

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

May 9-11, 2019 (May 9-10, conference; May 11, training) Beijing, China, Jointly organized by China Population and Development Research Center, Center for Healthy Aging and Development Study and Raissun Institute for Advanced Studies at National School of Development, Peking University, and Center for Households and Consumption Forecasting of Digit China Health

Significance: Households and living arrangements are pertinent in research and informed decision-making for sustainable development, because housing, energy-use (water, electricity and gas), food, furniture, vehicles, elderly care, children's education, and other home-based services are typically consumed/purchased by households rather than individuals. The front line of this field is forecasting future trends in households and living arrangements, which is of great interest in research, policy making and market analyses, and is the focus of the "International Conference on Household and Living Arrangement Projections for Informed Decision-Making" (May 9-10, 2019) and the Training Workshop on ProFamy free software for household & living arrangement projections (May 11, 2019).

Topics to be Presented/Discussed at the Conference, May 9-10, 2019 include: (1) Past, present and future trends in households and living arrangements and their implications for sustainable development; (2) Methodologies for household and living arrangement projections; (3) Software and databases for household and living arrangement projections and applications; (4) Applications of household and living arrangement projections in socio-economic planning, socio-economic status analyses, policy analyses, children's education, elderly care needs/costs and other home-based services, big data analyses, and market analyses of housing, home-based energy-use (such as water, electricity and gas), food, furniture, and vehicles, etc.; (5) Household and living arrangement projections at sub-national, county and small area levels; and (6) Other related topics.

ProFamy Training Workshop, May 11, 2019: The headship-rate method is still widely used, although it has been widely criticized by demographers for about three decades: it is not linked to demographic rates, projects only a few household types without size information, and deals with household "heads" (a vague and ill-defined concept) but excludes other household members. In contrast, the ProFamy extended cohort-component method uses conventional demographic data as input and projects detailed household types/sizes and living arrangements of all members of the population, including elderly, adults, and children, as well as detailed population size, age, and gender distributions. Published validation tests of household, living arrangement and population projections by comparing projected and census observations show that ProFamy method/software work well in applications for the United States, China and other countries at national, state/province and county levels. This training workshop includes lectures, tutorials, and guided exercises on how to use the new version of ProFamy free software (download from www.profamy.com.cn) with illustrative dataset for participants' own countries applications. Please refer to attached "A Summary Note on Household and Living Arrangement Projections for Informed Decision-Making" as background materials for this international training workshop.

Logistics: Professor Yi Zeng serves as Chair of the Academic Committee for this conference and training workshop. Interested scholars, governmental officers, and business analysts are welcome to participate in the conference and/or training workshop. No registration fees will be charged and the conference will cover lodging and food costs in Beijing for registered participants. Participants will in general need to cover their own transportation costs. Developing countries' researchers who plan to conduct household and living arrangement projections for their own countries and wish to learn the method/software from this conference/training workshop but have difficulty to obtain sufficient travel fund may send conf. contacts a <2-page research plan and CV to apply for partial financial support.

Contacts: send title of your presentation, academic titles and affiliations, etc. to Ms. Guoling Chen (glchen@nsd.pku.edu.cn, Tel. 86-1062753692; 15630626498) as soon as possible.