International Union for the Scientific Study of Population Union internationale pour l'étude scientifique de la population

# IUSSP Bulletin • Issue 41, Sept 2018

In this issue: IUSSP activities at the 4th Asian Population Association Conference
IUSSP Panel Activities 

Data for Development activities
Population

Environment activities
Call for Laureate nominations
News from the members
Secretariat news
Regional population associations
Other announcements
N-IUSSP
Calls for papers
Job opportunities
Calendar

# **IUSSP** activities at the 4th Asian Population Association Conference

# 2018 APA Conference in Shanghai

The IUSSP was present at the 4th Asian Population Association Conference in Shanghai, China 11-14 July 2018. The IUSSP held a booth and organized a preconference workshop and special sessions. For more details on the conference and plenary key notes read here.

# Session on "Innovations in longitudinal and crossnational surveys"

At the invitation of the Asian Population Association, the IUSSP organized a well-attended session at the APA Conference on "Innovations in longitudinal and cross-national surveys" chaired by Nico van Nimwegen, IUSSP Secretary General. (Read more)

# Meeting with the China Population and Development Research Center (CPDRC)

The 4th Asian Population Association Conference was an opportunity for IUSSP to strengthen its ties with the population research community in China. The IUSSP met with Dr. Liu Hongyan and her team from the China Population and Development Research Center (CPDRC) along with Dr. Gu Danan from the UN Population Division and Zhao Yuan Dean of Nanjing Normal University, Ginling College. (Read more)

# Side Event on Mandarin translation of Tools for Demographic Estimation

The China Population and Development Research Center (CPDRC), the Centre for Family and Population Research, National University of Singapore, Nanjing Normal University, Ginling College, and the Asian Demographic Research Institute jointly organized with IUSSP a side meeting to promote the Mandarin version of *Tools for Demographic Estimation*. (Read more)







# **IUSSP** Panel Activities

# **New Panel Proposals**

The call for new Panel proposals closed on 15 September. Eleven proposals were submitted. These will be reviewed by the IUSSP Council during the month of October and the new panels should be operational beginning 2019. (Read more)

# **IUSSP Project on Urban Family Planning**

Here is a brief update on the outcome of the Call for Proposals for research fellows, information on a new related Post-Doctoral Fellowship to be based at the University of Bristol, as well as details on upcoming activities at the International Family Planning Conference in Kigali, Rwanda in November. (Read more)

## Special workshop on Family law, public policy and family behavior

The IUSSP Scientific Panel on Family Demography and Family Law organized this session at the 4th Asian Population Association Conference in Shanghai, China, on 13 July 2018.

(Read more)

# Data for Development activities

## Workshop on Making Sense of Online Data for **Population Research**

The IUSSP Scientific Panel on Big Data and Population Processes organized a workshop on Making Sense of Online Data for Population Research on 25 June 2018 in Stanford, California, as part of the 2018 International Conference on Web and Social Media (ICWSM). (Workshop Report)

# **Bayesian Small Area Estimation using Complex Survey Data: Methods and Applications**

The Two-Day Short Course on Bayesian Small Area Estimation using Complex Survey Data: Methods and Applications was held in Shanghai, China, on 10 and 11 July 2018 at the 4th Asian Population Association Conference. (Workshop Report)

# Summer Institute in Computational Social Science, Cape Town, June 18 - June 29

The Summer Institute in Computational Social Science (SICSS) held a two-week training workshop from 18 to 29 June at the University of Cape Town. The workshop provided African scholars and students from various disciplines the opportunity to learn new quantitative methodologies related to digital trace data. (Workshop Report)











# Population-Environment activities

# PERN cyberseminar

The Population-Environment Research Network (PERN) will be organizing a cyberseminar the week of 12 November 2018 on "Climate, migration and health: an underexplored intersection". (Read more)

# **IUSSP** Laureate

### **IUSSP Laureate Award 2019 – Call for nominations**

Would you like one of your colleagues to be honoured for their decisive contribution to the advancement of demography and population research? Do not hesitate to round up support and propose a nomination for the 2019 IUSSP Laureate award.

Deadline for nominations: 1 November 2018. (Read more)

# News from the members

### Spatial Demography

Stephen Matthews (Penn State) has joined Jeremy Porter (CUNY Brooklyn College) as co-editor of the Springer journal *Spatial Demography*, which publishes articles that stress the critical use and application of spatial concepts, data, measures and methods in demographic research. The journal publishes both substantive and methodological papers from across the discipline and its related fields (including economics, geography, sociology, anthropology, environmental science) and in applications ranging from local to global scale.

# Jacques Légaré receives Gérard Parizeau award

The 2017 Gérard Parizeau Award was bestowed to Jacques Légaré, Emeritus Professor of Demography at the University of Montreal, in recognition of his exceptional contribution to the understanding of the demography of Quebec and Canada, and more specifically, the economic and social impacts of population ageing.

### Members' new publications

- Trajectories and Origins: Survey on the Diversity of the French Population, edited by Cris Beauchemin, Christelle Hamel and Patrick Simon.
- Géographie des populations. Concepts, dynamiques, prospectives, by Gérard-François Dumont.
- Paths of Inequality in Brazil. A Half-Century of Changes, edited by Marta Arretche.

(Read summaries)

### New IUSSP members

Ten new members and 27 new student associates joined the IUSSP between 1 June 2018 and 1 September 2018.

(See list)



Spatial Demography



# In Memory

Basia Zaba (1949–2018).

# Secretariat News

### Welcome to Barbara Kaci

We wish to welcome Barbara Kaci as Finance and Administrative Assistant at the IUSSP Secretariat. She is temporarily replacing Adelaide Twumasi, who is on maternity leave. (Read more)

# **Regional population associations** 2019 African Population Conference in Kampala

The Union for African Population Studies (UAPS) announces that the 8th African Population Conference will take place in Kampala, Uganda, 18-22 November 2019. Read the concept note on the conference theme: "Harnessing Africa's Population Dynamics for Sustainable Development: 25 Years after Cairo and Beyond". (Read more)

# 2019 PAA Annual Meeting in Austin

The next Annual Meeting of the Population Association of America (PAA) will take place in Austin, Texas, 10-13 April 2019. The deadline for abstract submissions closed on 16 September 2018. Congratulations to former IUSSP Council member Eileen Crimmins, who was elected PAA President for 2020. (Read more)

# 2018 APA Conference in Shanghai

The 4th Asian Population Conference took place in Shanghai, China, 11-14 July 2018 at Shanghai University. The conference brought together 426 international participants from 34 countries and 125 Chinese participants from academic institutions, government agencies, NGOs and private sectors. The IUSSP was present with a booth and a number of activities. See Conference website, book of abstract and photo gallery. (Read more)

# XX AIDELF Conference / 44th Chaire Quetelet

AIDELF and the Chaire Quetelet jointly organized this year from 28 to 31 August 2018 a conference on the theme "How do we age?". Some 130 participants came together at the Aula Magna in Louvain-la-Neuve to listen to approximately 80 paper presentations and discuss ageing in its various dimensions and levels of analysis.

(Read more)











# Other announcements

# The USMDB: a new database to study geographic variations in US mortality

The United States Mortality DataBase (USMDB) provides period lifetable series by sex for US geographies (all Census Divisions, Census Regions, States and D.C.) for all years since 1959. It is freely accessible and the data can be downloaded upon a short registration process. The USMDB series will be updated as new data become available and expanded to include cause-of-death information and, possibly, county-level lifetables. (Read more)

# **China Population and Development Studies**

*China Population and Development Studies* (CPDS) is a quarterly English academic journal focusing on China's population and development, hosted by the China Population and Development Research Center (CPDRC) and affiliated to the National Health Commission of China. (Read more)

# Call for Editorial Board Members. Population and Environment, Volumes 40-44, 2019-2023

Springer and *Population and Environment* invite nominations for the 2019-2023 editorial board of the journal. This leading scientific journal in the fields of population and environmental studies publishes one volume of four issues per year. It is the sole social science journal focused on interdisciplinary research on social demographic aspects of environmental issues. Deadline for nominations: **30 Sept. 2018**. (Read more)

# Population Council. Adolescent Data Hub

Are you conducting or interested in research on adolescents? In August, the Population Council's Girl, Innovation, and Research Learning (GIRL) Center launched the Adolescent Data Hub, a unique global portal to share and access data on adolescents and young people living in low- and middle-income countries. (Read more)

# Sociological Insights for Development Policy

The Sociology of Development section of the American Sociological Association (ASA) has established a Sociological Insights for Development Policy series to build bridges between development sociologists examining the social determinants and consequences of development and professionals engaged in formulating development policy and practice. (Read more and contribute a brief)

# Mid-term Review of the Asian and Pacific Declaration on Population and Development

From 26-28 November 2018, the Economic and Social Commission for Asia and the Pacific (ESCAP), in collaboration with UNFPA, will hold the Mid-Term Review of the Asian and Pacific Declaration on Population and Development in Bangkok. (Read more)

China Population and Development Studies









# **N-IUSSP**

# **N-IUSSP's recent articles**

- Stability of U.S. couples with children in a comparative perspective, by Katherine Michelmore and Kelly Musick.
- Ageing without children in Thailand: bad for mental health? by Nekehia T. Quashie and Wiraporn Pothisiri.
- Marriage markets and assortative mating in first marriages and remarriages in the USA, by Zhenchao Qian and Daniel T. Lichter.
- Adolescent contraceptive use and its effects on fertility, by David A. Sánchez-Páez and José A. Ortega.
- Fertility decisions in Poland: looking beyond national boundaries, by Joanna Marczak, Wendy Sigle and Ernestina Coast.
- Stability of cohabiting unions in Europe, by Zuzana Zilincikova.
- Birth spacing and long-term health and mortality, by Kieron Barclay.
- The myth of the sandwich generation in Brazil, by Maria Carolina Tomás, Everton Emanuel Campos de Lima and Bernardo Lanza Queiroz.

• Present and future of female genital mutilation/cutting in Europe, by Livia Elisa Ortensi. (Read articles)

# Calls

#### Calls for papers

- Giornate di Studio sulla Popolazione Popdays 2019, Bocconi University, Milan, Italy, 24-26 January 2019. Deadline for submissions: 30 September 2018
- Family and Fertility over the Life Course in Europe, University of St Andrews, United Kingdom, 15-16 November 2018. Deadline for submissions: 30 September 2018
- 16th Annual Conference of the Indian Association for Social Sciences and Health (IASSH), New Delhi, India, 10-12 December 2018. Deadline for submissions: 30 September 2018
- Popdays 2019 Side Event: Quantitative research on non-heterosexual populations: measuring homo-bisexual attraction, behavior, orientation, living arrangements, and opinions on homo-bisexuality in a population perspective., Milan, Italy, 24 January 2019, 8.30-12.30. Deadline for submissions: 1 October 2018
- 18e colloque national de démographie : Unions/Désunions/Non union, Dijon, France, 21-24 May 2019. Deadline for submissions: 15 October 2018
- IUSSP Seminar on Lifespan Extension with Varying Cause-of-death Trajectories in European Societies, Rauischholzhausen Castle (Hessen), Germany, 11-13 February 2019 Deadline for abstract submissions: 15 October 2018
- *Population* Young Author Prize. Deadline for submissions: 5 November 2018, Immigrants' Integration: Educational Opportunities and Life Chances
- Monte Verità (Lake Maggiore), Switzerland, 23–28 June 2019. Deadline for submissions: 15 November 2018.
- 10th Demographic Conference of "Young Demographers". Actual Demographic Research of Young Demographers (not only) in Europe, Prague, Czech Republic, 7-8 February 2019. Deadline for submissions: 14 November 2018.
- 6th Annual International Conference on Demography and Population Studies, Athens, Greece, 17-20 June 2019. Deadline for submissions: 19 November 2018
- 2019 Annual Conference of the Population Association of Taiwan, Taipei, Taiwan, 19-20 April 2019. Deadline for submissions: 19 November 2018 (23:59 PM East Asian Time)



• 21st Nordic Demographic Symposium, Reykjavik, Iceland, 13-15 June 2019. Deadline for submissions: 1 December 2018

# Job opportunities

#### Employment announcements

- Tenure-Track Faculty Position in Demography, McGill University (Montreal, Canada). Deadline for Applications: 27 September 2018
- Consultancy: Statistician/demographer Supporting UNICEF activities for mortality. Deadline for Applications: 28 September 2018
- Research Fellow Position. University of Ghana. Deadline for Applications: 5 October 2018
- Unicef: Statistics Specialist Mortality. Deadline for Applications: 15 October 2018
- Assistant Professor Infrastructure and Data Science Goldman School of Public Policy. University of California, Berkeley. Deadline for Applications: 15 October 2018
- Senior Research Associate, IUSSP Scientific Programme on Family Planning, Fertility and Urban Development, School of the Geographical Sciences, Bristol University. Deadline for applications: 21 October 2018
- Postdoctoral researcher on the "LifeCycle Early-life stressors and LifeCycle health" project, International Migrations and Minorities Research Unit, French Institute for Demographic Studies (INED), Paris, France. Deadline for Applications: 29 October 2018
- University of Rostock. Non-tenure track Professorship in Demography. Deadline for Applications: 31 December 2018

# Calendar

### Forthcoming IUSSP meetings & other events

- World Social Science Forum 2018, Fukuoka, Japan, 25 28 Sept 2018
- VIII International Congress of the Latin American Population Association (ALAP), Puebla, Mexico, 23-26 Oct 2018
- Open International Conference: Refugees, Borders and Membership, Malmö, Sweden, 24-26 Oct 2018
- European Consortium for Sociological Research. 2018 Conference, Paris, France, 29-31 Oct 2018
- 2018 International Conference on Family Planning (ICFP), Kigali, Rwanda, 12-15 Nov 2018
- **IUSSP Workshop: Uncertainty and Complexity of Migration**, London, United Kingdom, 20-21 Nov 2018
- IUSSP Seminar on Incidence and Safety of Abortion: New Evidence and Improvements in measurement, Watamu, Kenya, 3-5 Dec 2018
- Wittgenstein Centre Conference 2018 3rd Human Fertility Database Symposium, Vienna, Austria, 5-7 Dec 2018
- Intergovernmental Conference to adopt the Global Compact on Migration, Marrakech, Morocco, 10-11 Dec 2018
- 16th Annual Conference of the Indian Association for Social Sciences and Health (IASSH), New Delhi, India, 10-12 Dec 2018
- 8th Annual International Conference on Immigration in OECD Countries, Paris, France, 10-11 Dec 2018
- **IUSSP workshop on Monitoring mortality in the context of the SDGs**, Rostock, Germany, 11-13 Dec 2018

- 10th Demographic Conference of "Young Demographers" Actual Demographic Research of Young Demographers (not only) in Europe, Prague, Czech Republic, 7-8 Feb 2019
- IUSSP Seminar on Lifespan Extension with Varying Cause-of-death Trajectories in European Societies, Rauischholzhausen, Germany, 11-13 Feb 2019
- 2019 Annual Meeting of the Population Association of America (PAA 2019), Austin, Texas, USA, 10-13 April 2019
- 2019 Annual Conference of the Population Association of Taiwan. Taipei, Taiwan, 19-20 April 2019
- 6th Annual International Conference on Demography and Population Studies, Athens, Greece, 17-20 June 2019
- 21st Nordic Demographic Symposium, Reykjavik, Iceland, 13-15 June 2019
- 8th African Population conference, Kampala, Uganda, 18-22 Nov 2019

# Submit your announcements

Feel free to share news from your institution and region so that we can keep all IUSSP members informed about recent or forthcoming events and opportunities in the population field. IUSSP members are welcome to submit information on conferences, job openings, post-doctoral positions, and research grants for inclusion in the newsletter and IUSSP website. Please send the information to contact@iussp.org and remember to include important dates for application deadlines (and photos when appropriate). Information should be sent by email or in a Word document so that it can be edited. For inclusion in the next Bulletin, please send information by 1 December 2018. We look forward to hearing from you soon.

#### IUSSP Bulletin / Bulletin de l'UIESP

Publication Director: Mary Ellen Zuppan, IUSSP Executive Director ISSN: 2427–0059

# 2018 APA Conference in Shanghai Shanghai, China, 11-14 July 2018

The 4th Asian Population Association (APA) Conference took place in Shanghai, China from 11 to 14 July at the Shanghai University Baoshan campus and nearby Baoshan Conference Center. The Conference, which is held once every 4 years, was an occasion to meet with IUSSP members based in Asia and forge contacts with demographic institutions in China, hear the latest research on demographic trends in Asia, and explore Shanghai, a center of finance and trade and one of China's largest cities with over 25 million inhabitants. The IUSSP set up a booth, organized a preconference workshop and a special IUSSP session, and participated in several other sessions during the Conference.



The Bund, Shanghai

The APA conference brought together 426 international participants from 34 countries and 125 Chinese participants from academic institutions, government agencies, NGOs and private sectors. The regular conference sessions, posters and exhibits took place on Shanghai University's Baoshan campus in its new east wing buildings, while the opening and closing ceremony and plenaries took place at the Baoshan Conference Center.

The Conference opened on Wednesday 11 July with an opening plenary that featured two key note addresses by prominent IUSSP members. The first keynote address was given by the 2009 IUSSP Laureate Jane Menken (Institute of Behavioral Science (IBS) University of Colorado Boulder), who reminded population researchers to consider the long-term consequences of population change for human wellbeing in her talk "Thirty-Five Years Later: Long-term effects of the Matlab Maternal and Child Health and Family Planning Program". In "The Transition to Adulthood in Asia: Keeping the Promises of the Sustainable Development Goals (SDGs) for adolescents and youth", IUSSP Vice President Shireen Jejeebhoy examined the degree to which Asian countries were assuring a successful transition to adulthood for the region's youth.



Shireen Jejeebhoy, APA Conference, Shanghai 2018.

The plenary on Tuesday 12 July featured the Presidential address by APA President Doo-Sub Kim, who spoke on "Cross-Border Marriage in Asia: Key Features, Major Issues and Lessons for Future Research". His address was followed by words of thanks to the host country organizers including Leiwen Jiang and his team at the Asian Demographic Research Institute (ADRI), Shanghai University. The plenary included a banquet and closed with a rousing performance featuring faculty and students from Shanghai University's School of Music, who covered a range of musical genres from classical music and opera to jazz and traditional Chinese songs and drum performances.



During the week, participants could select from a broad range of topics covered in 81 scientific sessions, daily poster sessions, special workshops or a visit to the booths in the exhibit area, which in addition to the IUSSP, included representatives from UNFPA, IPUMs Center for Data Integration, the Australian National University, the Asian MetaCentre (Singapore), and the Institute for Population and Social Research at the University of Mahidol, as well as representatives of several population research centers in China.



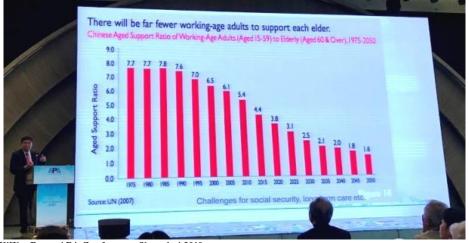
Nico van Nimwegen and Conference participant at the IUSSP Booth at the APA Conference, Shanghai 2018.

The Conference ended on Saturday 14 July with a closing plenary session which featured 4 keynotes focusing mostly on Asia. K.C. Samir (ADRI, Shanghai University), presenting on behalf of Wolfgang Lutz, compared country investments in education and human capital within Asia, demonstrating how these investments, which were particularly strong in China, would make the 21st Century an Asian century. In "The Growing Indian Middle Class and Family Change in India", Sonalde Desai (University of Maryland & NCAER, India), sought to reconcile the seemingly contradictory trends in India whereby women's enrollment in school has increased and fertility has fallen, while women's employment has declined and arranged marriages persist, arguing that demographers need to rethink demographic theory's emphasis on the relationship between wealth and modernity and explore more closely the nexus between economic and social mobility in societies marked by returns to religious fundamentalism.



Sonalde Desai, APA Conference, Shanghai 2018.

XiZhe Peng, Fudan University, brought attention to the challenges China faces with a rapidly ageing population and explored new ideas and innovations for addressing an ageing society in "What China Can Learn From Other Asian Countries And Regions In Coping With Aging". The final key note speaker, Zolt Speder (Hungarian Demographic Research Institute), President of the European Association for Population Studies, shifted attention from Asia to Europe, exploring a topic that is also of concern for many in Asia –low fertility – in "Fertility intentions and realization in a comparative perspective: drivers and divides in low fertility context". The conference ended with the General Assembly of the Asian Population Association, leaving Saturday afternoon open for site seeing in Shanghai.



XiZhe Peng, APA Conference, Shanghai 2018.

Summaries of the key note addresses and biographies of key note speakers are available <u>here</u>.

APA Conference information is available <u>here</u>.

For more information on IUSSP events organized at the Conference click on the following articles:

- Two-Day Short Course on Bayesian Small Area Estimation using Complex Survey Data: Methods and Applications
- IUSSP session on Innovations in Longitudinal and Cross-national Surveys
- APA Special workshop 9: Family law, public policy, and family behavior
- Side Event to promote the publication of a Mandarin translation of Tools for Demographic Estimation
- Meeting with the China Population and Development Research Center (CPDRC)

# **IUSSP session on Innovations in Longitudinal and Cross**national Surveys at the 4th APA Conference *Shanghai, China, 13 July 2018*

At the invitation of the Asian Population Association (APA), the IUSSP organized a wellattended session on cross-national and longitudinal surveys, which are an important source of micro-data for population research and provide important insights into changes in demographic behaviour over time and across countries. The session was organized and chaired by Nico van Nimwegen, IUSSP Secretary General, and included presenters working on major surveys in China, India, Indonesia, and one global cross-national survey.

Cross-national and longitudinal surveys are changing rapidly through the application of new technologies and innovations. These allow, for instance, for comparative surveys to be fielded across multiple countries simultaneously, to cover complex family structures or remote areas that previously were hard to capture, or include new sources of information such as biomarkers. In the specific area of social demography, there is an ever-expanding range of innovations that also allow for the integration of big data technologies and the internet-of-things into traditional survey processes, such as smart phone apps or wearable devices that measure concepts such as health and time use. This session allowed participants working on cross-national and longitudinal surveys to present innovations they have implemented and discuss the changing nature of the field and emerging new challenges.

**The China Family Panel Study (CFPS)** was introduced by Yan Sun (Center for Social Research/Institute of Social Science Survey, Peking University). The China Family Panel Studies is a national longitudinal general social survey project. By collecting data at three levels (individual, family, and community), the project aims to document changes in Chinese society, economy, population, education, and health, to provide data for academic research and public policy analysis.

The presentation covered innovations to improve the coverage of migrants, including the adoption of an Event History Calendar to collect the residential history of migrants. Sequential mixed-mode data collection was applied in response to the increasing migrant samples in CFPS.

**The India Human Development Survey** was presented by Sonalde Desai, Professor of Sociology, (University of Maryland, and Senior Fellow National Council of Applied Economic Research, New Delhi) and Debasis Barik (Associate Fellow at the National Council of Applied Economic Research, New Delhi). The India Human Development Survey includes over 40,000 households covering both urban and rural areas. Wave 1 of IHDS was administered in 2004-5, Wave 2 took place in 2011-12 and a third wave is planned for 2019-20.



Over this long period, households tend to divide and recombine, creating complex family relationships. Moreover, norms regarding marital exogamy lead to a large proportion of the young women in the sample leaving their natal villages to marry outside the village. The presentation focused on the challenges involved in maintaining household panels in samples with significant sex-selective migration.

Unfortunately the presentation of the **Indonesian Family Life Survey (IFLS)** by Firman Witoelar (Rand Corporation), which would focus on the use of dried blood spots in longitudinal surveys, had to be cancelled. The Indonesia Family Life Survey (IFLS) is a household/community level panel survey with 5 waves to date: 1993, 1997, 2000, 2007 and 2014. IFLS has collected blood samples since wave 2, in 1997, using a hand held meter (Hemocue). In 2000 IFLS began collecting dried blood spot (dbs) samples demonstrating that blood sample collection could be successfully carried out in a large scale population survey.

**The Generations & Gender Survey (GGS)** was presented by Tom Emery (Netherlands Interdisciplinary Demographic Institute NIDI and Erasmus University Rotterdam) who focused on the use of online data collection in longitudinal surveys. The Generations & Gender Survey is a large cross-national survey focusing on demographic behavior and family dynamics (www.ggpi.org). In 2020 a new round of the survey will be conducted in countries across the world. In preparation for this, the GGS has run a field experiment utilizing a push to web (P2W) framework which encourages users to fill out the GGS online (CAWI) rather than through a face to face (F2F) interview. This experiment was carried out in three countries: Croatia, Germany, and Portugal, countries with very different sampling frames and internet penetration.



#### Discussion

In the general discussion it was stressed that longitudinal surveys are vital tools in population research, providing key information on the dynamics of demographic behavior and demographic change. It was clear that these tools can successfully be applied both in more and less developed settings, and across a wide variety of cultural settings. The introduction of new techniques in these longitudinal surveys, including biomarkers and web-based data, makes them even more valuable as researchers worldwide adapt to an evolving data environment. Common issues that were discussed included response rates and panel maintenance, also data storage and data accessibility.

An important conclusion was that a professional organization such as the IUSSP would be an ideal platform for longitudinal researchers in the population field to exchange information and share best practices. The Chair mentioned that an IUSSP Panel provides an ideal framework to start such an initiative and encouraged those attending to propose such a Panel.

# Meeting with the China Population and Development Research Center (CPDRC). Shanghai, China, 11 july 2018

The **4th Asian Population Association Conference** in Shanghai was an opportunity for IUSSP to strengthen its ties with the population research community in China. Nico van Nimwegen, Secretary & General Treasurer and Mary Ellen Zuppan, Executive Director of IUSSP met with Dr. Liu Hongyan, Deputy Director General of China Population and Development Research Center (CPDRC) and her team along with Dr. Gu Danan from UN Population Division and Zhao Yuan Dean of Nanjing Normal University, Ginling College on the afternoon of 11 July. The meeting included discussion of a project to translate into Mandarin *Tools for demographic estimation* which is coordinated by Dr. Gu and in part funded by Ginling college and considered future collaboration between IUSSP and Chinese population scholars.

Dr. Liu briefly outlined CPDRC's current research and the new edition of their quarterly journal *China Population and Development Studies*. The journal publishes articles in English. CPDRC has asked IUSSP to advertise the journal to IUSSP members and encourage IUSSP members working on population and development issues in China to submit their scholarly research articles to the journal.

In addition IUSSP and the CPDRC discussed how they could strengthen future cooperation through training, advertising opportunities for scholarly exchanges, and promoting information on IUSSP activities to scholars in China. The meeting ended with a decision to sign a Memorandum of Understanding this year that will outline concrete activities to further collaboration between IUSSP and the CPDRC.



# Side Event to promote the publication of a Mandarin translation of Tools for Demographic Estimation. *Shanghai, China, 12 july 2018*

On the morning of July 12, the China Population and Development Research Center (CPDRC), Centre for Family and Population Research of National University of Singapore, Nanjing Normal University Ginling College, and Asian Demographic Research Institute jointly organized with IUSSP a side meeting to promote the Mandarin version of *Tools for Demographic Estimation* for Chinese demographers and demography students during the 4th Asian Population Conference.

The event was chaired by Dr. Liu Hongyan, Deputy Director of China Population and Development Research Center (CPDRC). Dr. Gu Danan from UN Population Division introduced the translation process for this book and its significance and IUSSP Executive Director Mary Ellen Zuppan provided an overview of the genesis of the project to create *Tools for Demographic Estimation*. Director Zhao from Nanjing Normal University Ginling College and Prof. Ren Yuan from Fudan University also gave presentations underscoring the contribution this work will have for Chinese scholars and population experts working with Chinese population data.

*Tools for Demographic Estimation* is an online book http://demographicestimation.iussp.org/ created in 2013 by a consortium of scholars coordinated from the University of Cape Town as part a UNFPA-funded IUSSP project. The volume is a direct descendent of the United Nation's Manual X introducing key methods for estimating demographic parameters from limited or defective data that reflects advances in approaches to demographic estimation since the last publication of Manual X in 1983. This web-based, online manual provides clear instructions and tools to check the quality of census and survey data for three demographic indicators (fertility, mortality and migration), providing instructions on which method to use to obtain correct estimates under a given condition. The book not only provides detailed instructions to apply the various methods, but also highlights the main assumptions, applications and limitations of each method, as well as the possible consequences of breaking with the assumptions. Through the use of examples and downloadable excel worksheets, this book is highly practical and operative. The demographic estimation methods described in this book can significantly improve the accuracy of demographic parameters and strengthen our understanding of demographic trends and population dynamics, thus helping us formulate more scientific and rational population policies.



# **IUSSP Project on Urban Family Planning**

#### Call for research fellow proposals

The IUSSP received fifty-one complete fellowship applications from eligible researchers in response to the **Call for Proposals** for 1-3 year research projects on family planning and fertility change in urban areas of sub-Saharan Africa and South Asia. Members of the **IUSSP Panel on Family Planning, Fertility and Urban Development** are currently reviewing the applications. A short-list of 10-15 applicants will be selected and invited by 1 October to present their projects during a workshop that IUSSP will organize in Kigali, Rwanda 8-9 November 2018. During the workshop applicants will receive comments and feedback on their proposed projects from IUSSP Panel members in order to improve the proposal to be resubmitted for a final review and selection of fellows in January 2019.

This will be the first wave of fellowships in this Bill and Melinda Gates Foundation funded project, which will support overall up to 17 early-career researchers (PhDs awarded within the last 10 years) based at institutions in sub-Saharan Africa and South Asia to conduct high-quality, policy-relevant research in a limited timeframe. Most fellowships will last for two years, with a few lasting one or three years. The programme aims both to build the policy-relevant evidence base on family planning and fertility outcomes in urban areas of these regions, and to provide skill-building opportunities to early-career researchers to work on issues of urban family planning.

For those who missed the first call or did not have time to apply, there will be a second call for fellows to be announced early 2019. Given this first experience, there will likely be some changes to the Call for Proposals so watch for the IUSSP email announcing the next application round.

#### **Post-Doctoral Fellowship**

In addition to the research fellowships, the Bill and Melinda Gates Foundation recently approved an additional small grant to support a **Post-Doctoral Fellow** who will work closely with IUSSP Panel members Professor Susan Parnell in the School of the Geographical Sciences at Bristol University and, remotely, with Professor Mark Montgomery at the Population Council in New York. The Post-Doctoral Fellow will undertake new individual and joint research on the genesis and evolution of the scholarship and practice links between reproductive health, family planning and urban development. The goal is to generate one or two new high impact papers that provide an up-to-date understanding of the field and its coherence, and to prepare the ground for the consolidation and expansion of new work in reproductive health and family planning that specializes in cities.



Kigali, Rwanda.

# Upcoming activities at the International Conference on Family Planning(ICFP), Kigali, Rwanda, 12-15 November 2018

In addition to the Fellow's workshop in Kigali, Rwanda, the IUSSP Panel will also participate in a Pre-Conference on urban reproductive health– Healthy Cities Now and in the Future: The Critical Role of Urban Reproductive Health, 11-12 November 2018, sponsored by the Bill & Melinda Gates Institute for Population and Reproductive Health and The Challenge Initiative (TCI). The forum will explore the breadth and depth of rapid urbanization and its impact on poverty and the health of those living in cities. Panelists will discuss the urgent need to specifically address the health of the urban poor and how family planning can help change this landscape for the better.

On Wednesday **14 November 10:25 -11:45**, the IUSSP is sponsoring a Pre-formed Panel during the ICFP on the topic **Family planning**, **fertility and urban welfare in the rapidly growing cities of sub-Saharan Africa and South Asia: Policy implications**. This will be a moderated discussion with the audience featuring four leading experts in urban fertility and family planning issues. Zeba Sathar, (Population Council, Pakistan) will serve as moderator for the discussion and speakers include Ilene Speizer (University of North Carolina at Chapel Hill), Eliya Zulu (African Institute for Development Policy – AFIDEP), Joyce Mumah (African Population & Health Research Center – APHRC), and Siddharth Agarwal (Urban Health Resource Centre – UHRC). The discussion will focus on the following issues:

- Perspectives on the family planning needs of urban populations, focusing on specific disadvantaged groups.
- Consequences of improving access to and use of family planning, and of falling fertility, for the wellbeing of urban populations.
- Research and policy challenges.

If you will be attending the ICFP, we hope you will attend the session and encourage your colleagues to come as well. For more information on the ICFP please visit their website at http://2018.fpconference.org/.



Kigali Conference Center – KCC

# APA Special workshop 9: Family law, public policy, and family behavior *Shanghai, China, 13 July 2018*

The IUSSP Scientific Panel on Family Demography and Family Law organized this session at the 4th Asian Population Association Conference in Shanghai, China, on 13 July 2018. The session was chaired by T.V. Sekher (International Institute for Population Sciences, Mumbai); Minja Kim Choe (East-West Center, Honolulu) served as discussant.



Dr. Sigma Ainul, Prof. Yingchun Ji, Prof. T.V. Sekher, Dr. Ki Tae Park, and Prof. Minja Kim Choe.

Three papers were presented during this session:

1. Generational Difference in Women's Fertility Intentions under China's Two-Child Policy Yingchun Ji, Huiguang Wang, Yue Liu and Ruonan Xu (Shanghai University, Shanghai, China)

2. The Use of Family-Friendly Programs and Its Impact on Fertility Intention in Korea *Ki Tae Park (University of Hawaii, Honolulu, United States)* 

3. Innovation in the model of adolescent friendly health corners to expand sexual and reproductive health services in Bangladesh- success and challenges *Sigma Ainul and Iqbal Ehsan (Population Council, Dhaka, Bangladesh)* 

For more information on the papers presented at this session:

• Session summary



# Making Sense of Online Data for Population Research Stanford, United States, 25 June 2018

The **IUSSP Scientific Panel on Big Data and Population Processes** organized a **workshop on Making Sense of Online Data for Population Research** on 25 June 2018 in Stanford, California, as part of the **2018 International Conference on Web and Social Media (ICWSM)**. **Lee Fiorio** of the University of Washington led the organization with the aim of bringing together social scientists and data scientists across academia and industry to discuss challenges and innovative solutions to working with new forms of digital data in demographic research.

Two keynote presentations were given. The first was by **Joshua Blumenstock**, professor and director of the Data-Intensive Development Lab at University of California, Berkeley. Joshua Blumenstock's keynote was titled "Real-Time Measures of Poverty and Vulnerability" and described the potential of using mobile data to produce dynamic and spatially granular estimates of relative welfare in developing countries. The second was by **Ingmar Weber**, research director for Social Computing at the Qatar Computing Research Institute (QCRI). Ingmar Weber's keynote was titled "Tapping Into Online Advertising Portals for Global Demographic Data" and entailed an engaging demonstration of online advertising APIs and the kinds of demographic analyses they can facilitate.

The workshop also involved two paper sessions. The first paper session, organized thematically around issues related to inference, featured three papers that discussed strategies for inferring a range of demographic behaviors and outcomes from online data including mobility and migration, fertility and fecundity, and drug use. The second paper session, organized thematically around issues related to bias, featured three papers that discussed strategies for assessing, understanding and overcoming bias in online surveys or more indirect forms of inference from social media data. For more detail, see the **workshop program**.

With over 20 academic scholars and researchers from industry in attendance, there were a number of engaging discussions and connections made. Plans for future collaboration on issues related to data and data quality in population research are in the works.

This activity built on previous initiatives (e.g., the demography and social media workshops at ICWSM in 2016 and 2017) to foster communication between demographers and data scientists.

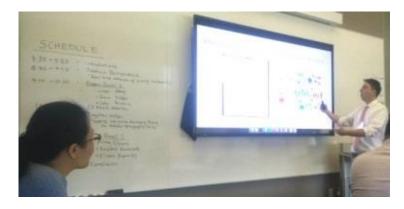
#### For more information:

- Workshop webpage
- Interested in "Digital Demography"? A mailing list (digital-demog@u.washington.edu) was set up in order to facilitate communication among researcher interested in Web data, Social Media Data and Demography. Anyone who is interested in joining this mailing list can do so by following instructions on this

webpage: https://mailman1.u.washington.edu/mailman/listinfo/digital-demog.

If you have questions about this workshop, please contact Lee Fiorio (fiorio@uw.edu). For general questions about the IUSSP Panel on Big Data and Population Processes, please contact Emilio Zagheni.

Funding: The workshop received support from the Max Planck Institute for Demographic Research.



# Bayesian Small Area Estimation using Complex Survey Data: Methods and Applications Shanghai, China, 10-11 July 2018

The **Two-Day Short Course on Bayesian Small Area Estimation using Complex Survey Data: Methods and Applications** was held in Shanghai, China, on 10 and 11 July 2018 at the **4th Asian Population Association Conference**. It was organized by**Sam Clark** (Department of Sociology, The Ohio State University), **Zehang Li**(Department of Statistics, University of Washington) and **Jon Wakefield** (Departments of Statistics and Biostatistics, University of Washington). Sam Clark and Zehang Li taught the course.



The workshop presented the fundamentals of Bayesian statistics, hierarchical models, spatial statistics, complex sample surveys, and small-area estimation. A specific application to child mortality using demographic and health surveys was explained and demonstrated. Software written for the statistical programming environment R (and packaged in the SUMMER package) was presented and demonstrated, and participants were invited to try it out as the workshop progressed.

Thirty-four participants from 10 different countries attended the course. Most participants were based at population research institutes or universities.

#### See also:

- Course description
- List of participants

**Funding:** Financial support was provided by the William and Flora Hewlett Foundation to support innovative demographic methodologies and knowledge sharing for sustainable development.



# Summer Institute in Computational Social Science Cape Town, South Africa, 18-29 June 2018

The Summer Institute in Computational Social Science (SICSS) held a two-week training workshop from June 18 to June 29 at the University of Cape Town, run by Dr. Vissého Adjiwanou, Senior Lecturer in Demography and Quantitative Methods at the Center for Actuarial Research (CARe) at the University of Cape Town (UCT), and the chair of the Scientific Panel on Computational Social Science at the Union for African Population Studies (UAPS). This year's Summer Institute is an institutional collaboration with the main site at Duke University and six other sites in the United States and Finland. The Cape Town workshop has provided African scholars and students from various disciplines the opportunity to learn new quantitative methodologies related to digital trace data and to hone their research capabilities.



The Summer Institute in Cape Town has adopted a dual teaching approach which combined livestream lectures from Duke University with onsite presentations. During the two weeks of the Summer Institute, several lectures and talks were given by experts in the field of Computational Social Science. At the opening, Vissého Adjiwanou presented the importance of the Summer Institute for African scholars and led discussions on issues about estimating about causality in Social Science, and considered how new methods and data can contribute to a better understanding of social phenomena in sub-Saharan Africa. The lectures given at the SICSS then covered topics ranging from ethics, surveys and experiments in the digital age, by Matthew Salganik (Princeton University), to digital trace data collection and analysis (text analysis, topic modeling and network analysis) by Chris Bail (Duke University) by livestream from Duke University. Due to the six-hour time difference between Cape Town and Duke University, participants in Cape Town were unable to listen directly to the guest speakers at Duke University but watched recorded versions. The videos of these talks are freely available online to participants.

Onsite in Cape Town, the participants attended various lectures and talks on diverse topics. Nick Feamster delivered a lecture on machine learning and its application to detect "fake news" from the web. Marshini Chetty gave a talk on ethics and on human-computer interaction. Tom Moultrie (Director of CARe) introduced the participants to the opportunities provided by Computational Social Science for monitoring the Sustainable Development Goals and presented some challenges with working with digital trace data. Marivate Vukosi from The Council for Scientific and Industrial Research (CSIR) spoke of how data science should be used for public good. He presented various research projects he conducts in the field from road security to safety and crime incident detection on social media. The Summer Institute has also benefited from the participation of Kim Ingle from the Southern Africa Labor and Development research Unit (SALDRU) at UCT who introduced the National Income Dynamics Study (NIDS) to the participants. Finally, by Skype, Ridhi Kashyap, associate professor of social demography at the University of Oxford, presented her work on sex selection in India using Facebook Data. These various and highly qualitative research presentation made the Summer Institute one of its kind in sub-Saharan Africa, where participants learned from specialists from Africa and around the world.

In the second week, the participants worked in five small groups on various applied project, and they presented their results on the last day of the Institute. The first group worked to map research on gender-based violence (GBV) from what lay people think about the issue by conducting text analysis from research articles and twitter users. The second group project focused on measuring depression and stress-related issues by analyzing tweets in South Africa. They considered three sets of people: those who tweet about depression and have experienced it (Treatment Group); those who just tweet about it (Control Group 1); and those who didn't tweet about it (Control group 2). The prevalence of depression among control group 1 was then predicted by comparing their characteristics with those of the treatment group. The third group worked to understand the environment of published news in South Africa. To do this, they analyzed publishers' social tweeter network, and tweets from a topic and network analysis perspective. Finally, two other groups took an usual social science research approach to working on divorce and school dropouts in South Africa, based on panel data from the NIDS. They combined traditional statistical approaches with machine learning to better understand and predict these outcomes. These research projects should continue after the end of the workshop, and we hope to publish their findings in a special edition of the African Population Studies journal.



For many participants, this summer institute constituted both their first use of the R Software and their introduction to digital trace data methodologies. This proved to be a challenge for several participants, and for next year's Summer Institute workshop, we plan to notify the participants much earlier of their admission, so as to permit them to get up to speed prior to the workshop by taking recommended online courses. We hope also that several participants will start using R in their own courses, making it easier for their best students to enroll in next year's Summer Institute workshop. This summer institute has been a real opportunity for establishing new collaborations for many participants. The group project work developed during the second week proved to be an extraordinary and successful experience. There are no other opportunities offered elsewhere on the continent on the analysis of digital trace data. The success of the Summer Institute is obvious as the unsolicited comments we received and the final evaluation of the training. About 85% of the participants responded to that survey that they will definitively advise others to apply for the Summer Institute next year. Almost all of the participants also expressed their intention to make use in future of the methodologies learned during the Summer Institute.

A final source of satisfaction is to bring many scholars from outside Cape Town and to give opportunities to Master and PhD students together to attend the Summer Institute. Half of the 26 participants of the Summer Institute came from outside Cape Town, with foreign participants coming from 9 countries in both French-speaking countries (Benin, Burkina Faso and Togo) and English-speaking countries (Ghana, Malawi, Nigeria, Swaziland, Uganda, United Kingdom). This was made possible in large part by financial support provided by the International Union for the Scientific Study of Population (IUSSP). In addition, as the participants came from diverse disciplines, the workshop allowed participants the opportunity to exchange with others on issues of common interest and thus to break down disciplinary boundaries.



# Basia Zaba (1949-2018)

It is with great sadness that we announce the death of Basia Zaba, Professor of Medical Demography at the London School of Hygiene & Tropical Medicine (LSHTM) on Thursday 12 July, 2018, aged 69. She leaves an enormous legacy to demography, through her work on demographic estimation and populationlevel HIV surveillance and through her mentorship and guidance of generations of demographers in the UK and abroad.

Basia first joined the IUSSP in 1980. She was an active contributor to its activities throughout her career, delivering



scientific papers at conferences and seminars and doing much to enliven the social events that followed the formal sessions. In 1986, she wrote Measurement of Emigration using Indirect Techniques on behalf of two IUSSP Scientific Committees. Then, with John Clarke, she edited the 1994 volume on Environment and Population Change that arose from a 1992 conference that was cosponsored by the British Society for Population Studies and IUSSP. From 1995-9, Basia chaired the IUSSP Committee on AIDS. In that role, she co-edited a 1997 supplement for Health Transition Review: Evidence of the Socio-Demographic Impact of AIDS in Africa based on a seminar held earlier that year in Durban, South Africa. She was also one of the lead organisers of the 'Seminar for Senior Policy Makers on the Demographic Impact of AIDS', which was held at the World Bank in Washington, DC in January 1998. This event was influential in galvanizing the development community outside the health sector into recognizing that AIDS was a threat to socioeconomic development. The papers were subsequently published in a supplement of the journal AIDS. During this period, she also co-authored a 1998 IUSSP paper on Family Planning in the Era of AIDS. More recently, Basia was one of the authors of the 2013 IUSSP manual on Tools for Demographic Estimation and contributed sessions to the open-access online course on Population Analysis for Policy and Planning.

Basia was British-born of Polish parentage. She took a first degree in mathematics at Imperial College, London. Shortly after graduating she spent a year working as a teacher in Papua New Guinea for VSO (Voluntary Service Overseas). This sealed her lifelong interest in the developing world. In 1975 she enrolled in the MSc in Medical Demography at LSHTM. She stayed on to work as a Research Fellow in the Centre for Population Studies that had recently been established under the leadership of Bill Brass. In 1980 she left for Trinidad, where she worked for the UN Economic Commission for Latin America and the University of the West Indies – and also met her husband. On her return to LSHTM in 1988, Basia developed an interest in research on population and environment issues. This led to her being awarded an ESRC fellowship that enabled her to conduct fieldwork in Mwanza, Tanzania. She was to retain close links with the country, basing herself there for periods of up to two years. It was her visit in the mid-1990s, however, that convinced her that HIV/AIDS was the major health, demographic and development problem facing the region, and for the rest of her career, she worked mainly in this field.

Basia's far-sighted, seminal work on the demography of AIDS – including the establishment of the ALPHA Network of population-based HIV surveillance sites – and prolific publication record led to increasing international recognition. She gathered a large and able research group around her at LSHTM, became a full professor in June 2008 and was later appointed to the new Brass/Blacker Chair in Medical Demography. She became Head of the Department of Population Health in August 2015. Basia was an active member of the UNAIDS reference group on estimates, modelling and projections from its inception in 1998 and of the UNAIDS reference

group on monitoring and evaluation of NACP. She also served as a member of the Scientific Advisory Council of the INDEPTH Network, on the Wellcome Trust's Panel for Population Studies and on a series of other advisory and funding bodies. She was the lead supervisor of more than a dozen successful PhD students, many of whom now hold senior research posts in academia, international organisations, or independent research institutes.

Basia was diagnosed with cancer in early 2016. With her typical passion for science, she promptly enrolled in a clinical trial for a novel therapy and got on with her life, continuing to work with undimmed drive and enthusiasm. She simply took an occasional day off to undergo rounds of therapy. She stayed on as Head of Department until May 2017, and continued to come into the office regularly until June 2018, when her illness took a sudden and very serious turn for the worse.

Basia was a keen cyclist, a massive fan of Manchester United and great fun to be around. She has been, and will continue to be, a huge inspiration to many. She is survived by her husband, David and three children, Bruce, Angie and Zosia.

Milly Marston, Georges Reniers, Emma Slaymaker and Ian Timæus Population Studies Group London School of Hygiene & Tropical Medicine

#### Members' Testimonials and Tributes

I am deeply shocked to hear this great loss to Demography Community. Basia was a good friend of mine since 1992. She visited Nepal in the late 90s and trained our faculty members on Indirect Methods of Estimation at the Central Departent of Population Studies (CDPS). Many of our faculty members like Dr. Yogendra Gurung, Dr. Keshav Adhikari, Dr. Sunil Acharya, Dr. Devendra Shrestha, Dr. Pushp Kamal Subedi, Dr. Prabha Kumari Hamal, Dr. Dhruba Das Ulak and Dr. Laxmi Bilas Acharya were trained in demographic methods at the Population Centre. Some of them even have earned Master's (Sunil and Prabha) and PhD (Laxmi Bilas Acharya). Her contribution to strengthen CDPS is greatly appreciated. I owe a tremendous debt to her. Her publications and contributions in Medical Demography are immortal. I pray for her soul rest in peace.

Dr. Bal Kumar KC, Kathmandu, Nepal

Very sorry to learn about this sad demise. I was in LSH from 1992 to 1996 and met her every day. She alighted from her bike riding all the way sometimes from her home. Always had a smile and was deep into her work most of the time. She spoke to me once when I gave my first presentation offering deep insights to the development of my initial proposal.

She was very charming and always maintained her cool during graduate seminars, her contribution to the field of Demography will be remembered with due honour.

Professor Nashid Kamal, Dhaka, Bangladesh

# Welcome to Barbara Kaci

We wish to welcome Barbara Kaci as Finance and Administrative Assistant at the IUSSP Secretariat. She is temporarily replacing Adelaide Twumasi, who is on maternity leave. Barbara is originally from Poland but has been living in France for 8 years. She holds a Master's degree in Romance Philology from Poland and more recently earned a certification in accounting in France. She will keep the IUSSP accounts in collaboration with IUSSP's accounting firm, ARICE and provide other assistance at the Secretariat. You can communicate with Barbara in English, French, or Polish.



Barbara can be reached at Adelaide Twumasi's email: twumasi@iussp.org

# New members and student associates

#### New members:

Ten members joined the IUSSP between 1 June 2018 - 1 September 2018.

**Benin:** Elsie Mehoba. **Burkina Faso:** Somkeita Pascal Zabre. **Croatia:** Sanja Klempić Bogadi. **Kenya:** Bernard Kiprotich; Enoch Obuolo; Patrick Omungo; Hellen Sidha. **Nigeria:** Modupeola Kuteyi; Tellson Osifo Ojogun; **Pakistan:** Asifa Kamal.

#### New Student Associates:

Twenty-seven new student associates joined the IUSSP between 1 June 2018 - 1 September 2018.

Brazil: Andrews Santos; Marcelo Yamaki. Burkina Faso: Youmanli Combary. China: Rui Lu; Xueting Li; Yifan Shen; Yuan Zhang. Congo: Ornael Djembo. Côte d'Ivoire: Yao Kouadio . Ethiopia: Ayele Kassa. Ghana: Kwamena Dickson. India: Ajit Kannaujiya; Durgesh Kumar; Manasi Khairkar; Preena Loomba; Venkata Nadella. Indonesia: Muhammad Absor. Italy: Federica Querin. Singapore: Hannah Hia. South Africa: Qiniso Khumalo. United Kingdom: Katie Heap. United States: Kelsey Wright. Viet Nam: Ngoc Tran. Zambia: Nelly Ruth Nkhoma; Victor Malolela. Zimbabwe: Kumbirai Madziwa; Trust Kajongwe.