of NTA and NTTA, please see the reverse side)

This seminar will provide an overview of NTA and NTTA, the new statistics born in the era of population ageing. It will also invite the NTA practitioners responsible for policy utilization of NTA and the researchers involved in the development and application of NTA from both domestic and international circles. They will present case studies of the NTA policy applications and the latest insights gained from NTA research. At the final panel discussion, all speakers of the day will discuss the challenges and potential of utilizing NTA/NTTA.

This seminar is an excellent opportunity to gain insights into the broad utilization of NTA/NTTA as tools for evidence-based policymaking and for analyzing the social and economic transformations driven by population aging and fertility decline. We look forward to your participation.

**3 December 2024 11:20AM – 5:35PM** (sign up at 11:00AM)

Hybrid Meeting

Onsite / Online

**【Venue】Hibiya Sky Conference**

Hibiya Fort Tower 11th floor, 1-1-1 Nishi-Shimbashi, Minato-ku, Tokyo

Simul. Interpretation (JPN⇔ENG)

Subtitles (JPN)

Childcare

**FREE  
ADMISSION**

11:20~11:25

## Opening Remarks

11:25~11:50

## Introduction

### NTA and NTTA: The New Statistics in The Era of Population Ageing

**Dr. Reiko HAYASHI** Director-General, National Institute of Population and Social Security Research

What are NTA and NTTA, and how can they be used in policy-making and research? This section provides an overview of NTA and NTTA and introduces the NTA/NTTA data published by the IPSS. Additionally, it discusses the necessity of utilizing NTA/NTTA in Japan's super-aged society, while explaining the aims and purpose of this seminar.

11:50~12:40

## Keynote Lecture

### The Importance of Understanding The Generational Economy

Over the 20 years, the NTA project has developed and applied new tools to analyze the generational economy. The purpose of my talk is to highlight the basic concepts used to understand the economy from a generational perspective, and to discuss how those concepts have been applied to assess the economic impact of rapid population aging.

## Break (60 mins.)

### Session1: Policy Use of NTA/NTTA

13:40~14:00

## Presentation 1

### Inclusive and Sustainable: The UN's Development Agenda and NTAs

The United Nations has shaped the development agenda through measurement frameworks that guide economic, social, and environmental policies. In the 1950s, it developed the System of National Accounts (SNA) manual, which has now evolved into the NTA manual. Achieving a sustainable and inclusive society will require a new framework. This report introduces new initiatives aimed at improving the NTA.

14:00~14:20

## Presentation 2

### Empowering Policy Through Economics: UNFPA and National Transfer Accounts in the Asia-Pacific

UNFPA is utilizing the NTA in the Asia-Pacific region to analyze and strengthen economic and social policies related to intergenerational economy. This lecture will illustrate examples of how NTA data is being used, and introduce UNFPA's support activities, which aim to help governments institutionalize this method, assist in decision-making, promote intergenerational equity, and achieve sustainable development.

14:20~14:40

## Presentation 3

### Policy Application of NTA in Thailand

Over the past decade, Thailand has experienced rapid demographic change toward an aging society. In order to formulate policies appropriate with the changing demographic structure, NTA has been developed and institutionalized at the planning agency of Thailand. The process of NTA development will be presented, followed by how NTA data of Thailand have been used, especially in policy process.

## Break (20 mins.)

### Session2: The Latest Findings in NTA/NTTA Research

15:00~15:20

## Presentation 4

### NTA Network, Research, and Application: Achievements, Challenges, and Opportunities

Over the last 20 years, the NTA network has been growing very rapidly, from 7 countries in 2003 to almost 100 countries 2024. This presentation will explain the factors behind the rapid spread of NTA as well as the challenges involved in applying it to policy. Additionally, it will demonstrate how NTA is useful for analyzing fiscal sustainability, intergenerational equity, economic growth, and the livelihood security of the elderly.

15:20~15:40

## Presentation 5

### Overview of The NTA Research in Japan: Its Initiation and Findings

Since the inception of the NTA project, Japanese researchers have been dedicated to the development, dissemination, and applied research of NTA. In this talk, Prof. Matsukura, one of the founding members of the NTA and a long-time leader of NTA research in Japan, will present an overview of the history of NTA research in Japan and share findings from studies that have revealed the consequences of population aging.

15:40~16:00

## Presentation 6

### NTTA: Overview and 10 Years of Lessons Learned

The NTTA was developed over 10 years ago and now has a database of results from over 30 countries. This talk will give a brief overview of the methodology and then focus on what we have learned from this database. The results include important lessons on the care economy in many areas including human capital development, women's labor force participation, the provision of care for the elderly, and ideational change around the value of "women's work."

## Break (20 mins.)

16:20~17:20

## Panel Discussion

### Challenges and Possibilities of NTA/NTTA Utilization in Policymaking and Research

A discussion by the speakers and presenters of this seminar. The session will summarize insights from each presentation and further explore the challenges and future development potential of NTA/NTTA in terms of both policy and research. Additionally, the discussion will focus on the direction for utilizing NTA/NTTA in Japan.  
**Moderator: Setsuya FUKUDA**

17:20~17:35

## Closing Remarks

### Some new challenges to NTA

**Emer. Prof. Naohiro OGAWA** Visiting Fellow, Asian Development Bank Institute / Distinguished Research Fellow, Malaya University



**Dr. Setsuya FUKUDA** Senior Researcher, Dept. of Research Planning and Coordination, National Institute of Population and Social Security Research

Dr. Fukuda is the leader of the IPSS NTA project. His research focuses on marriage, fertility and intergenerational transfers in comparative settings, focusing on how Japan's gender and intergenerational relations are going to change in relation to population decline, new policies and technological development.



**Emer. Prof. Andrew MASON** Emeritus Professor, Dept. of Economics, University of Hawaii at Manoa

Prof. Mason is a one of the Founding Directors of the NTA Network. He has numerous publications in the field of population economics. His NTA research focuses on the demographic transition's role in development and the effects of population aging on economic growth and public finances in high-income countries.



**Dr. Mun Sim LAI** Population Affairs Office, Dept. of Economic and Social Affairs, the United Nations

Dr. Lai has a Ph.D. in Economics from University of Hawaii. Prior to joining the UN, she taught at California State University and Monash University. She is an expert on NTA. Her area of work includes gender, education, inequality, population ageing, migration, and urbanization.



**Dr. Wassana IM-EM** Regional Technical Specialist on Population and Development, UNFPA Asia-Pacific Office

Dr. Im-em joined UNFPA in 2006, serving as Assistant Representative and later Head of Office in Thailand. In 2021, she took the current position. With over 28 years of experience, she supports UNFPA offices on sexual and reproductive health, population, and development issues.



**Dr. Suphannada LOWHACHAI** Director, Social Data and Indicator Development Division, Office of the National Economic and Social Development Council of Thailand

With background in Economics and PhD in Development Economics, Dr. Lowhachai has been responsible for developing and producing various social indicators. She has also been involved in development of NTA of Thailand since the NESDC started to compile the data in 2013.



**Prof. Sang-Hyop LEE** Professor, Dept. of Economics, University of Hawaii at Manoa

Prof. Lee is the Asian team leader of the NTA project. His studies focus on issues related with aging, labor market, and social welfare. He has published numerous articles focusing issues on population aging, labor market, human capital and social welfare, with emphasis on Asian and Korean economies.



**Prof. Rikiya MATSUKURA** Vice-Director, Nihon University Population Research Institute / Professor, Dept. of Economics, Nihon University

Prof. Matsukura conducts research in the field of demography based on empirical analysis, and has published numerous findings in international population-related journals. He has also been involved in the development of the NTA and has presented many research outcomes related to NTA.

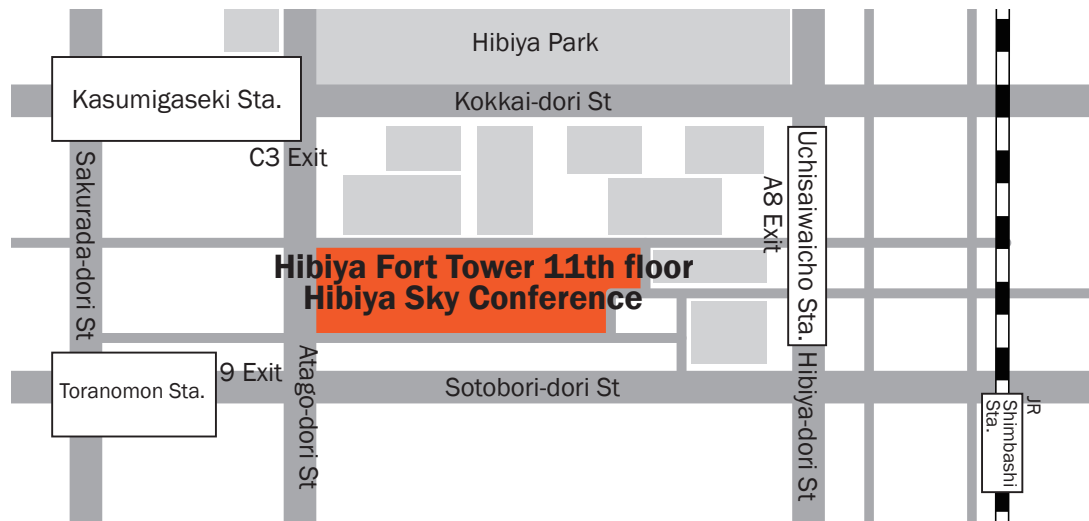


**Dr. Gretchen S. DONEHOWER** Research Specialist with the Center on the Economics and Demography of Aging, University of California at Berkeley

Dr. Donehower is a longtime coordinating member of the NTA project. She is the Founding Director of the Counting Women's Work Project which adds a gender perspective to NTA, including adding the value of unpaid care work to the NTA framework.



## ACCESS



## Registration

Please register via the seminar website  
<https://www.ipss.go.jp/seminar/j/seminar9/index.html>

Please register the childcare service by Friday, November 8th, for logistical reasons.



## "What are NTA (National Transfer Accounts) / NTTA (National Time Transfer Accounts)?"

In Japan, which is facing severe population ageing, and increasing social security burdens, how the income of the working generation is distributed to the younger and older generations is a critical issue that affects the human capital of the younger generations, the well-being of the working population, and the livelihood security of the elderly.

The NTA is a statistical system developed with the support of the United Nations in recent years to analyze the impact of ageing on social security and income transfers within households. The NTA makes it possible to quantify the amount of income transfers, both in the public domain, such as pensions, healthcare, and long-term care, and in the private domain, such as monetary transfers between family members, categorized by gender and age.

The NTTA, on the other hand, converts the unpaid labor involved in household tasks, childcare, and caregiving—activities that do not involve monetary transactions—into monetary equivalents. It then calculates the amounts of such transfers, categorized by gender and age.

By continually publishing NTA and NTTA data, it becomes possible to accurately understand the scale and changes in intergenerational and gender-based transfers in both public and private domains. This data can be utilized to objectively evaluate and analyze the impacts of population ageing and related policy changes on the sustainability of individual social security systems and the fairness of intergenerational transfers in both public and private spheres.

Reference: "Population Ageing and the Generational Economy: A Global Perspective"

URL: <https://idrc-crdi.ca/en/book/population-aging-and-generational-economy-global-perspective>

Contact

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