

Beijing Forum 2019 - Draft on 09/16/2019	
Sub forum: Environment and Health-A Joint Event with AGU Centennial and MARIS	
November 1-3, 2019 北京 Beijing, 中国 China	
November 1, 2019 (Friday)	
Grand Opening Ceremony Attendants	
Morning	Invited speakers registration in the Hotel (Shangri-La Hotel)
Afternoon	Grand opening ceremony and plenary lectures Diaoyutai State Guesthouse (钓鱼台国宾馆)
November 2, 2019 (Saturday): Venue-TBD, Sub-Forum attendants registration on site	
9:00-9:20	Sub-forum Opening Welcome remarks by Drs Tong Zhu (PKU), Deliang Tang (Columbia University), Gabriel Filippelli (AGU), Wei Wan (MAIRS)
Keynote speech Chaired by Dr. Tong Zhu	9:20-10:00 Kirk Smith, PhD, Professor, School of Public Health, University of California, Berkeley 10:00-10:40 Fengchang Wu, PhD, Vice Chief Engineer, Chinese Academy of Environmental Sciences Preliminary study on water environmental quality standards in China
10:40-11:10	Coffee/tea break/group photo (30 min)
11:10-12:40 Session 1: Epidemiologic evidence on the health effects caused by pollution Chaired by: Dr. Michael Brauer	<ol style="list-style-type: none"> 1. 11:10-11:40 Perera Frederica, Professor, Mailman School of Public Health, Columbia University, NY, US Benefits to Children's Health of Reducing Air Pollution and Mitigating Climate Change 2. 11:40-12:00 Kiros Berhane, Professor, Keck School of Medicine, University of Southern California On the Effects of Air Pollution on Children's Health: Modeling Advances and Key Findings 3. 12:00-12:20 Haidong Kan, Professor, School of Public Health, Fudan University Air pollution and daily mortality: from PAPA to MCC-Air 4. 12:20-12:40 Linwei Tian, Associate Professor, School of Public Health, University of Hong Kong Fe-rich silicates in coal smoke and lung cancer in Xuan Wei, China
12:40-13:30	Lunch, Buffet on site

<p>13:30-15:00</p> <p>Session 2: Exposure assessment as a bridge linking the environment and human health</p> <p>Chaired by Jeffery Brook</p>	<ol style="list-style-type: none"> 1. 13:30-14:00 Frank Kelly, Professor, MRC-HPA Centre for Environment and Health, School of Biomedical Sciences, King's College London London, England: A test bed for traffic management schemes to improve air quality 2. 14:00-14:20 Jeffery Brook, Assistant Professor, Division of Occupational & Environmental Health, Dalla Lana School of Public Health, University of Toronto Building the foundations for virtual life course cohorts through common environmental data 3. 14:20-14:40 Qihong Deng, Professor, School of Energy Sciences and Engineering, Central South University The role of air pollution in the fetal origins of childhood diseases 4. 14:40-15:00 Xinghua Qiu, Associate Professor, College of Environmental Sciences and Engineering, Peking University Screening of hydrophobic organic components of ambient fine particulate matter (PM2.5) associated with cellular response of inflammation
<p>15:00-15:20</p>	<p>Coffee/tea break (20 min)</p>
<p>15:20-16:50</p> <p>Session 3: Biological mechanisms via which pollution induces adverse health effects</p> <p>Hosted by Dr. Haidong Kan</p>	<ol style="list-style-type: none"> 1. 15:20-15:50 Tong Zhu, Professor, College of Environmental Sciences and Engineering, Peking University 2. 15:50-16:10 Shunqing Xu, Professor, School of Public Health, Huazhong University of Science and Technology The susceptible population and effects in the Environmental Health studies 3. 16:10-16:30 Deliang Tang, Professor of Environmental Health Sciences, Mailman School of Public Health, Columbia University The role of PAH-DNA adducts in Children's Environmental Health Studies 4. 16:30-16:50 Jicheng Gong, Assistant Professor, College of Environmental Sciences and Engineering, Peking University Investigation on the mechanisms via which air pollution exposure affecting human health through the intervention studies
<p>16:50-18:20</p> <p>Session 4. Global Health</p>	<ol style="list-style-type: none"> 1. 16:50-17:20 Michael Brauer, Professor, School of Population and Public Health, The University of British Columbia

<p>Hosted by Dr. Dan Greenbaum</p>	<p>Source Contributions to Air Pollution and the Burden of Disease in China</p> <p>2. 17:20-17:40 Kian Fan Chung, Professor of Respiratory Medicine & Head of Experimental Studies Medicine, National Heart & Lung Institute, Imperial College London</p> <p>Addressing the current challenge of the world's air pollution</p> <p>3. 17:40-18:00 Gabriel Filippelli, Professor, Department of Earth Sciences, Department of Public Health, and Center for Urban Health, Indiana University-Purdue University, Indianapolis (IUPUI)</p> <p>New Approaches to Identifying and Reducing the Global Burden of Disease from Pollution</p> <p>4. 18:00-18:20 Tao Xue, Assistant Professor, School of Public Health, Peking University</p> <p>Global loss of infants and air pollution</p>
<p>18:20–21:00</p>	<p>Dinner (全聚德烤鸭清华店), bus transfers to the restaurant</p>
<p>November 3, 2019 (Sunday) : Venue-TBD, registration on site</p>	
<p>Keynote speech Chaired by Dr. Kirk Smith</p>	<p>9:00-9:40 Shu Tao, Professor, College of Urban and Environmental Sciences, Peking University</p> <p>Health impact of PM2.5 in air are dominated by residential solid fuel emissions in China</p>
<p>9:40-10:40</p> <p>Session 5: Indoor environment and human health Chaired by Dr. Kirk Smith</p>	<p>1. 9:40-10:00 Yinping Zhang, Professor, Department of Building Science, Tsinghua University</p> <p>Indoor air quality: what and how to control?</p> <p>2. 10:00-10:20 Xinbiao Guo, Professor, Department of Occupational and Environmental Health Sciences, School of Public Health, Peking University</p> <p>Indoor particulate matter exposure and cardiopulmonary function in adults and children</p> <p>3. 10:20-10:40 Yingjun Liu, Assistant Professor, College of Environmental Sciences and Engineering, Peking University</p> <p>Characterizing occupants' exposure to volatile organic compounds in four newly-built apartments in Beijing</p>
<p>10:40–10:50</p>	<p>Coffee/tea break</p>
<p>10:50-12:20</p> <p>Session 6: Emerging techniques and issues in Environmental Health studies</p>	<p>1. 10:50-11:20 Yinon Rudich, Professor, Department of Earth and Planetary Sciences, Weizmann Institute of Science</p> <p>Establishing Connections between Aerosol Chemical Composition and Possible Health Effects</p>

<p>Hosted by Xinghua Qiu</p>	<ol style="list-style-type: none"> 2. 11:20-11:40 Mike Bergin, Professor, Department of Civil and Environmental Engineering, Duke University Low-cost sensors and deep learning: The future of improving environmental and human health 3. 11:40-12:00 Jing Shang, Associate Professor, College of Environmental Sciences and Engineering, Peking University Physicochemical Characteristics and Oxidative Potential of Black Carbon Particles 4. 12:00-12:20 Mingliang Fang, Assistant Professor, School of Civil and Environmental Engineering, Nanyang Technological University “Something from Nothing”: Deconvoluting the complexity in Human Exposome
<p>12:20-13:30</p>	<p>Lunch: buffet on site</p>
<p>13:30-15:00</p> <p>Session 7: Planetary Health and GeoHealth</p> <p>Hosted by</p>	<ol style="list-style-type: none"> 1. 13:30-14:00 Peng Gong, Professor, Department of Earth System Science, Dean of School of Science, Tsinghua University City Health Outlook principles and strategies: sensing, mapping, and modeling of health and the environment 2. 14:00-14:20 Dan Greenbaum, President, Health Effects Institute, US The State of Global Air 2019: Making Progress for Public Health 3. 14:20-14:40 Windy Boyd Environmental Health Perspectives: Complementing the Mission of the National Institute of Environmental Health Sciences and serving the global environmental health community 4. 14:40-15:00 Cunrui Huang, Professor, Department of Occupational and Environmental Health Sciences, School of Public Health, Peking University Understanding health impacts of climate change in Asia Pacific: The critical role of health professionals
<p>15:00-15:20</p>	<p>Coffee/tea break (20 min)</p>
<p>15:20-16:50</p> <p>Session 8: Health and Policy</p> <p>Hosted by</p>	<ol style="list-style-type: none"> 1. 15:20-15:50 Lidia Morawska, Professor, International Laboratory for Air Quality and Health, Institute for Health and Biomedical Innovation, Queensland University of Technology Transition to clean energy: is this discussion closed? 2. 15:50-16:10 Markus Amman, AIR Program Director, International Institute for Applied Systems Analysis (IIASA) Science-based solutions to clean air in Asia

	<p>3. 16:10-16:30 Andrew Farlow, Senior Fellow, Oxford Martin School, University of Oxford China's Belt & Road Initiative: planetary health disaster or planetary health opportunity?</p> <p>4. 16:30-16:50 Hancheng Dai, Assistant Professor, College of Environmental Sciences and Engineering Co-benefits of climate change mitigation on air quality and human health in Asian countries</p>
<p>16:50-17:50</p> <p>Panel discussion: From the research to the policy: what we need to do next?</p> <p>Chaired by Dr. Tong Zhu</p>	<p>Panelist: Kirk Smith, Shu Tao, Xinbiao Guo, Yinping Zhang, Michael Brauer, Daniel Greenbaum, Wei Wan</p>
17:50-18:00	Closing Remarks
18:00-19:00	Dinner, Buffet at Shangri-La Hotel