

Human Capital and Development Pillar at ADRI

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Samir K.C.

Reporting to the Forum about plans for
the future agenda and collaboration
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ADRI

ASIAN DEMOGRAPHIC RESEARCH INSTITUTE
上海大学亚洲人口研究中心暨人口研究所

Summary

- With Wolfgang Lutz
- 6 participants
 - Iran (Prof. Jalal), Thailand (Dr. Elke), Hong Kong (Prof. Paul Yip), and Malaysia (Prof. Cheong)
 - (India, Nepal, China, represented by KC)
 - (Indonesia)
- Research activity to start the collaboration and develop network that also involves other pillars at ADRI
- Measuring Well-being: Sustainable Development Goals (SDGs) / Shared Socio-economic Pathways (SSPs) / National Goals / Sub-national Goals
 - Planning, Monitoring, and Adding layers
- Workshop – population dynamics - Data and Model (in Shanghai organized by ADRI)
- Any other network in Asia we need to join?

Factors defining well-being – *Stiglitz, Sen and Fitoussi (2009)*

- Material living standards (income, consumption and wealth)
- Health
- **Education**
- Personal activities including work
- Political voice and governance
- Social connections and relationships
- Environment (present and future conditions), and
- Insecurity, of an economic as well as physical nature
- In addition, **the freedom of opportunity and sustainability** of such well-being should be measured as well.
- **objective** (10 groups) and **subjective** well-being (3 groups)
- “Should be assessed not independently but should be **linked and correlated** to other factors of well-being and inequality in terms of individuals, **socio-economic groups, gender, and generations**”

Transforming our world: the 2030 Agenda for Sustainable Development

- There are 17 goals and 169 targets in the SDGs,
- Goal3: “ensure healthy lives and promote wellbeing for all at all ages” (MORTALITY);
- Goal5: “achieve gender equality and empower all women and girls”; target 5.6: “achieve universal access to sexual and reproductive health and reproductive rights” (FERTILITY);
- target 10.7: “facilitate orderly, safe, regular and responsible migration and mobility of people...” (MIGRATION).
- Goal4: “ensure inclusive and equitable quality education and promote lifelong learning opportunities for all” (EDUCATION).
- target 4.1 By 2030, “ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes”
- Goal 1: “end poverty in all its forms everywhere” (MORTALITY AND ...) Goal 2: “end hunger, achieve food security and improved nutrition and ...” (MORTALITY)

Multistate Population Dimensions

Events/ Characteristics	Fertility	Mortality	Migration International	Education transition
Country	●	●	●	●
Age	●	●	●	●
Sex	●	●	●	●
Education	●	●	●	●

India by age, sex, education, state (35), and rural/urban residence - 2011-2101

- Data, analysis and projection (Working paper - soon)
- *How much does including socioeconomic and spatial **heterogeneity** matters for future population in India? (currently working)*
- **Urbanization** in India: internal migration vs reclassification (currently working)
- **R-package** for multistate and multiregional population projection (90%) (ready to be shared in *the first workshop planned in March*)

ADRI - Workshop Proposal

- Title: Analyzing and projecting **sub-national** population trends by age, sex, **education and urban/rural** place of residence: Assisting sustainable development planning in selected Asian countries.
- Countries: Initial studies on China, India, Iran, Indonesia, Nepal, Hong Kong SAR, Thailand, and Malaysia (max 10 countries)
- Purpose: To analyse **recent trends** in sub-national populations stratified by education and urban/rural residence and develop **alternative scenarios for the future** following the **SSP narratives** and **SDG scenarios**.

ADRI - Workshop Proposal

Plan

- **First workshop** of participating countries (director + research scientist) – 5 days in first weeks of April 2017 in Shanghai
 - Discussion of **data**, reliability, completeness, consistency etc. (1.5 days)
 - Introduction to **methods** of multi-dimensional demographic analysis in R (3.5 days)
- **Second Workshop**: presentation and discussion of **first results**

Output

- Country specific
 - **multi-dimensional population model**
 - research papers (special Issue)
- papers on methodological insights
- comparative analysis
- Database/Website (consistent)

ADRI - Workshop Proposal

- List of countries and contact person
- Send details about the end product (working paper for India)
- Once agreed, send the plan/timeline, data requirement etc.
- Each country will prepare a team (2+) – CV will be shared
- The participants requirement (R or good programming skill, pre Doc – thesis - or post Doc)
- We set the date in the next month, get the approval from the University (organized by ADRI)
- Number of participants (15-20, max 10 country teams for the R package)

ADRI - Workshop Proposal

- Prepare the description of the workshop as required by the Shanghai University and apply for approval in two weeks time
- Send the initial announcement/invitation to participating country (research heads) – by end November
- Confirmation of participation by end December
- Start working with country teams on Data preparation (Jan – Mar, 2017)
- Day 1: presentation on data issues by each country-team
- Day 2 (First half): discuss issues/planning (projection work + next workshop)
- Day 2 (second half): Introduction to R
- Day 3-5: Multidimensional multi-state population model

ADRI Pillar: Human Capital and Development

- Looking for
 - Associate Professor
 - Assistant Professor
 - Post-Docs and PhDs
- kcsamir@gmail.com
- kc@iiasa.ac.at

People

- Samir KC
- Marcus Wurzer / Markus Springer
- 8 senior researchers (stay for 1.5 days)
- 8-16 technical/young researchers (stay for 5 days)
- Admin: Wu Ying-ji