

Tuesday 5 November

Conference Registration

12:30-15:00 Grand Ballroom Foyer

15:00-16:00 Grand Ballroom

Welcome

Chair: Yong-Guan Zhu

Maimunah Mohd Sharif, Executive Director, UN-Habitat (video)

Tedros A. Ghebreyesus, DG WHO (video)

Gauden Galea, WHO Representative in China

Mayor of Xiamen City

Paul Wilkinson, London School of Hygiene and Tropical Medicine, UK

Jo Ivey Boufford, President, International Society for Urban Health

Anthony Capon, Monash Sustainable Development Institute (MSDI), Monash University, Australia

Opening:

Yong-Guan Zhu, Director, Institute of Urban Environment, ICUH2019 chair and host

Plenary Session - Emerging Diseases, Healthcare and Public Services

16:00-18:00 Grand Ballroom

Chair: B. Mberu

Panellists:

R. Fakhoury, Beirut Arab University, Lebanon

Q. Liu, Chinese Center for Disease Control and Prevention, China

M. Chowdhury, School of Public Health, Columbia University, Vice Chair of BRAC, Bangladesh

W.A. Haseltine, ACCESS Health International, United States

PL1.1 **The clinical implications of screening Sarcopenic Obesity**

R. Fakhoury*, Beirut Arab University, Lebanon

PL1.2 **A City for All Ages – Global Lessons**

W. Haseltine*, ACCESS Health International, Inc, USA

PL1.3 **Hello Dhaka: Emerging diseases, healthcare, and public response**

A.M. Raza Chowdhury*, BRAC, Bangladesh

Welcome Reception

18:00-20:00 Grand Ballroom Foyer

Wednesday 6 November

Oral Presentations - Integrated Governance, Resilience, and Health Risk Reduction

08:00-09:00 Lotus 1 Chair: T. Krafft

OP01 **Joint leadership and governance is key for success in the pluralistic urban health system of Bangladesh**

W. Chowdhury*, N. Gerein, *Independent Consultant, Bangladesh*

OP02 **From Environmental Management to Environmental Governance: Paradigm Shift for Sustainable Mining Practice in Ghana**

D. Koomson*, C. Tao, *Hohai University, China*

Oral Presentations - Emerging Disease, Healthcare and Public Services

08:00-09:00 Lotus 2 Chair: S. Jayasinghe

OP04 **Inter-Hospital Health Record Interoperability in Urban Areas: The United Kingdom Experience**

L.R. Warren*¹, J.M. Clarke^{1,2}, S. Arora¹, A.W. Darzi¹, ¹Imperial College London, UK, ²Harvard University, UK

OP05 **Understanding the complexity of urban healthcare: unsupervised clustering of multi-layered clinical networks in English cities**

J. Clarke*^{1,2}, L. Warren¹, M. Barahona¹, A. Darzi¹, ¹Imperial College London, UK, ²Harvard University, USA

OP06 **High prevalence of metabolic risk factors of cardiovascular disease among urban migrants in Bangladesh: Findings from sib-comparative urban migration study**

A.K.M. Fazlur Rahman*^{1,2}, S. Jahan³, ¹Bangladesh University of Health Sciences, Bangladesh, ²Centre for Injury Prevention and Research, Bangladesh, Bangladesh, ³Western Sydney University, Australia

Oral Presentations - Emerging Disease, Healthcare and Public Services

08:00-09:00 Lotus 3 Chair: P. Howden-Chapman

OP07 **Are the Urban women satisfied with Health Care Facilities for Family Planning services? An Evidence from Urban Primary Health Care (UPHC) Project in Bangladesh**

S. Mizan*¹, M.M. Rahman¹, R.S. Safii¹, S.A. Ahmad², ¹Universiti Malaysia Sarawak, Malaysia, Malaysia, ²Bangladesh University of Health Sciences, Bangladesh, Bangladesh

OP08 **Chinese Environmental Public Health Tracking System**

Q. Wang*, J. Ban, T. Li, *National Institute of Environmental Health, Chinese Centre for Disease Control and Prevention, China*

OP09 **Illegality status shapes access to livelihood, and health status: Narrative from Kigali's urban informal settlements in Rwanda**

D. Uwizeye*^{1,2}, A. Irambeshya², F. Niragire², S. Wiehler², ¹African Population and Health Research Center, Kenya, ²University of Rwanda, Rwanda

Pre-formed Panel - One health and urban transformation-interaction between human, animal and environmental health

08:00-09:00 Jasmine Room Chair: T. Falkenberg

PP01 **One Health and urban transformation – interaction between human, animal and environmental health in an urbanizing world**

T. Falkenberg*^{1,2}, C. Borgemeister¹, A.M. Perez Arrendondo^{1,4}, J.F. Felappi^{1,4}, J. Ntajal^{1,3}, S.B. Fischer^{1,4}, A. Brückner^{1,2}, ¹Center for Development Research, Germany, ²GeoHealth Center, University Clinic Bonn, Germany, ³Geographical Institute, University Bonn, Germany, ⁴University of Applied Science Bonn-Rhein-Sieg, Germany

Pre-formed Panel - System Mapping and Visualization Tools for Urban Social Determinants of Health Approaches

08:00-09:00 Grand Ballroom Chair: B. Goldman

PP02 **System Mapping and Visualization Tools for Urban Social Determinants of Health Approaches**

B. Goldman*^{1,2}, A. Muh^{1,4}, A. Bakhtawar^{1,3}, P. Le Van^{1,5}, ¹USAID-funded Building Healthy Cities Project, USA, ²Engaging Inquiry, USA, ³JSI Private Limited, India, ⁴International Organization for Migration (IOM), Indonesia, ⁵Thrive Networks, Viet Nam

Pre-formed Panel - Family Planning in Urban Health Systems

08:00-09:00 Lily Room Chair: J.F. Helzner

PP03 **Family Planning in Urban Health Systems**

J.F. Helzner*⁶, T. Harpham⁷, A. Delamou³, M. Tetui⁴, M. Sharma⁵, B. Ushie¹, ¹African Population and Health Research Centre, Kenya, ²Bristol University, UK, ³University of Conakry, Guinea, ⁴Makerere University, Uganda, ⁵PSI/The Challenge Initiative, India, ⁶International Union for the Scientific Study of Population IUSSP, USA, ⁷London South Bank University, UK

Session Break

09:00-09:10

Oral Presentations - Integrated Governance, Resilience, and Health Risk Reduction

09:10-10:10 Lotus 1 Chair: T. Lin

OP11 **One health, a multi-sectoral approach to urban transformation in Accra**
A. Perez Arredondo*¹, K. Bender², ¹Center for Development Research, University of Bonn, Germany, ²International Center for Sustainable Development, University of Applied Sciences Bonn-Rhein-Sieg, Ghana

OP12 **Quantification of Future Climate Risks and Onset of Extreme Weather Events to Metropolitan Cities of Fifteen Asian Countries**

R. Siti Sundari*¹, A. Mundra², J. Liu³, N. Ekrami⁴, M. Pangaribuan⁵, B. Janum⁶, N.A. Yelwa⁷, M. Farhan⁸, S. Bhatta⁹, H. Hakobyan¹⁰, ¹China Agricultural University, China, ²Jawaharlal Nehru University, India, ³University of Lisbon, Portugal, ⁴University of Iceland, Iceland, ⁵Academia Sinica, Taiwan, ⁶Ministry of Climate Change, Afghanistan, ⁷University of Malaya, Malaysia, ⁸Naresuan Universities, Thailand, ⁹Power shift Nepal, Nepal, ¹⁰University after Kh. Aboyan, Armenia, ¹¹University of Jaffna, Sri Lanka, ¹²Ayub Agriculture

Research Institute, Pakistan, ¹³University of Perjuangan, Indonesia, ¹⁴Arid Agriculture University, Pakistan

OP13

Toward healthy cities: a new framework linking public health to urbanization based on China's case

C. Ye*, P. Schröder, D. Yang, M. Chen, C. Cui, *East China Normal University, China*

Pre-formed Panel - BAU UrbanLab: A New Collaborative, Knowledge-Generation Approach for Urban Innovation

09:10-10:10 Lotus 3 Chair: I. El-Bastawissi

PP04

BAU UrbanLab: A New Collaborative, Knowledge-Generation Approach for Urban Innovation

I. Youssef El-Bastawissi¹, H. M. Ayad², H. Mohsen*¹, ¹Beirut Arab University, Lebanon, ²Alexandria University, Egypt

Pre-formed Panel - Interoperability of human well-being, climate change, and flood risk towards Accra's resilience in Ghana

09:10-10:10 Lotus 2 Chair: B. Dovie

PP05

Interoperability of human well-being, climate change, and flood risk towards Accra's resilience in Ghana

B. Dovie*¹, R. Larbi^{1,3}, P. Antwi-Agyei², N. Frimpong¹, L. Darkwa^{1,4}, ¹University of Ghana, Ghana, ²Kwame Nkrumah University of Science & Technology, Ghana, ³Lancaster University, UK, ⁴Secretariat of the Training for Peace Program, Ethiopia

Pre-formed Panel - Family planning, fertility and urban development: lessons from research

09:10-10:10 Lily Room Chair: B. Mberu

PP06

Family planning, fertility and urban development: lessons from research

B. Mberu*¹, J. Duminy², N. Owoo³, P. Akilimali⁴, L. Jiang⁵, ¹African Population and Health Research Centre, Kenya, ²Bristol University, UK, ³University of Ghana, Ghana, ⁴Kinshasa School of Public Health, Democratic Republic of the Congo, ⁵Shanghai University, China

Pre-formed Panel - GUAPO - The Global Urban Air Pollution Observatory

09:10-10:10 Grand Ballroom Chair: E. Martayan

Pre-formed Panel - Present and Future of Systems Science for Urban Health and Wellbeing and Global Sustainability

09:10-10:10 Jasmine Room Chair: F.W. Gatzweiler

PP07

Present and Future of Systems Science for Urban Health and Wellbeing and Global Sustainability

F. Gatzweiler*¹, S. Jayasinghe⁵, S. Banerjee³, Y. Thomas⁴, M. Davies², J. Siri⁶, L. Bettencourt⁷ ¹Chinese Academy of Sciences, China, ²LSHTM, UK, ³ADB, India, ⁴ISUH, USA, ⁵University of Colombo, Sri Lanka, ⁶Wellcome Trust, UK, ⁷University of Chicago, USA

Refreshment Break

10:10-10:40 **Grand Ballroom
Foyer**

Plenary Session - Liveable Urban Environments, Urban Planning and Design

10:40-12:40 **Grand Ballroom Chair: C. Dora**

Panellists:

I. El Bastawissi, Beirut Arab University, Lebanon

Z. Tong, Peking University, China

D. Vlahov, Yale University, United States

M.J. Nieuwenhuijsen, Barcelona Institute for Global Health, Spain

PL2.1 **Cultivation of community based Interventions in Architectural Education at BAU**

I. El-Bastawissi, *Beirut Arab University, Lebanon*

PL2.2 **Health effects of air pollutants: A future perspective**

T. Zhu, *Peking University, China*

PL2.3 **Informal settlements as inspiration for cities of the future**

D. Vlahov, *Yale School of Nursing, USA*

PL2.4 **Urban and Transport Planning Pathways to Low Carbon, Liveable and Healthy Cities**

M. Nieuwenhuijsen, *ISGlobal, Spain*

Poster Session 1

12:40-13:40 **Grand
Ballroom Foyer**

Lunch

13:00-14:00 **Rivage
International
Cuisine**

Pre-formed Panel - Healthy city planning and governance

14:00-15:30 **Jasmine Room Chair: L. Wang**

PP08 **Healthy city planning and governance**

L. Wang*, X.H. Li, *Tongji University, China*

Pre-formed Panel - Making Smart Cities Healthier

14:00-15:30 **Lotus 3 Chair: D. Bachani**

PP09 **Making Smart Cities Healthier**

D. Bachani*^{1,2}, A. Pomeroy-Stevens^{1,4}, N. Mishra^{1,2}, A. Isa¹, ¹USAID-funded Building Healthy Cities Project, USA, ²JSI Private Limited, India, ³International Organization for Migration (IOM), Indonesia, ⁴JSI Research & Training Institute, USA

Pre-formed Panel - Building liveable urban environments for ageing population: from multi-disciplinary perspectives

14:00-15:30 Lily Room Chair: D.W.L. Lai

PP10 **Building liveable urban environments for ageing population: from multi-disciplinary perspectives**
D.W.L. Lai*, A.C.H. Yang, E. Yung, Y. Xu, Y. Sun, *The Hong Kong Polytechnic University, Hong Kong*

Pre-formed Panel - People-oriented urbanization. The role of the health sector to catalyse action and influence the urban transformation

14:00-15:30 Lotus 1 Chair: N. Roebbel

PP11 **People-oriented urbanization. The role of the health sector to catalyse action and influence the urban transformation**
N. Roebbel¹, T. Herick de Sa¹, Y. Thomas², ¹WHO, Switzerland, ²ISUH, USA

Pre-formed Panel - Health care use and access among people who live in slums

14:00-15:30 Grand Ballroom Chair: S.I. Watson

PP12 **Health care use and access among people who live in slums**
S.I. Watson*¹, R.J. Lilford¹, A. Omigbodun³, C. Kyobutungi¹, ¹University of Warwick, UK, ²African Population and Health Research Centre, Kenya, ³University of Ibadan, Nigeria

Refreshment Break

15:30-16:00 Grand Ballroom Foyer

Plenary Session - Economy, Trade, Employment and Social Inclusion

16:00-17:30 Grand Ballroom Chair: P. Howden-Chapman

Panellists:

W. Chen, Institute of Urban Environment, Chinese Academy of Science, China

Q. Yu, IBM Corporation & IBM Watson Health, United States

G.S. Lovasi, Drexel University, United States

R.M. Scarrow, Associate Editor, Nature Sustainability, United Kingdom

F. Fuders, Institute of Economics, Universidad Austral de Chile

PL3.1 **Inventing and Predicting a New Era of Health with AI**
Q. Yu, *IBM Corporation & IBM Watson Health, United States*

PL3.2 **How to fulfil the UN Sustainability Goals: The role of money**
F. Fuders, *Universidad Austral de Chile, Chile*

PL3.3 **Navigating urban health research: illustrations from a longitudinal study of neighbourhood food retail in the US**

G.S. Lovasi, *Drexel University, United States*

PL3.4 **In-Use Product and Steel Stocks Sustain Urbanization and Physical Well-Being**
W. Chen, *Institute of Urban Environment, Chinese Academy of Science, China*

Session Break

17:30-17:40

Oral Presentations - Climate Change and Healthy Cities

17:40-19:10 Lotus 1 Chair: W. Chen

- OP14 **Emerging trends in regional vegetation dynamics: urban food availability versus climatic anomaly**
J.D. Njoku¹, K.O. Ukaegbu², A.O. John-Njoku^{*3}, ¹*Federal University of Technology Owerri, Nigeria, Nigeria*, ²*Shell Petroleum Development Company, Nigeria*, ³*Ministry of Niger Delta Affairs Owerri, Nigeria*
- OP15 **Urban interventions to improve outdoor air quality and health**
S. Vardoulakis^{*1}, M. Loh¹, J.O. Crawford¹, B. Conlan², A. Davis¹, T. Williamson³, D. Black⁴, M. Lowder⁵, K. Dixon¹, H. Cowie¹, ¹*Australian National University, Australia*, ²*Ricardo Energy & Environment, UK*, ³*Aether, UK*, ⁴*db+a, UK*, ⁵*Global Action Plan, UK*
- OP16 **Urban Expansion Neutralizes Heatwave-Risk Reduction by Societal Development**
K. Huang, *Yale School of Forestry and Environmental Studies, USA*
- OP17 **Construction of robust thermal comfort index using machine learning for heat-health intervention**
Q. Sun^{*}, A. Both, *RMIT University, Australia*

Oral Presentations - Economy, Trade, Employment and Social Inclusion

17:40-19:10 Lotus 2 Chair: T. Krafft

- OP18 **Mapping the functionality of markets and their impact on food security within an urban food supply and distribution system in Kampala Uganda**
E. Ssegujja^{*}, S. Kibira, H. Wamani, *Makerere University, Uganda*
- OP19 **Urban health care - a growing concern; Private public partnerships - a sustainable solution**
R.K. Gandhi^{*}, S. Vijayan, V. Jondhale, D. Shah, R. Chopra, V. Nagwekar, S. Surendran, P. Kandaswamy, *PATH, India*
- OP20 **Re-examining the economics of integrated urban greenspace governance: a case study in Guangzhou, China**
J. Liu, *Institute of Social Sciences - University of Lisbon, Portugal*

Pre-formed Panel - Fort pour le future: improving the health and wellbeing of adolescents in Thies by integrating youth-responsive nutrition and SRHR services and education

17:40-19:10 Lotus 3 Chair: B.M. Diedhiou

- PP13 **Fort pour le future: improving the health and wellbeing of adolescents in Thies by integrating youth-responsive nutrition and SRHR services and education**
B.M. Diedhiou^{*}, C.T. Niang, *Nutrition International, Senegal*

Pre-formed Panel - Evaluating environmental impacts on health and wellbeing in urban contexts in East Africa: Case studies from Kenya and Uganda

17:40-19:10 Lily Room Chair: B. Mberu

PP14 **Evaluating environmental impacts on health and wellbeing in urban contexts in East Africa: Case studies from Kenya and Uganda**
B. Mberu, C. Kabaria*, S. Simiyu, I. Chumo, H. Gitau, *African Population Health Research Centre, Kenya*

Pre-formed Panel - The role of Urban Health in the Leaving No One Behind Agenda

17:40-19:10 Grand Ballroom Chair: F.K. Donkor

PP15 **The role of Urban Health in the Leaving No One Behind Agenda**
F.K. Donkor*, K. Mearns, *University of South Africa (UNISA), South Africa*

Screening of film: 2040

19:15-20:50 Grand Ballroom

Motivated by his 4-year-old daughter and concern for the planet she will inherit, Damon Gameau embarks on a global journey to meet the innovators and change makers pioneering the best solutions already available to us today to improve the health of our planet and our communities.

Damon draws on the best minds from around the world to focus on the interconnections between environmental and human health – including climate, economics, technology, civil society, agriculture and sustainability; inspired by these discoveries, and guided by the many children he consults with along the way, Damon interweaves dramatic sequences and high-end visual effects to conjure a positive portrait of what 'could be' instead of the current dystopian future we are so often presented.

2040 is a galvanising, entertaining and educational film full of hope about the possibility to make changes that will shift the course for humanity and the planet.

Thursday 7 November

Poster Session 1 (continued)

08:00-09:00 Grand Ballroom Foyer

Session Break

09:00-09:10

Oral Presentations - Emerging Disease, Healthcare and Public Services

09:10-10:10 Lotus 1

Chair: S. Jayasinghe

- OP21 **Substance Abuse and Urban Health Problems in Nepal**
M. Poudyal Chhetri, Nepal Center for Disaster Management, Nepal
- OP22 **Seasonal and interannual risks of dengue introduction from South-East Asia into 165 cities in China, 2005-2015**
S. Lai^{1,2}, M. Johansson⁴, W. Yin³, ¹Fudan University, China, ²University of Southampton, UK, ³Chinese Center for Disease Control and Prevention, China, ⁴Centers for Disease Control and Prevention, USA*
- OP23 **Pattern and correlates of burden of obesity among urban adults in India**
B.K. Panda, IIPS, Mumbai, India
- OP24 **Gender Differences in the Association Between Neighbourhood walkability and health-status, A pilot study in Canberra/Australia**
R. Rafie manzelat, D. D'Alessandro, Sapienza University of Rome, Italy*

Oral Presentations - Emerging Disease, Healthcare and Public Services

09:10-10:10 Lotus 2

Chair: G. Salem

- OP25 **A Recent Study on Health Condition Among (0-59)-Month Children in India**
S. Bharati, M. Pal, P. Bharati, Indian Statistical Institute, India*
- OP26 **Urbanization and Health Disparities Comparison in India: An Approach through Determinants Analysis and inequities assessment**
*N. Chhabra Roy*¹, T. Viswanathan², ¹NMIMS Bangalore, India, ²SIBM Bangalore, India*
- OP26 **Gender Differential in Coexistence of cardiovascular disease risk factors in urban India**
*M. Dutta*¹, L. Prashad², ¹International Institute for Population Sciences (IIPS), India, ²Tata Institute of Social Sciences (TISS), India*

Oral Presentations - Emerging Disease, Healthcare and Public Services

09:10-10:10 Lily Room

Chair: J.I. Boufford

- OP28 **Ecological Niche Model to Understand the Current and Future Distribution of Nipah Virus Under Different Scenarios**
M.K. Pramanik, Jawaharlal Nehru University, India
- OP29 **Evaluation of primary healthcare service quality in Ulaanbaatar city**
N-E. Bataa, K.H. Lkhagvasuren, Mongolian National University of Medical Sciences, Mongolia*

- OP30 **Trends of achievement towards SDG 3: Role of Urban Primary Health Care Project (UPHCP) in Bangladesh**
S. Mizan*, N. Momen, M.A.H. Majumder, *Urban Primary Health Care Services Delivery Project-II, Local Government Division, Ministry of Local Government, Rural Development and Cooperatives, Bangladesh*
- OP31 **Urban Water Supply and Health in India: Perspectives and Challenges**
A.K. Yadav*¹, V. Yadav^{1,2}, ¹*International Institute for Population Sciences, Mumbai, India, 2Patliputra University, Patna, India*

Oral Presentations - Emerging Disease, Healthcare and Public Services

09:10-10:10 Lotus 3

Chair: I. Luginaah

- OP32 **An urban model for chronic disease management in China**
H. Li¹, B.H. Smith², P. Hoyt-Hudson², L. Chen², Y. Liang³, F. Cao*¹ ¹*Fujian Provincial Hospital, China, 2The Rogosin Institute, USA, 3Fujian Medical University, China*
- OP34 **Association between metabolic syndrome and health related quality of life among urban adults: evidence from the IMPACT study**
S. Zaheer*, K. Shafique, *Dow University of Health Sciences, Pakistan*

Pre-formed Panel - Healthy Urban Microbiome Initiative

09:10-10:10 Jasmine Room

Chair: C. Skelly

- PP16 **Healthy Urban Microbiome Initiative**
C. Skelly*¹, D. Phillips¹, E. Flies^{2,1}, S. Goenka³, Q. Liu⁴, C. Liddecoat^{5,1}, Y. Zhu⁶, C. Romanelli⁷, J. Post⁸, J. Aronson⁹, ¹*Healthy Urban Microbiome Initiative, UK, 2University of Tasmania, Australia, 3Public Health Foundation of India, India, 4Centers for Disease Control and Prevention, China, 5University of Adelaide, Australia, 6Institute for Urban Environment, China, 7UNCBD, Canada, 8UNFCCC, Germany, 9Missouri Botanical Gardens, USA*

Pre-formed Panel – Partnerships to Promote Healthy Cities for All

09:10-10:10 Grand Ballroom

Chair: J. Das

- PP17 **Partnerships to Promote Healthy Cities for All**
J. Das*¹, S. Hausmann², S. Bustamante³, B.M. Diedhiou⁴, H. Mshinda⁵, ¹*ISUH, USA, 2Fondation Botnar, Switzerland, 3GAMBETIANDO Project Impact Hub-Medillin, 4Fort Pour Le Futur, Senegal, 5Fondation Botnar, Tanzania*

Refreshment Break

10:10-10:40 Grand Ballroom Foyer

Plenary Session - Integrated Governance, Resilience, and Health Risk Reduction

10:40-12:10 Grand Ballroom

Chair: J. Boufford

Panellists:

M. de Jesus Limonta-Vidal, Director of the Regional Office of ICSU for Latin America and the Caribbean, El Salvador

V. Hobart, Greater London Authority (Public Health England), United Kingdom

F. Duarte Santos, University of Lisbon, Portugal

C. Dora, Former Coordinator Public Health and the Environment Department at World Health Organization, Switzerland

PL4.2 **Integrated governance as a key point for the implementation of the urban health model in El Salvador**

M. de Jesus Limonta-Vidal, *Director of the Regional Office of ICSU for Latin America and the Caribbean, El Salvador*

PL4.3 **Ensuring no one's health suffers because of who they are or where they live**

V. Hobart, *Greater London Authority, UK*

PL4.4 **Sustainable development, climate change and health in cities. The European Union case**

F.D. Santos, *University of Lisbon, Portugal*

Poster Session 2

12:10-13:10 Grand Ballroom Foyer

Lunch

12:30-13:30 Rivage International Cuisine

ISUH Business Meeting

12:30-13:30 Lily Room

Oral Presentations - Urban-Rural recoupling, Soil Security and Migration

13:30-15:00 Jasmine Room

Chair: Y. Zhu

OP36 **Making the urban food eco-system more resilient; an exploration of solutions to mitigate food insecurity in Kampala City in Uganda**

E. Ssegujja*, S. Kibira, H. Wamani, *Makerere University, Uganda*

OP37 **Measuring farmland loss in Ontario, Canada and testing the strength of the greenbelt act**

W. Caldwell, R. Singer, X. Wan*, E. Drake, S. Epp, *University of Guelph, Canada*

OP38 **The migration of people from mainland China to urban New Zealand: housing experiences and wellbeing implications**

W. Zhang*, P. Howden-Chapman, G. Fougere, *University of Otago, New Zealand*

Pre-formed Panel - The health and wellbeing of people who live in slums

13:30-15:00 Lotus 2

Chair: S.I. Watson

PP18 **The health and well-being of people who live in slums**
S.I. Watson*¹, R.J. Lilford¹, A. Omigbodun¹, C. Kyobutungi¹, ¹University of Warwick, UK, ²African Population and Health Research Centre, Kenya, ³University of Ibadan, Nigeria

Pre-formed Panel - Leveraging Health Data and Technology for Inclusive Secondary Cities for All: Data driven health planning and transformation

13:30-15:00 Lotus 1

Chair: L. Kasani

PP19 **Leveraging Health Data and Technology for Inclusive Secondary Cities for All: Data driven health planning and transformation**

L. Kasani*¹, S. Jha², N. Bruskewitz³, N. Lleras⁴, ¹ISUH, USA, ²Fondation Botnar, Switzerland, ³COMVOS Project-Cali, Colombia ⁴Safe Routes for Adolescents Project (VIVO MI CALLE), Cali, Colombia

Pre-formed Panel – Fast Track Cities Initiative

13:30-15:00 Lily Room

Chair: J.M. Zuniga

Pre-formed Panel - Social isolation and health: solutions for cities

13:30-15:00 Grand Ballroom

Chair: D. Napier

PP21 **Social isolation and health: solutions for cities**

D. Napier*¹, J. Ma², T. BC³, ¹University College London, UK, ²Tianjin Medical University, China, ³Xiamen Health Commission, China

Refreshment Break

15:00-15:30 Grand Ballroom Foyer

Plenary Session - Urban-Rural Recoupling, Soil Security, and Migration

15:30-17:00 Grand Ballroom

Chair: G. Lovasi

Panellists:

B. Mberu, African Population and Health Research Centre, Kenya

Y. Zhu, Institute of Urban Environment, Chinese Academy of Science, China

R. Tan, Zhejiang University, China

L. Yang, Research Centre for Eco-Environmental Sciences, CAS, China

PL5.1 **Land-development Rights of Village Collectives in China: Challenges and Policy Innovation**

R. Tan, Zhejiang University, China

PL5.2 **Linking land use and antibiotics in soils in typical peri-urban area of Eastern China**

L. Yang, Research Centre for Eco-Environmental Sciences, CAS, China

Session Break

17:00-17:10

Oral Presentations - Liveable Urban Environments, Urban Planning and Design

17:10-18:40 Grand Ballroom

Chair: Y. Thomas

- OP39 **Ambient air pollution and its impact to hospital admission of pneumonia children under 4 years old in UB**
A. Enkhjargal*, S. Tsegmed, B. Suvd, *Public Health Innovation and Development Institution, Mongolia*
- OP40 **Ruwais UN-planned: a public health and territorial intervention**
F. Abuzeid, *Faris Abuzeid + Associates (FA+A), Saudi Arabia*
- OP41 **The Deficiency of Green Landscape and Possible Implications of Health in Primary Schools, Kigali, Rwanda**
R. Tafahomi*, R. Nadi R. Tafahomi*, R. Nadi, *Department of Architecture, University of Rwanda, Rwanda*

Oral Presentations - Liveable Urban Environments, Urban Planning and Design

17:10-18:40 **Jasmine Room**

Chair: X. Li

- OP42 **"Blue health for all?" Urban blue spaces as therapeutic landscapes for elderly people. Learning from experiences of senior citizens in Ruhr Metropolis and Ahmedabad**
A. Brueckner*¹, T. Kistemann^{1,2}, T. Falkenberg¹, ¹Center for Development Research, University of Bonn, Germany, ²Institute of Hygiene and Public Health, University of Bonn, Germany
- OP43 **Adverse Pregnancy Outcomes among Women Practicing Poor Sanitation in Urban India: Evidence from National Family Health Survey-4**
R. Patel*, S. Chauhan, D. Bansod, *International Institute for Population Sciences, India*
- OP44 **Waste Management Plan of Omar Bongo University: A tool for a liveable urban environment**
M. Obiang Ebanéga*^{1,2}, P-A. Eyoghe Nyingone², S. Mouele¹, M. Mouckambi Mouangua¹, ¹Omar Bongo University, Gabon, ²We Need, Gabon
- OP45 **Assessment of Tobacco Control Policy Based on Baidu Big Data**
Y. Long¹, P. Liu^{1,2}, J. Ma¹, Y. Zhang¹, J. Peng², S. Yang², L. Meng², X. Mao², H. Liu², G. Galea³, et al, ¹Tsinghua University, China, ²Baidu Big Data Department, China, ³World Health Organisation, Switzerland
- OP46 **Profile of a typical urban poor woman in slums of Kampala Capital City, Uganda**
H. Namakula*, H. Kaula, P. Waiswa, Y. Mugerwa, *Makerere University school of Public Health, Uganda*

Oral Presentations - Liveable Urban Environments, Urban Planning and Design

17:10-18:40 **Lily Room**

Chair: R.B. Singh

- OP47 **Prevalence of communicable diseases and its epidemiological correlates in major urban populated states of India: Evidence from a nationally representative sample**
S. Alam*, B. Paswan, I. Sheikh, *International Institute for Population Sciences, India*
- OP48 **A systematic review of longitudinal evaluations and systems-based simulation studies focused on transportation and health**
I. Stankov*¹, L.M.T. Garcia², M.A. Mascoll³, F. Montes⁴, J.D. Meisel⁵, N. Gouveia³, O.L. Sarmiento⁴, D.A. Rodriguez⁶, R.A. Hammond⁷, W.T. Caiaffa⁸, ¹Drexel University, USA, ²University of Cambridge, UK, ³University of São Paulo, Brazil, ⁴Universidad de los Andes, Colombia, ⁵Universidad de Ibaguè, Colombia,

⁶University of California, Berkeley, USA, ⁷The Brookings Institution, USA,
⁸Universidade Federal de Minas Gerais, Brazil

- OP49 **Feasibility of machine learning to understand how neighbourhood design characteristics are related to physical function**
J.N. Rachele*, J. Wang, J.S. Wijnands, H. Zhao, R. Bentley, M. Stevenson, *The University of Melbourne, Australia*

Oral Presentations - Liveable Urban Environments, Urban Planning and Design

17:10-18:40 Lotus 1

Chair: J. Corburn

- OP50 **More walkable and less exposed routes for schoolchildren: mapping and evaluating shortcuts in Nanjing, China**
Z. Xu*¹, L.Y. Han², ¹Nanjing Forestry University, China, ²Jiangsu Second Normal University, China
- OP51 **An environmental sensitive urban sustainability framework for the cities of developing countries**
B. Mondal, *National Institute of Urban Affairs, India*
- OP52 **Multiple-criteria decision analysis of healthy urban planning**
A. Salmi*, V. Pessoa Colombo, J. Chenal, *CEAT EPFL, Switzerland*
- OP53 **A lifecourse exposure to urban density and high-rise building: empirical findings for psychiatric disorders**
T.H.K. Chen^{1,2}, C.E. Sabel*¹, A.V. Prishchepov², ¹Aarhus University, Denmark, ²Copenhagen University, Denmark

Oral Presentations - Liveable Urban Environments, Urban Planning and Design

17:10-18:40 Lotus 2

Chair: S. Vardoulakis

- OP54 **Designing walkable cities for low and middle-income countries**
A. Hong*¹, C.H. Guan^{2,1}, M. Keith¹, ¹University of Oxford, UK, ²NYU Shanghai, China
- OP55 **Analyzing obesogenic environments in Alexandria districts using a GIS-based approach**
M. Salem*¹, H. Ayad², ¹Pharos University in Alexandria, Egypt, ²Alexandria University, Egypt

- OP56 **Towards People-Centred Cities through Hard and Soft Urban Infrastructures**
T. Grey¹, D. Gleeson², R. Dyer³, S. Wu³, M. Dyer*³, ¹TrinityHaus Trinity College
Dublin, Ireland, ²Urban Engagement, Ireland, ³The University of Waikato, New
Zealand

Oral Presentations - Liveable Urban Environments, Urban Planning and Design

17:10-18:40 Lotus 3

Chair: C. Rozenblat

- OP57 **Recent changes in Sociolinguistic Patterns in Indian Cities**
R. Biradar*, D. Singh, *Tata Institute of Social Sciences, India*
- OP58 **Assessing land use changes after regularization process: the case of Ubungo
Darajani Dar es Salaam City, Tanzania**
D.L. Magembe-Mushi*¹, K. Ambokile¹, ¹Ardhi University, Tanzania, ²Ardhi
University, Tanzania
- OP59 **Environmental Implications of Belt and Road Initiative (BRI) on developing
countries with Silk-Road**
Y. Kong, R. Khan*, X. Jina, *Jiangsu University, China*

Conference Dinner

18:45-21:00 Jiali Seafood Restaurant

Buses will depart for the restaurant from the front of the Swiss Grand Hotel. Please ensure you bring your delegate badge with you as this is also proof of your dinner ticket purchase.

Friday 8 November

Oral Presentations - Liveable Urban Environments, Urban Planning and Design

08:00-09:00 Lily Room

Chair: G. Salem

- OP60 **Could urban village be an entrance of urban agriculture in China: transforming to self-sufficiency participatory community**
X. Xu*^{1,2}, N. Akita¹, ¹Hunan University of Technology, China, ²Chiba University, Japan
- OP61 **Partial System Analysis of Traffic Noise Reduction in Tarik Al Jadidah, Beirut, Lebanon**
S. Khalil*, N. El Baba, N. El Hage, R. Joumblat, I. El Bastawissi, F. Gatzweiler, Beirut Arab University, Faculty of Architecture, Design and Built Environment, Lebanon
- OP62 **Examining the effects of urban greenery in buffering stress from traffic noise using virtual reality**
S.H.M. Chan*, E. Gianluca, B.L. Raghunath, L. Qiu, Nanyang Technological University, Singapore
- OP63 **Examining disparities in food accessibility among households using a participatory agent-based model**
K. Koh*¹, R. Reno², A. Hyder³, ¹University of Hong Kong, Hong Kong, ²University of California, Berkeley, USA, ³The Ohio State University, USA

Pre-formed Panel - Urban ecosystems and Indigenous paradigms – Using Indigenous knowledge to (re)connect urban peoples with their environment

08:00-09:00 Lotus 1

Chair: I. Warbrick

- PP22 **Urban ecosystems and Indigenous paradigms – Using Indigenous knowledge to (re)connect urban peoples with their environment**
I. Warbrick*¹, A. Ah Kew², A. Whitcombe², D. Rameka³, ¹Auckland University of Technology, New Zealand, ²Healthy Families Manukau, New Zealand, ³Auckland City Council, New Zealand

Pre-formed Panel - Urban Health Education: Formalising a Global Network of Practitioners and Institutions

08:00-09:00 Grand Ballroom

Chair: J. Corburn

Journal of Urban Health, Special Issue: The Urban Face of Planetary Health

08:00-09:00 Lotus 2

Chair: J. Siri

- PP23 **Journal of Urban Health, Special Issue: The Urban Face of Planetary Health**
J. Siri*, Wellcome Trust, USA

Pre-formed Panel: Integrating Health in Urban and Territorial Planning

08:00-09:00 Lotus 3

Chair: P. Carbajal

- PP24 **Integrating Health in Urban and Territorial Planning**
M. Grant¹, P. Carbajal*², N. Roebbel³, T. Heric k de Sa³, ¹Environmental Stewardship for Health, UK, ²UN-Habitat, Kenya, ³WHO, Switzerland

Poster Session 2 (continued)

09:00-10:00 Grand Ballroom Foyer

Refreshment Break

09:30-10:00 Grand Ballroom Foyer

Plenary Session - Climate Change and Health Cities

10:00-12:00 Grand Ballroom

Chair: S. Banerjee

Panellists:

C. Huang, Sun Yat-sen University, China

W. Cai, Tsinghua University, China

S. Vardoulakis, Australia National University, Australia

PL6.1 **Climate change and human health in the Asia-Pacific region: the way forward**

C. Huang, *Sun Yat-sen University, China*

PL6.2 **The hidden cost of heat in world cities**

W. Cai, *Tsinghua University, China*

Closing Ceremony

12:00-12:30 Grand Ballroom