

The 2nd International Workshop on Urbanization in Watersheds: Towards a Sustainable Urbanization

October 26-28, 2016, Xiamen, China

BACKGROUND:

Urbanization has become a major driving force of global change with over half of world's population living in urban areas by 2014 (Department of Economic and Social Affairs of the United Nations). Much of the urbanization is occurring in developing countries in Africa (such as Nigeria) and Asia (China and India) and has been causing substantial social, economic, and environmental transformations. Rapid and unplanned urbanization threatens sustainable development when essential infrastructures and policies do not match with the unprecedented urban growth. As most urban managers focus on economic and social developments, environmental deterioration has become a major issue threatening the quality of life for urban dwellers. For instance, China is now facing threats of polluted air and water, and contaminated foods derived from polluted water and soil after four decades of rapid urbanization. A "New Urbanization Policy" has been implemented in China since 2015 for sustainable development of the economy, society, and the environment. It is assumed that the degradation of the environment with urbanization simultaneously alters biogeochemical processes in the intra-urban ecosystem and surroundings.

The 1st International Workshop on Urbanization in Watersheds (IWUW 2014) addressed ecological and environmental responses to urbanization using watershed and gradient approaches. The second workshop will address **the theme** of "**Towards a sustainable urbanization**" and will focus on the development of multi- and trans-disciplinary approaches and application of "critical zone observatory" approaches to urban areas. While these approaches have been successfully applied in recent years in developed countries they have not been well developed in developing countries, where urbanization is proceeding at an unprecedented pace. This workshop thus aims to be a platform for knowledge and experience exchange among scientists, scholars, and graduates from developed and developing countries. The academic committee of **the 2nd International Workshop on Urbanization in Watersheds** invites you to join us on **October 26-28, 2016 in Institute of Urban Environment, CAS, Xiamen, China.**

ORGANIZER:

CAS Key Laboratory of Urban Environment and Health, Chinese Academy of Sciences (CAS)
1799 Jimei Road, Xiamen 361021, China

SUBTHEMES: (but not limited)

1. Long-term studies of urban watersheds (hydrology, environmental chemistry, biology, social sciences, etc.)
2. Applying the critical zone observatory approach to urban ecosystems
3. Innovations at the Nexus of Food, Energy, and Water Systems (INFEWS) in Urban Ecosystems
4. Urbanization impacts on local, regional, and global biogeochemistry
5. Strategies and policies for urban watershed management

SPONSORS:

1. CAS Key Laboratory of Urban Environment and Health, Institute of Urban Environment, Chinese Academy of Sciences
2. Ecological Society of China
3. National Natural Science Foundation of China

SECRETARIATS:

Dr. Shen YU, syu@iue.ac.cn, +86-592-6190-778
(Secretary General)

Ms. Jinwei LIN, jwlin@iue.ac.cn, +86-592-6190-955

Mr. Jun MA, jma@iue.ac.cn, +86-592-6190-561

The 2nd International Workshop on Urbanization in Watersheds: Towards a Sustainable Urbanization

October 26-28, 2016, Xiamen, China

ACADEMIC BOARD:

Co-Chairs:

Dr. Shen Yu, Institute of Urban Environment, CAS, China
Dr. Peter M. Groffman, City University of New York, USA

Members:

Dr. Arthur J. Gold, University of Rhode Island, USA
Dr. Bangqing Huang, Xiamen University, China
Dr. Bo Zhu, Institute of Mountain Hazards and Environment, CAS, China
Dr. Chengxin Fan, Institute of Geography & Limnology, CAS, China
Dr. Christopher J. Walsh, University of Melbourne, Australia
Dr. Daming He, Yunnan University, China
Dr. Dawen Yang, Tsinghua University, China
Dr. Fuli Xu, Peking University, China
Dr. Guilin Han, China University of Geosciences, China
Dr. Hans-Hermann Richnow, Helmholtz Center for Environmental Research, Germany
Dr. Heikki Setälä, University of Helsinki, Finland
Dr. Hongwen Ma, Taiwan University, China
Dr. Hucai Zhang, Yunnan Normal University, China
Dr. Liding Chen, Research Center for Eco-Environmental Science, CAS, China
Dr. Mark Robson, Rutgers, The State University of New Jersey, USA
Dr. Max Häggblom, Rutgers, The State University of New Jersey, USA
Dr. Ming-Hung Wong, Hong Kong Institute of Education & Hong Kong Baptist University, China
Dr. Nancy Grimm, Arizona State University, USA
Dr. Pen-Chi Chiang, National Taiwan University, China
Dr. Rotchanatch Darnsawasdi, Prince of Songkla University, Thailand
Dr. Shuqing Zhao, Peking University, China
Dr. Tao Lin, Institute of Urban Environment, CAS, China
Dr. Todd Walter, Cornell University, USA
Dr. William Schlesinger, Cary Institute of Ecosystem Studies, USA
Dr. Xiangrong Xu, South China Sea Institute of Oceanography, CAS, China
Dr. Xiangzheng Deng, Institute of Geographic Sciences and Natural Resources Research, CAS, China
Dr. Xin Li, Cold and Arid Regions Environmental and Engineering Institute, CAS, China
Dr. Yangfan Li, Xiamen University, China
Dr. Yongguan Zhu, Institute of Urban Environment, CAS, China
Dr. Zhihong Xu, Griffith University, Australia

CALL FOR ABSTRACTS:

The Workshop Secretariat invites abstract submissions. Acceptance of abstracts and mode of presentation (oral and poster) will be determined by the Workshop Academic Board. The abstract should have the following structure: Title, authors' names and institutional affiliations, background and objectives, methods, findings and conclusion. Mark the name of the presenting author (@) and the corresponding author (*). Provide email addresses of the presenting and corresponding authors. An abstract must not exceed an A4 page using Times New Roman 12 and Line Spacing 1.25.

IMPORTANT DATES:

- Symposium recruitment will be closed on June 30, 2016.
- Abstract submission will be closed on August 31, 2016.
- Online registration will be closed on September 15, 2016.
- Acceptance of presentations will be noticed on September 1, 2016.
- E-Program & abstracts will be available on October 16, 2016.

Fees:

Registration:

Early birds (before Aug. 15, 2016): US\$350 for regular and US\$200 for graduates and postdocs
Normal (Aug. 16-Sept. 30, 2016): US\$400 for regular and US\$300 for graduates and postdocs
On-site (Oct. 25-28, 2016): US\$450 for regular and US\$350 for graduates and postdocs

Accommodation:

The participants will be accommodated on campus of the Institute of Urban Environment, Chinese Academy of Sciences. All guest rooms only have single queen-size bed. The accommodation fee is at US\$55.00 (RMB380.00) a night including three meals a day per person at the Institute Cafeteria.

PAYMENT:

Please pay your registration fee and accommodation fee via wiring transaction. Submit the following information to your bank with your **LAST NAME** and workshop title as "IWUW".

From countries and regions except Hong Kong:

Intermediary Bank: Bank of America N.A. New York Branch
SWIFT BIC: BOFAUS3N
Beneficiary Bank: China Construction Bank Xiamen Branch
SWIFT BIC: PCBCCNBJSMX
Beneficiary Account No.: 3511 4556 0002 2010 2280
Beneficiary Name: Institute of Urban Environment, Chinese Academy of Sciences
Address: 1799 Jimei Road, Xiamen, China
Phone: +86-592-6190949

From Hong Kong:

Intermediary Bank: China Construction Bank Hong Kong Branch
SWIFT BIC: PCBCHKHH
Beneficiary Bank: China Construction Bank Xiamen Branch
SWIFT BIC: PCBCCNBJSMX
Beneficiary Account No.: 3511 4556 0002 2010 2280
Beneficiary Name: Institute of Urban Environment, Chinese Academy of Sciences
Address: 1799 Jimei Road, Xiamen, China
Phone: +86-592-6190949

For Domestic Participants(国内与会者) :

请标注"IWUW"和姓名

单位全称: 中国科学院城市环境研究所

银行帐号: 3510 1556 0010 5250 7467

开户银行: 中国建设银行股份有限公司厦门集美支行

Please send us a copy of the receipt for confirmation.

请将转款收据拍照发给我们以核对付款。