



## Third Announcement

# International Symposium of Ecohydrology and Water Security: Opportunities & Challenges from Developing Countries

Xi'an, Shaanxi, China

16-18 October, 2018

### Goal

The 2018 International Symposium of Ecohydrology and Water Security (ISEWS) will serve as an international forum, inviting researchers in the areas of ecohydrology and emerging water research, with a focus on interactions among water and ecosystems, water resources, and water security. In Particular, the related new opportunities and challenges from developing countries will be discussed together with industrial representatives, policymakers, and stakeholders. The critical concerns and significant future challenges as well as scientific and strategic responses will be identified.

Water security issues in developing countries, especially in underdeveloped areas of Central Asia, Southeast Asia and Africa, are of special significance considering the large population and unsafe water resource situation. Researches that put forward suggestions and solutions for water resources management and water security issues to help the developing countries are thus essential also in line with the Belt and Road Initiative in China.

<http://isews.nwu.edu.cn/>

## **Sponsors**

- ♦ Northwest University, China
- ♦ Working Group on Representation of Developing Countries (WGRDC)
- ♦ International Association of Hydrologic Sciences (IAHS)
- ♦ International Water Resources Association (IWRA)
- ♦ The International Hydrological Programme of the United Nations Educational, Scientific and Cultural Organization (UNESCO-IHP)
- ♦ China National Committee for Pantarhei, IAHS
- ♦ Center for Water Resources Research, Chinese Academy of Sciences (CAS), China
- ♦ Wuhan University, China
- ♦ Xi'an University of Technology, China
- ♦ Hohai University, China

## **Organizers**

- ♦ College of Urban and Environmental Sciences, Northwest University, China
- ♦ Shaanxi Key Laboratory of Earth Surface System and Environmental Capacity, Northwest University, China

## **Co-organizers**

- ♦ Research Institute for Water Security, Wuhan University, China
- ♦ Institute of Water Resources & Hydro-electric Engineering, Xi'an University of Technology, China
- ♦ Southern University of Science and Technology, China
- ♦ Institute of Soil and Water Conservation, CAS, China
- ♦ College of Hydrology & Water Resources, Hohai University, China
- ♦ North China University of Water Resources and Electric Power, China

## Steering Committee

### Chair:

Dr. Lihong Guo

Professor, President of Northwest University, China

Professor, Associate Dean, College of Urban and Environmental Sciences, Northwest University, China

Academician Jun Xia

Chair Professor of Working Group of Academician Xia Jun, Northwest University, China

Academician of Chinese Academy of Sciences (CAS)

Chair Professor & Director of Center for Water Resources Research, Chinese Academy of Sciences (CWRRAS)

Chair Professor & Director, the Research Institute for Water Security (RIWS), Wuhan University, China

Dr. Xiang Zhang

Professor, the Research Institute for Water Security (RIWS), Wuhan University, China

Dr. Jiake Li

Professor, Xi'an University of Technology, China

Dr. Shiqiang Zhang

Professor, College of Urban and Environmental Sciences, Northwest University, China

Dr. Liangju Zhao

Professor, College of Urban and Environmental Sciences, Northwest University, China

### Vice-chair:

Dr. Ninglian Wang

Professor, Director, Shaanxi Key Laboratory of Earth Surface System and Environmental Capacity, Northwest University, China

Dr. Qi Li

Associate Professor, College of Urban and Environmental Sciences, Northwest University, China

Dr. Jinxi Song

Professor, Associate Dean, College of Urban and Environmental Sciences, Northwest University, China

Dr. Chang Huang

Associate Professor, College of Urban and Environmental Sciences, Northwest University, China

Dr. Zhi Chen

Honorary Adjunct Professor, Northwest University, China

Professor, Department of Building, Civil & Environmental Engineering, Concordia University, Canada

Dr. Haotian Sun

Lecturer, College of Urban and Environmental Sciences, Northwest University, China

### Member:

Dr. Xiaohui Jiang

Professor, College of Urban and Environmental Sciences, Northwest University, China

Dr. Yi He

Lecturer, College of Urban and Environmental Sciences, Northwest University, China

Dr. Shuheng Li

Dr. Jiahua Guo

Lecturer, College of Urban and Environmental Sciences, Northwest University, China

## Scientific Committee

### Chair:

Academician Jun Xia  
Academician of Chinese Academy of Sciences (CAS),  
China  
Honorary Vice President of IAHS  
Former President of IWRA

Academician Changming Liu  
Academician of Chinese Academy of Sciences (CAS),  
China

### Vice-chair:

Prof. Luís Chicharo  
Professor, International Centre for Coastal  
Ecohydrology, and University of Algarve, Portugal

Prof. Maciej Zalewski  
Professor, European Regional Centre for  
Ecohydrology, Polish Academy of Sciences, Poland

### Member:

Mr. Callum Clench  
Executive Director of International Association of  
Hydrologic Sciences (IAHS), France

Prof. Edyta Kiedrzyńska  
Professor, European Regional Centre for  
Ecohydrology, Polish Academy of Sciences, Poland

Prof. Fariborz Haghighat  
Concordia Research Chair - Energy & Environment  
Department of Building, Civil and Environmental  
Engineering, Concordia University, Canada

Prof. Genxu Wang  
Professor, Institute of Mountain Hazards and  
Environment, Chinese Academy of Sciences, China

Prof. Giuseppe Arduino  
Chief, Section on Ecohydrology, Water Quality and  
Water Education, UNESCO-International  
Hydrological Programme (IHP)

Prof. Hans Dencker Thulstrup  
Senior Program Specialist, UNESCO Jakarta Regional  
Science Bureau for Asia and the Pacific, Indonesia

Prof. Jim Nickum  
Editor-in-Chief, Water International  
Former Vice-President, International Water Resources  
Association, Japan

Prof. Joana Lessa  
UNESCO Chair in Ecohydrology at the University of  
Algarve, Portugal

Prof. Lu Zhang  
Professor, Canberra Laboratories, CSIRO Land and  
Water, Australia

Dr. Makarius Lalika  
Doctoral, Sokoine University of Agriculture (SUA)  
Morogoro, Morogoro, Tanzania

Prof. Marco Albarracín  
Programme Specialist, Gerente Técnico, Ingeraleza,  
Quito, Ecuador

Prof. Ninglian Wang  
Professor, Director, Shaanxi Key Laboratory of Earth  
Surface System and Environmental Capacity,  
Northwest University, China

Prof. Philippe Pypaert  
Programme Specialist for Natural Sciences  
UNESCO Office in Beijing, China

Prof. Pozdniakov Sergey Pavlovich  
Head of Hydrogeology Department, Faculty of  
Geology, Moscow State University

Prof. Qiang Zhang  
Professor, Beijing Normal University, China

Prof. Rahmah Elfithri  
Senior Lecturer/Researcher Fellow, Institute for  
Environment and Development (LESTARI),  
University Kebangsaan Malaysia, Malaysia

Prof. Xiaohua Wei  
Professor, Irving K. Barber School of Arts and  
Sciences  
University of British Columbia, Canada

Prof. Xiaoyan Li  
Professor, Faculty of Geographical Science, Beijing  
Normal University, China

Prof. Yanhui Wang  
Professor, Research Institute of Forest Ecology,  
Environment and Protection, Chinese Academy of  
Forestry, China

Prof. Yaning Chen  
Professor, State Key Laboratory of Desert and Oasis  
Ecology, Xinjiang Institute of Ecology and Geography  
Chinese Academy of Sciences Urumqi China

Prof. Yongqin Chen  
Professor and College Mater, School of Humanities  
and Social Science, the Chinese University of Hong  
Kong (Shenzhen)

Prof. Zhi Chen  
Professor, Department of Building, Civil &  
Environmental Engineering, Concordia University,  
Canada

Prof. Zongxue Xu  
Professor, College of Water Science, Beijing Normal  
University, China

## Themes and Topics

Themes and topics of interest include, but are not limited to

### 1. Ecohydrological processes and new technologies

- ♦ Advancement on the fundamental theory and new method of ecohydrology
- ♦ Forest hydrology and land cover change
- ♦ Ecohydrology related mechanisms in rivers and lakes
- ♦ Wetland ecohydrology
- ♦ New technologies and approaches applied to eco-system restoration, prevention and reconstruction in urban area, wetland, river and rural area

### 2. Water security and ecosystem-related issues

- ♦ Water security issue related to eco-hydrological process
- ♦ Reconnection of rivers, lakes and reservoirs
- ♦ Water allocation, operation and regulation related to ecohydrology
- ♦ Water issues and solutions for the community

### 3. PantaRhei – sustainable water security to safeguard ecosystem and society

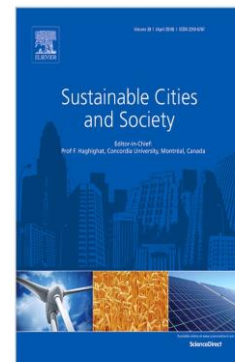
- ♦ Ecohydrology-based integrated water resources management (IWRM) and application
- ♦ Case study in China/Asia, Africa and rest of the world for a changing ecosystem and water system PantaRhei
- ♦ Water security issue and scientific responses related to the Road & Belt Initiative

## Call for Papers

Full manuscript submission is welcome. Full manuscript submission should follow the journal format requirement.

(<https://www.elsevier.com/journals/sustainable-cities-and-society/2210-6707?generatepdf=true>)

All submitted manuscripts will be peer-reviewed and high-quality papers will be published in a special issue on “Ecohydrology and water security: opportunities and challenges for developing countries” of the journal Sustainable Cities and Society (ELSEVIER, Impact Factor: 3.073) after the symposium. ([www.sciencedirect.com/journal/sustainable-cities-and-society](http://www.sciencedirect.com/journal/sustainable-cities-and-society))



## Important Dates

- ✧ Deadline for abstract submission 31 July 2018
- ✧ Notification of acceptance of abstract 15 August 2018
- ✧ Deadline for early registration 31 August 2018
- ✧ On-site registration 16 October 2018
- ✧ Symposium 17-18 October 2018

## Registration Fee

- ✧ Early registration 240 USD (1500 CNY)
- ✧ Standard registration 280 USD (1800 CNY)
- ✧ Student early registration 120 USD (750 CNY)
- ✧ Student standard registration 140 USD (900 CNY)

Note:

- ✧ Registration fee includes participation in the symposium, coffee & tea break and banquet.
- ✧ For student rate, a student needs to provide student ID and a brief support letter from supervising professor.

## Registration Procedure

You can register ONLINE by visiting the symposium website:

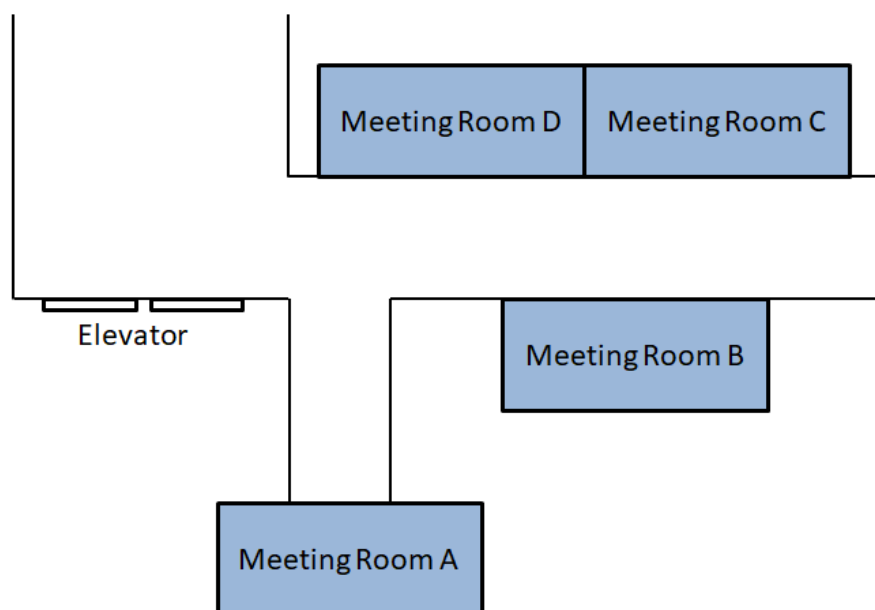
<http://isews.nwu.edu.cn/>

## Venue and Agenda

✧ Symposium venue: 3<sup>rd</sup> Floor Long March International Hotel, Xi'an City, China.

Session	Venue
Keynote Presentation	Meeting Room A
Panel Section	Meeting Room A
Parallel Session	Meeting Room B, C and D

✧ Time: October 16, 2018: On-site Registration  
October 17-18, 2018: Symposium



Layout of the 3<sup>rd</sup> floor venue



## Accommodation

### Long March International Hotel

✧ Address: 1st, West Road, High-tech Zone, Xi'an, Shaanxi, China

✧ Homepage: <http://www.longmarchhotel.com/en/eindex.php>

✧ Accommodation fee:

Hotel discount has been arranged for conference attendees. For discounted hotel rate and reservation, please contact Ms. Yixuan Zhang.

Tel: +86-18681831364

Email: [isews2018@nwu.edu.cn](mailto:isews2018@nwu.edu.cn)

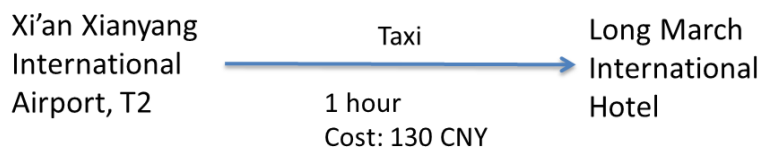
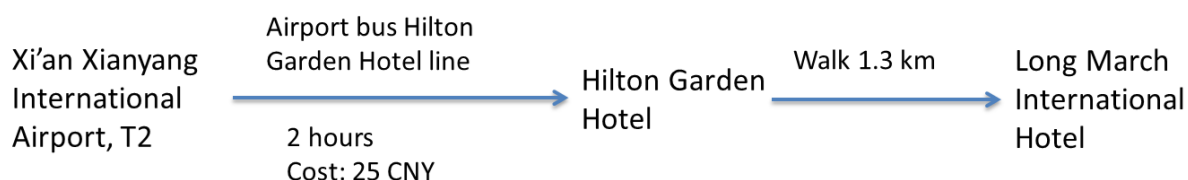
[isews2018@163.com](mailto:isews2018@163.com)



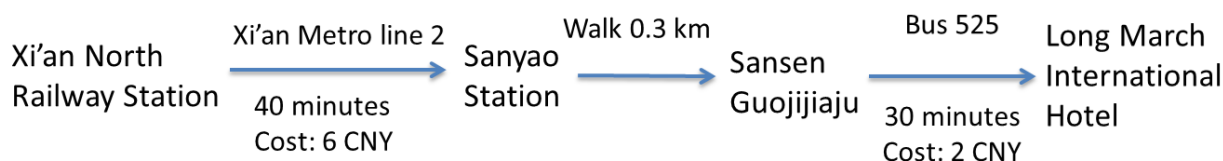
## Access

The distance is about 45 km from Xi'an Xianyang International Airport and 28 km from Xi'an North Railway Station to Long March International Hotel. Please refer to the specific routes as follow:

### 1. From Xi'an Xianyang International Airport to Long March International Hotel

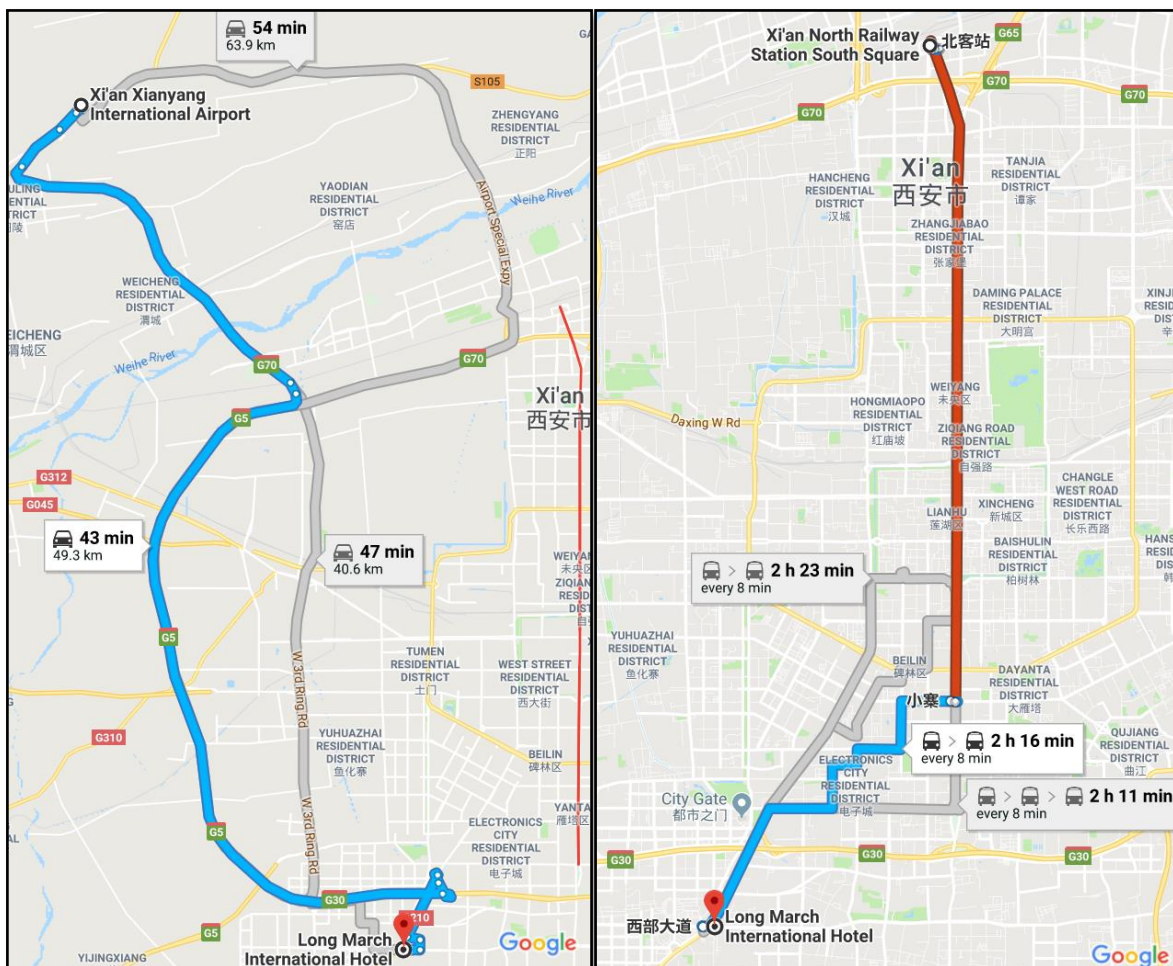


### 2. From Xi'an North Railway Station to Long March International Hotel



<http://isews.nwu.edu.cn/>

Xi'an North Railway Station Taxi → Long March International Hotel  
 1 hour  
 Cost: 110 CNY



Route from Xi'an Xianyang International Airport to Long March International Hotel

Route from Xi'an North Railway Station to Long March International Hotel

## **Contacts Information**

**General contact:** Abstracts and paper submission, Accommodations & Visa assistance

### **Dr. Haotian Sun**

Lecturer

College of Urban and Environmental Science, Northwest University

710127 Xi'an, China

Tel: + 86-15275925362

E-mail: [isews2018@nwu.edu.cn](mailto:isews2018@nwu.edu.cn); [isews2018@163.com](mailto:isews2018@163.com)

### **Academic contact**

#### **Dr. Jun Xia**

Academician of Chinese Academy of Sciences (CAS)

Chair Professor & Director of Center for Water Resources  
Research, Chinese Academy of Sciences (CWRRAS)

Chair Professor & Director, the Research Institute for Water  
Security (RIWS), Wuhan University, 430072, Wuhan, China

Chair Professor of Working Group of Academician Xia Jun,  
Northwest University, 710127, Xi'an, China

E-mail: [xiajun666@whu.edu.cn](mailto:xiajun666@whu.edu.cn); [xiaj@igsnr.ac.cn](mailto:xiaj@igsnr.ac.cn)

#### **Dr. Jinxi Song**

Professor

College of Urban and  
Environmental Science,  
Northwest University

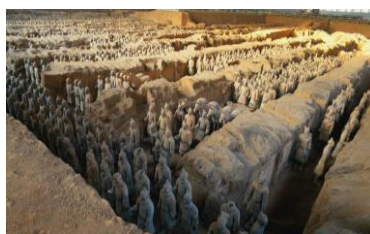
710127 Xi'an, China

Tel: + 86-29-88308596

E-mail: [jinxisong@nwu.edu.cn](mailto:jinxisong@nwu.edu.cn)

## Travel in Xi'an

Xi'an, known as Chang'an (meaning the eternal city) in ancient times, has a history of more than 3,000 years. For 1,100 years, the city was the capital for 13 dynasties, and a total of 73 emperors ruled here. Having served as the capital city for the Zhou, Qin, Han, Sui and Tang dynasties, Xi'an is one of the birthplaces of the ancient Chinese civilization. With such a rich history, Xi'an, as the eastern terminal of the famous Silk Road, has more than 4,000 historical sites, with over 120,000 pieces of unearthed cultural relics. The must-see historical sites of cultural heritage include the Museum of Terracotta Warriors and Horses, the Ancient City Walls of the Ming Dynasty, the Forest of Stone Steles Museum, and the Ancient Huaqing Pool (the Huaqing Hot Springs). The Museum of Terracotta Warriors and Horses is praised as "the Eighth Wonder of the World". Today the city also has a pleasant cosmopolitan flair to it. Visitors can take a walk on the renovated ancient city walls and ring the ancient bells and drums at the Bell Tower and the Drum Tower; indulge yourself in the breathtaking Shaanxi Historic Museum for ancient Chinese mural paintings and other gorgeous relics enjoy the delicious local food; and treat yourself with amazing Xi'an drum music or traditional drama.



*Museum of Terracotta Warriors and Horses*



*Big Wild Goose Pagoda*



*Bell Tower*



*Huaqing Pool*



*City Walls of the Ming Dynasty*



*Daming Palace*

## Further information

For more information, please do not hesitate to contact the organizing committee at [isews2018@nwu.edu.cn](mailto:isews2018@nwu.edu.cn) or [isews2018@163.com](mailto:isews2018@163.com), or go to the official website: <http://isews.nwu.edu.cn/>.

<http://isews.nwu.edu.cn/>