

The 2nd International Conference and Training Workshop on Household and Living Arrangement Projections for Informed Decision-Making

13 - 14 January 2022 | Via Zoom



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The 2nd International Conference and Training Workshop on Household and Living Arrangement Projections for Informed Decision-Making

13 January 2022 | 14 January 2022

The Centre for Family and Population Research (CFPR) at National University of Singapore (NUS) is planning to hold, online, the 2nd International Conference and Training Workshop on Household and Living Arrangement Projections for Informed Decision-Making on 13-14 January 2022, in collaboration with Population Division of the United Nations (UNPD), Asian Population Association (APA), Center for Healthy Aging and Development Study, National School of Development (CHADS/NSD) at Peking University (PKU), China Population and Development Research Centre (CPDRC) and Population Association of Singapore (PAS). The 1st International Conference and Training Workshop on Household and Living Arrangement Projections for Informed Decision-Making was held on May 9-11, 2019 in Beijing, jointly organized by CPDRC, CHADS/NSD at PKU, and CFPR at NUS.

Household projection is becoming a major research topic with high policy and business relevance. Population growth has slowed down in many countries around the world, with some already experiencing negative growth. In the meantime, households are undergoing major transformations, and numbers of households with various types are increasing quickly due to reduction of household size. Household is the basic unit for analysing energy consumption, the demands of housing, home-consumer goods, eldercare, many other services, and planning of public facilities. Traditional approaches to population projections often dismiss household information, and may thus end up with inaccurate projections of home-based energy demands, housing, home-consumer goods and services that inadvertently mislead policymakers and market analysts.

As a leading tool in the field of household projections, the ProFamy extended cohort-component method/software simultaneously projects households of various types and sizes, considering the sex and age and living arrangements distributions of all individual members of the population under study. So far, scholars from 27 countries, UNFPA and World Bank have downloaded and used ProFamy free software for their projects on household and living arrangement projections to understand topics such as future changes of household structure, old-age living arrangements and care needs/costs, trends of population aging and human capital, future demands of energy, housing, furniture, automobiles and their environmental implications.

In addition to the same basic input data that standard population projections require, the main task of data preparation in order to use the ProFamy extended cohort-component method/software for household and living arrangement projections, is to estimate the age-

sex-specific standard schedules of the occurrence/exposure (o/e) rates of marriage/union formation and dissolutions and the age-parity-specific o/e rates of marital and non-marital fertility. Estimations of these age-sex-specific o/e rates can be relatively easily done by employing recently developed ProFamy user-friendly and free R software DemoRates (www.profamy.com.cn).

This conference will present the cutting-edge development in the methods and applications of household and living arrangement projections, and will also provide valuable opportunity for interested participants to learn about the ProFamy and the newly developed R software DemoRates. Conference participation is open to the public and free of charge. Please visit the conference website for registration and more information:

<https://fass.nus.edu.sg/cfpr/2nd-international-conference-and-training-workshop>

Conference Organization Committee:

Associate Professor Feng Qiushi, Deputy Director of CFPR, NUS (Chair)

Prof Jean Yeung, Founding Director of CFPR, NUS & President of PAS

Dr. Joelle Fong, Assistant Professor, LKY School of Public Policy, NUS

Prof Zeng Yi, Founding Director, CHADS, NSD/PKU

Dr. Zhang Xuying, Deputy Director of CPDRC

Conference Secretary:

Ms. Lu Siyao (Email: lusiyao@nus.edu.sg)

Ms. Zuraihah Binte Mohamad (Email: zuraihah@nus.edu.sg)

Ms. Teo Hui Qing Amy (Email: fasthqa@nus.edu.sg)

The 2nd International Conference and Training Workshop on Household and Living Arrangement Projections for Informed Decision-Making

13 January 2022 | 14 January 2022

13 January 2022 (Thursday) – Singapore Time

09:00 – 09:20 OPENING CEREMONEY AND WELCOME REMARKS

Moderator:

[Bussaranwan Teerawichitchainan & Vincent Chua](#) | Co-director of CFPR, NUS

Feng Qiushi

[He Dan](#) | Director of CPDRC

[Aris Anata](#) | President of APA

[Jean W. Yeung](#) | Founding Director of CFPR, NUS & President of PAS

[Jorge H. Bravo](#) | Chief, Population Policies and Development Branch Population, UNPD

09:30 – 10:00 KEYNOTE- 1 & 2

Moderator:

ProFamy: Method Development and Application

Jean Yeung

[Zeng Yi](#) | Peking University and Duke University, Member of The World Academy of Sciences (TWAS) for the Advancement of Science in Developing Countries, Foreign Member of the Royal Netherlands Academy of Arts and Sciences

10:00 – 11:30 PANEL: Application of ProFamy

Moderator:

Household Projection in Canada (tentative)

Joelle Fong

[Samuel Vézina](#) | Statistics Canada

Applying ProFamy at the Subnational Level: A Case of Southern California, USA

[Feng Qiushi](#) | NUS

Household and living arrangements projections for Brazil and five great regions

[Tirza Aidar & Gustavo Brusse](#) | University of Campinas

Household Projection in Sri Lanka (tentative)

[Lakshman Dissanayak](#) | University of Colombo

Household Projection in Iran (tentative)

[Milad Bagi](#) | Bu-Ali Sina University

Household Projection in the Philippines (tentative)

[Jeofrey Abalos](#) | NUS

LUNCH BREAK

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13 January 2022 (Thursday) – Singapore Time

13:00 – 14:00

PANEL: Dynamics of Household and Living Arrangement in Asia I

Moderator:
Mu Zheng

Changes in Household and Living Arrangement in Vietnam (tentative)
[Nguyen Duc Vinh](#) | Vietnam Academy of Social Sciences

Changes in Household and Living Arrangement in Thailand (tentative)
[Patama Vapattanawong](#) | Mahidol University

Changes in Household and Living Arrangement in Malaysia (tentative)
[Parveen Kaur](#) | University Malaysia Sarawak

A ProFamy-based Projection Study on the Trend of One-person Households in Hong Kong
[Adam Chueng](#) | Hong Kong Baptist University

14:10 – 15:10

PANEL: Dynamics of Household and Living Arrangement in Asia II

Moderator:
Kriti Vikram

Changes in Household and Living Arrangement in India (tentative)
[Premchand Dommaraju](#) | Nanyang Technological University

Changes in Household and Living Arrangement in Pakistan (tentative)
[Sabahat Hussain](#) | Population Council, Pakistan

Changes in Household and Living Arrangement in Nepal (tentative)
[Jhabindra Bhandari](#) | The Joint United Nations Programme on HIV/AIDS (UNAIDS)

What If Reality Is in Conflict with Desire? Living Arrangement and Psychological Wellbeing among Older Adults in China
[Tong Yuying](#) | Chinese University of Hong Kong

15:30 – 16:20

KEYNOTE-3 (Netherland Time 9:30)

Moderator:
Vincent Chua

Household and Living Arrangement Projections: Methodological Challenges and Achievements

[Frans Willekens](#) | University of Groningen & Member of the Royal Netherlands Academy of Arts and Sciences

16:30 – 17:20

KEYNOTE-4 (UK Time 9:30)

Moderator:
Bussaranwan
Teerawichitchainan

TBA

[Emily Grundy](#) | University of Essex & Fellow of British Academy

END OF THE FIRST DAY MEETING

The 2nd International Conference and Training Workshop on Household and Living Arrangement Projections for Informed Decision-Making

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14 January 2022 (Friday) – Singapore Time

10:00 – 12:30 TRAINING: ProFamy Software Package for Household and Living Arrangement Projections

Moderator:
Feng Qiushi

Introduction of ProFamy Methodology and Software

Examples of Market and Policy Research Applications of ProFamy

Practical Exercises, Questions and Answers

13:30 – 15:30 TRAINING: User-Friendly R Software "DemoRates" as Part of ProFamy Package

Moderator:
Feng Qiushi

Introduction of DemoRates: What does DemoRates do?

Estimating Age-Sex-Rural/Urban (or Race)-Specific Exposure/Occurrence (o/e) Rates of Marital/Union Statuses Transitions

Estimating Age-Parity-Rural/Urban (or Race)-Specific Exposure/Occurrence (o/e) Rates of Fertility

Estimating Age-Parity-Rural/Urban (or Race)-Specific Exposure/Occurrence (o/e) Rates of Children Leaving Parental Home

Estimating Age-Sex-Rural/Urban (or Race)-Specific Rates of Immigration and Out Migration

Practical Exercises, Questions and Answers

16:30 – 17:20 KEYNOTE-5 (UK Time 9:30)

Moderator:
Joelle Fong

Some Practical Problems in Making UK National Household Projections

[Michael Murphy](#) | The London School of Economics and Political Science & Fellow of British Academy

17:20 – 17:30 CLOSING REMARKS

[Feng Qiushi](#) | Deputy Director of CFPR, NUS

END OF THE SECOND DAY MEETING