Tuesday 5 November

Conference Registration
12:30-15:00  Grand Ballroom Foyer

Welcome and Opening
15:00-16:00  Grand Ballroom
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
Panelists:
The clinical implications of screening Sarcopenic Obesity
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. Hasletine, ACCESS Health International, United States

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

Joint leadership and governance is key for success in the pluralistic urban health system of Bangladesh
W. Chowdhury*, N. Gerein

One health, a multi-sectoral approach to urban transformation in Accra
A. Perez Arredondo*, K. Bender

Socio-ecological resilience to climate change effects in peri-urban areas: Insights from the Pugu and Kazimzumbwi forest reserves of Dar es Salaam, Tanzania
L. Mngumi*

From Environmental Management to Environmental Governance: Paradigm Shift for Sustainable Mining Practice in Ghana
D. Koomson*, C. Tao

Oral Presentations - Emerging Disease, Healthcare and Public Services
08:00-09:00  Lotus 2  Chair: S. Jayasinghe

Inter-Hospital Health Record Interoperability in Urban Areas: The United Kingdom Experience
L.R. Warren*, J.M. Clarke, S. Arora, A.W. Darzi

Understanding the complexity of urban healthcare: unsupervised clustering of multi-layered clinical networks in English cities
J. Clarke*, L. Warren, M. Barahona, A. Darzi

Extended Producer Responsibility on E-waste management in India: Challenges in Implementing EPR in India
P. Porwal*, S. Chatterjee

High prevalence of metabolic risk factors of cardiovascular disease among urban migrants in Bangladesh: Findings from sib-comparative urban migration study
A.K.M.F. Rahaman*, S. Jahan

Oral Presentations - Emerging Disease, Healthcare and Public Services
08:00-09:00  Lotus 3  Chair: P. Howden-Chapman

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*, M.M. Rahman, R.S. Safii, S.A. Ahmad

Chinese Environmental Public Health Tracking System
Q. Wang*, J. Ban, T. Li

Illegality status shapes access to livelihood, and health status: Narrative from Kigali’s urban informal settlements in Rwanda
D. Uwizeye*, A. Irambeshya, F. Niragire, S. Wiehler
Pre-formed Panel - One health and urban transformation-interaction between human, animal and environmental health
08:00-09:00 Jasmine Room  Chair: T. Falkenberg
One Health and urban transformation – interaction between human, animal and environmental health in an urbanizing world

Pre-formed Panel - System Mapping and Visualization Tools for Urban Social Determinants of Health Approaches
08:00-09:00 Lily Room  Chair: B. Goldman
System Mapping and Visualization Tools for Urban Social Determinants of Health Approaches
B. Goldman*, A. Muh, A. Bakhtawar, P. Le Van

Pre-formed Panel - Present and Future of Systems Science for Urban Health and Wellbeing and Global Sustainability
08:00-09:00 Grand Ballroom  Chair: F.W. Gatzweiler
Present and Future of Systems Science for Urban Health and Wellbeing and Global Sustainability

Session Break
09:00-09:10

Oral Presentations - Integrated Governance, Resilience, and Health Risk Reduction
09:10-10:10 Lotus 1  Chair: T. Lin
Greening urban development: Issues and Challenges in Developing nations
M. DHRIIT*, B. SANDHYA SRI
Quantification of Future Climate Risks and Onset of Extreme Weather Events to Metropolitan Cities of Fifteen Asian Countries
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

Pre-formed Panel - BAU UrbanLab: A New Collaborative, Knowledge-Generation Approach for Urban Innovation
09:10-10:10 Lotus 3  Chair: H. Mohsen
BAU UrbanLab: A New Collaborative, Knowledge-Generation Approach for Urban Innovation
I. Youssef El-Bastawissi, H. M. Ayad, H. Mohsen*
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
Interoperability of human well-being, climate change, and flood risk towards Accra’s resilience in Ghana
B. Dovie*, R. Larbi, P. Antwi-Agyei, N. Frimpong, L. Darkwa

Pre-formed Panel - Family planning, fertility and urban development: lessons from research
09:10-10:10   Lily Room
Chair: J. Helzner
Family planning, fertility and urban development: lessons from research
J. Helzner*, T. Harpham, T. Thomas, N. Owuo, P. Akiimali, L. Jiang

Pre-formed Panel - GUAPO - The Global Urban Air Pollution Observatory
09:10-10:10   Grand Ballroom
Chair: E. Martayan

Pre-formed Panel - Family Planning in Urban Health Systems
09:10-10:10   Jasmine Room
Chair: B. Mberu
Family Planning in Urban Health Systems
B. Mberu*, J. Duminy, A. Delamou, M. Tetui, M. Sharma, B. Ushie

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:
Cultivation of community based Interventions in Architectural Education at BAU
I. El Bastawissi, Beirut Arab University, Lebanon

Health effects of air pollutants: A future perspective
Z. Tong, Peking University, China

Informal settlements as inspiration for cities of the future
D. Vlahov, Yale University, United States

Urban and Transport Planning Pathways to Low Carbon, Liveable and Healthy Cities
M.J. Nieuwenhuijsen, Barcelona Institute for Global Health, Spain

Poster Session 1
12:40-13:40

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
Healthy city planning and governance
L. Wang*, X.H. Li

Pre-formed Panel - Making Smart Cities Healthier
14:00-15:30 Lotus 3 Chair: D. Bachani
Making Smart Cities Healthier
D. Bachani*, A. Pomeroy-Stevens, N. Mishra, A. Isa

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
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

Pre-formed Panel - Wicked problems in the city: reflections on institutionalizing accountability in urban areas
14:00-15:30 Lotus 1 Chair: L. Paina
Wicked problems in the city: reflections on institutionalizing accountability in urban areas

Pre-formed Panel - Health care use and access among people who live in slums
14:00-15:30 Grand Ballroom Chair: S.I. Watson
Health care use and access among people who live in slums
S.I. Watson*, R.J. Lilford, A. Omigbodun, C. Kyobutungi

Pre-formed Panel - Leveraging the role of science academies for co-production of evidence-informed policy advice in the African context
14:00-15:30 Lotus 2 Chair: G. Stewart-Wilson
Leveraging the role of science academies for co-production of evidence-informed policy advice in the African context

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
  Inventing and Predicting a New Era of Health with AI
- K. Rhee, Chief Health/Medical Officer, IBM, United States
- G.S. Lovasi, Drexel University, United States
- R.M. Scarrow, Associate Editor, Nature Sustainability, United Kingdom

How to fulfil the UN Sustainability Goals: The role of money
- F. Fuders, Institute of Economics, Universidad Austral de Chile

Session Break
17:30-17:40

Oral Presentations - Climate Change and Healthy Cities
17:40-19:10 Lotus 1 Chair: J. Corburn

- Flood Vulnerability Mapping: A Case Study Of Okoko Basin, Osogbo
- Emerging trends in regional vegetation dynamics: urban food availability versus climatic anomaly
  - J.D. Njoku, K.O. Ukaegbu, A.O. John-Njoku*
- Urban interventions to improve outdoor air quality and health
- Urban Expansion Neutralizes Heatwave-Risk Reduction by Societal Development
  - K. Huang*

Oral Presentations - Economy, Trade, Employment and Social Inclusion
17:40-19:10 Lotus 2 Chair: T. Krafft

- 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
- An assessment of cost benefit of Uholor / Ogba river link road construction project in benin city, edo state nigeria
  - O. Jejelola*, M. Ogungbe, D. Jimoh
- Urban health care - a growing concern: Private public partnerships - a sustainable solution
- Re-examining the economics of integrated urban greenspace governance: a case study in Guangzhou, China
  - J. Liu*
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
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

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
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

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
The role of Urban Health in the Leaving No One Behind Agenda
F.K. Donkor*, K. Mearns

Pre-formed Panel - Informing effective strategies for public services and systems to improve nutrition and wellbeing in East Africa
17:40-19:10  Jasmine Room  Chair: Y. Dambisya
Informing effective strategies for public services and systems to improve nutrition and wellbeing in East Africa
Y. Dambisya*, J. Wanyama, E. Elisaria, E. Kimani-Murage, E. Peca
Thursday 7 November

Poster Session 1 (continued)
08:00-09:00  Grand Ballroom Foyer

Session Break

Oral Presentations - Emerging Disease, Healthcare and Public Services
09:10-10:10  Lotus 1  Chair: P. Howden-Chapman
  Substance Abuse and Urban Health Problems in Nepal
  M. Poudyal Chhetri*
  Seasonal and interannual risks of dengue introduction from South-East Asia into 165 cities in China, 2005-2015
  S. Lai*, M. Johansson, W. Yin et al
  Pattern and correlates of burden of obesity among urban adults in India
  B.K. Panda
  Gender Differences in the Association Between Neighbourhood walkability and health-status, A pilot study in Canberra/Australia
  R. Rafie manzelat*, D. D’Alessandro

Oral Presentations - Emerging Disease, Healthcare and Public Services
09:10-10:10  Lotus 2  Chair: G. Salem
  A Recent Study on Health Condition Among (0-59)-Month Children in India
  S. Bharati*, M. Pal, P. Bharati
  Urbanization and Health Disparities Comparison in India: An Approach through Determinants Analysis and inequities assessment
  N. Chhabra Roy*, T. Viswanathan
  Gender Differential in Coexistence of cardiovascular disease risk factors in urban India
  M. Dutta*, L. Prashad

Oral Presentations - Emerging Disease, Healthcare and Public Services
09:10-10:10  Lily Room  Chair: T. Oni
  Ecological Niche Model to Understand the Current and Future Distribution of Nipah Virus Under Different Scenarios
  M.K. Pramanik*
  Evaluation of primary healthcare service quality in Ulaanbaatar city.
  N-E. Batoa*, K.H. Lkhagvasuren
  Trends of achievement towards SDG 3: Role of Urban Primary Health Care Project (UPHCP) in Bangladesh
  S. Mizan*, N. Momen, M.A.H. Majumder
  M. Bango*, G.C. Kashyap
Oral Presentations - Emerging Disease, Healthcare and Public Services
09:10-10:10 Lotus 3  Chair: I. Luginaah

**An urban model for chronic disease management in China**
H. Li*, B.H. Smith, P. Hoyt-Hudson, L. Chen, Y. Liang

**Creating collective impact to improve urban cardiovascular health through multisector partnerships**

**Association between metabolic syndrome and health related quality of life among urban adults: evidence from the IMPACT study**
S. Zaheer*, K. Shafique

**A Report Card on the Health of India's Urban Poor Children**
D. Bhattacharya*, S. Mondal, A. Pandey, A. Chaudhuri, R. John, C. Collinson

Pre-formed Panel - Healthy Urban Microbiome Initiative
09:10-10:10 Jasmine Room  Chair: C. Skelly

Panel Title: Healthy Urban Microbiome Initiative

Refreshment Break
10:10-10:40

Plenary Session - Integrated Governance, Resilience, and Health Risk Reduction
10:40-12:10 Grand Ballroom  Chair: B. Nguendo-Yongsi

**Panellists:**
E. Hándal Vega, Former Vice Minister of Science and Technology, Ministry of Education, Science and Technology, El Salvador
Health is a political choice
C. Marchandaise, Deputy Mayor of Rennes, France
V. Hobart, Greater London Authority, United Kingdom

Poster Session 2
12:10-13:10 Grand Ballroom Foyer

Lunch
12:10-13:30

Oral Presentations - Urban-Rural recoupling, Soil Security and Migration
13:30-15:00 Jasmine Room  Chair: Y. Zhu

**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

**Measuring farmland loss in Ontario, Canada and testing the strength of the greenbelt act**
W. Caldwell, R. Singer, X. Wan*, E. Drake, S. Epp
The migration of people from mainland China to urban New Zealand: housing experiences and wellbeing implications
W. Zhang*, P. Howden-Chapman, G. Fougere

Pre-formed Panel - The health and wellbeing of people who live in slums
13:30-15:00  Lotus 2  Chair: S.I. Watson

The health and well-being of people who live in slums
S.I. Watson*, R.J. Lilford, A. Omigbodun, C. Kyobutungi

Pre-formed Panel - Inequalities in Living Conditions, and Health Status of the Urban Poor - Implications for Urban Planning and Inclusive Development in India
13:30-15:00  Lotus 3  Chair: D. Bhattacharya

Inequalities in Living Conditions, and Health Status of the Urban Poor - Implications for Urban Planning and Inclusive Development in India
D. Bhattacharya*, A. Chaudhuri, S. Mondal, A. Pandey

Pre-formed Panel - Slum area mapping network: charting an approach for a scalable, integrated, multi-stakeholder slum area mapping system
13:30-15:00  Lily Room  Chair: D.R. Thomson

Slum area mapping network: charting an approach for a scalable, integrated, multi-stakeholder slum area mapping system

Pre-formed Panel - Social isolation and health: solutions for cities
13:30-15:00  Grand Ballroom  Chair: D. Napier

Social isolation and health: solutions for cities
D. Napier*, J. Ma, T. BC

Refreshment Break
15:00-15:30  Grand Ballroom Foyer

Plenary Session 5 - Urban-Rural Recoupling, Soil Security, and Migration
15:30-17:00  Grand Ballroom  Chair: G. Lovasi

Panelists:
B. Mberu, African Population and Health Research Centre, Kenya
Y. Zhu, Institute of Urban Environment, Chinese Academy of Science, China
Land-development Rights of Village Collectives in China: Challenges and Policy Innovation
R. Tan, Zhejiang University, China
I. AbuBakar, UCL Institute of Global Health, University College London, United Kingdom

Session Break
17:00-17:10
Oral Presentations - Liveable Urban Environments, Urban Planning and Design
17:10-18:40  Grand Ballroom  Chair: Y. Thomas

Climatic uncertainties and emerging urban footprints in Nigeria
J.D. Njoku*

Ambient air pollution and its impact to hospital admission of pneumonia children under 4 years old in UB
A. A.Enkhjargal*, S. S.Tsegmed, B. B.Suvd et al

Ruwais UN-planned: a public health and territorial intervention
F. Abuzeid*

The Deficiency of Green Landscape and Possible Implications of Health in Primary Schools, Kigali, Rwanda
R. Tafahomi*, R. Nadi

Oral Presentations - Liveable Urban Environments, Urban Planning and Design
17:10-18:40  Jasmine Room  Chair: X. Li

“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*, T. Kistemann, T. Falkenberg

Adverse Pregnancy Outcomes among Women Practicing Poor Sanitation in Urban India: Evidence from National Family Health Survey-4
R. Patel*, S. Chauhan, D. Bansod

Waste Management Plan of Omar Bongo University: A tool for a liveable urban environment
M. Obiang Ebanéga*, P-A. Eyoghe Nyingone, S. Mouele, M. Mouckambi Mouangua

Health Impact Assessment of Travel Patterns in a Small Developing City of Africa
M. Thondoo*, M.J. Nieuwenhuijsen, J. Gupta, D. de Vries, D. Rojas-Rueda

Profile of a typical urban poor woman in slums of Kampala Capital City, Uganda
H. Namakula*, H. Kaula, P. Waiswa, Y. Mugerwa et al

Oral Presentations - Liveable Urban Environments, Urban Planning and Design
17:10-18:40  Lily Room  Chair: R.B. Singh

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

Urban greenery and mental well-being: Mediation analyses on multiple pathways across different greenery measures
Y. Liu*, R. Wang, M. Helbich, Y. Yuan, Y. Yao, J. Zhang, P. Liu

A systematic review of longitudinal evaluations and systems-based simulation studies focused on transportation and health
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

Oral Presentations - Liveable Urban Environments, Urban Planning and Design
17:10-18:40  Lotus 1  Chair: J. Corburn

More walkable and less exposed routes for schoolchildren: mapping and evaluating shortcuts in Nanjing, China
Z. Xu*, L.Y. Han

An environmental sensitive urban sustainability framework for the cities of developing countries
B. Mondal*

Multiple-criteria decision analysis of healthy urban planning
A. Salmi*, V. Pessoa Colombo, J. Chenal

A lifecourse exposure to urban density and high-rise building: empirical findings for psychiatric disorders
T.H.K. Chen, C.E. Sabel*, A.V. Prishchepov

Oral Presentations - Liveable Urban Environments, Urban Planning and Design
17:10-18:40  Lotus 2  Chair: S. Vardoulakis

Designing walkable cities for low and middle-income countries
A. Hong*, C.H. Guan, M. Keith

Analyzing obesogenic environments in Alexandria districts using a GIS-based approach
M. Salem*, H. Ayad

Towards People-Centred Cities through Hard and Soft Urban Infrastructures

Towards Environmental Sustainability: The Effect of Spatial Distribution of GSM Mast on Resident's Liveability in Abuja City Centre
D.O. Akinwamide*

Oral Presentations - Liveable Urban Environments, Urban Planning and Design
17:10-18:40  Lotus 3  Chair: C. Rozenblat

Recent changes in Sociolinguistic Patterns in Indian Cities
R. Biradar*, D. Singh

The Effect of Quarrying on Residents' Livability in Urban Environment: A Case Study of Abuja, Nigeria
D.O. Akinwamide*

Assessing land use changes after regularization process: the case of Ubungo Darajani Dar es Salaam City, Tanzania
D.L. Magembe-Mushi*, K. Ambokile

Environmental Implications of Belt and Road Initiative (BRI) on developing countries with Silk-Road
Y. Kong, R. Khan*, X. Jina

Conference Dinner
18:45-21:00  Jiali Seafood Restaurant
Friday 8 November

Oral Presentations - Liveable Urban Environments, Urban Planning and Design
08:00-09:00  Lily Room  Chair: S. Jayasinghe
Could urban village be an entrance of urban agriculture in China: transforming to self-sufficiency participatory community
X. Xu*, N. Akita
Partial System Analysis of Traffic Noise Reduction in Tarik Al Jadidah, Beirut, Lebanon
S. Khalil*, N. El Baba, N. El Hage, R. Jounblat, I. El Bastawissi, F. Gatzweiler
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

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
Urban ecosystems and Indigenous paradigms – Using Indigenous knowledge to (re)connect urban peoples with their environment
I. Warbrick*, A. Ah Kew, A. Whitcombe, D. Rameka

Pre-formed Panel - Championing the rights of children in urban areas-leveraging synergies for improved outcomes for children in urban areas
08:00-09:00  Jasmine Room  Chair: T. George
Championing the rights of children in urban areas-leveraging synergies for improved outcomes for children in urban areas
T. George*, G. Mindra, B. Gberemi, A. Bose, A. Wickham

Poster Session 2 (continued)
09:00-10:00  Grand Ballroom Foyer

Refreshment Break
09:30-10:00

Plenary Session - Climate Change and Health Cities
10:00-12:00  Grand Ballroom  Chair: S. Banerjee
Panellists:
Climate change and human health in the Asia-Pacific region: the way forward
C. Huang, Sun Yat-Sen University, China
Sustainable development, climate change and health in cities. The European Union case
F. Duarte Santos, University of Lisbon, Portugal
A. Capon, Monash Sustainable Development Institute (MSDI), Monash University, Australia
P. Gong, Tsinghua University, China
Closing Ceremony
12:00-12:30  Grand Ballroom