14th International Symposium on River Sedimentation (14th ISRS)

THEMES
“Integrated Sediment Management in Rivers and Coasts”

2019.09.16-19  |  Chengdu China

Organized by Sichuan University
INVITATION

China’s water-related infrastructure has developed by leaps and bounds leading to further advances in scientific and technical research. Consequently, the role of sediment research is becoming more challenging than ever before. In the midst of these advances, the International Symposium on River Sedimentation (ISRS) will return to China after the successful Yichang Symposium 14 years ago.

On behalf of the 14th ISRS Organizers, we would like to warmly invite you to join us in Chengdu, China for the 14th International Symposium on River Sedimentation (14th ISRS). The Symposium will be held with the theme of “Integrated Sediment Management in Rivers and Coasts”.

We look forward to welcoming you to Chengdu in September 2019 and we are confident that this symposium will be one of the most successful ones in the ISRS series.

Weilin Xu
Chairperson of the Local Organizing Committee
Sponsored by
• International Research and Training Center on Erosion and Sedimentation (IRTCES)
• World Association for Sedimentation and Erosion Research (WASER)

Co-sponsored by
• International Association for Hydro-Environment Engineering and Research
• National Inland Waterway Regulation Engineering Research Center
• Changjiang River Scientific Research Institute of Changjiang Water Resources Commission

Organized by
Sichuan University

Secretariat at
The State Key Laboratory of Hydraulics and Mountain River Engineering, Sichuan University
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• Lee Kwan Tun, China
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• Ran Qihua, China
• Rebekka Kopmann, Germany
• Scott C. Hagen, USA
• Shi Bing, China
• Song Jinxin, China
• Songdong Shao, UK
• Subhasish Dey, India
• Sung-Uk Choi, Korea
• Valentin Golosov, Russian Federation
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- Lei Xiaozhang
- Yang Fengguang
- Zhang Bin
INTRODUCTION
The International Symposium on River Sedimentation is a triennial conference series initiated in 1980 by the Chinese Hydraulic Engineering Society (CHES) with the support of UNESCO. Since its foundation, the International Research and Training Center on Erosion and Sedimentation (IRTCES) in Beijing has served as the permanent secretariat of ISRS. Thirteen such symposia have been successfully held in Beijing, Nanjing, Jackson, Beijing, Karlsruhe, New Delhi, Hong Kong, Cairo, Yichang, Moscow, Stellenbosch, Kyoto and Stuttgart respectively. The World Association for Sedimentation and Erosion Research (WASER) was inaugurated at the 9th ISRS in 2004 with its Secretariat located in the IRTCES, and the ISRS has become the official Symposium of WASER since then.

The objective of ISRS is to provide an unique platform for researchers from all over the world with interest in the field of sediment and its management to share and discuss latest scientific ideas and achievements. This symposium, which will be held on September 16-19, 2019 in Chengdu, China will be the 14th International Symposium on River Sedimentation, and the host organization will be Sichuan University.

CHENGDU CITY
Chengdu is the capital city of Sichuan Province in southwest China. It has a long history going back 2,300 years and is well known for its colorful culture, captivating scenes as well as delicious traditional foods. There are numerous beautiful scenic spots and ancient relics in and around the city. Airplane to Chengdu from North America, Australia, Europe and Russia takes 7-15 hours, 6 hours from Tokyo, and about 3 hours from Hong Kong, Beijing, Shanghai and Seoul.
SYMPOSIUM VENUE
The symposium will be held at Wangjiang Hotel, near Sichuan University and well connected to the other parts of city by public transportation.
Address: 42, Xiashahepu Street, Chengdu, Sichuan, 610041 China
Front Desk: +86-28-84790000

ACCOMMODATION
Wangjiang Hotel is a 5-star hotel (USD 90), surrounded by a group of hotels. These accommodation options (USD 35 - 60) will be offered via the online registration system allowing delegates to easily make their reservations when they complete their symposium registration. For more information, please visit www.isrs2019.cn.

REGISTRATION
Five levels of registration fees are available as follows. Register early for a discount. Members from IAHR and WASER will also enjoy a discount. Registration fees are inclusive of the Welcome Reception, Symposium Dinner, full scientific program, catering and proceedings. Though registration can be done at the symposium venue, participants are encouraged to register and pay online. Details on registration, payment and cancellation will be published at the symposium website soon.

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
<th>Prior to July 31, 2019</th>
<th>On and after August 1, 2019</th>
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<tbody>
<tr>
<td>R1</td>
<td>IAHR member</td>
<td>USD 500</td>
<td>USD 550</td>
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<tr>
<td>R2</td>
<td>WASER member</td>
<td>USD 500</td>
<td>USD 550</td>
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<tr>
<td>R3</td>
<td>Regular participant</td>
<td>USD 550</td>
<td>USD 600</td>
</tr>
<tr>
<td>R4</td>
<td>Student</td>
<td>USD 270</td>
<td>USD 300</td>
</tr>
<tr>
<td>R5</td>
<td>Accompanying person</td>
<td>USD 270</td>
<td>USD 300</td>
</tr>
<tr>
<td>R6</td>
<td>Newly applied WASER member* (USD 40 for 3 years WASER membership included)</td>
<td>USD 540</td>
<td>USD 590</td>
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</tbody>
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*After obtaining the Application Form for WASER (English), Application Form for WASER (Chinese), please fill and submit application form for WASER to isrs2019@126.com.
**THEMES**

**“Integrated Sediment Management in Rivers and Coasts”**

Under this theme, the symposium topics include:

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<table>
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<tbody>
<tr>
<td><strong>A</strong></td>
<td>Sediment yield and erosion processes</td>
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<tr>
<td><strong>B</strong></td>
<td>Sediment transport</td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>Sedimentation in estuarine and coastal areas</td>
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<tr>
<td><strong>D</strong></td>
<td>Reservoir sedimentation</td>
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<tr>
<td><strong>E</strong></td>
<td>Environmental and ecological sediment</td>
</tr>
<tr>
<td><strong>F</strong></td>
<td>Fluvial processes and geomorphy</td>
</tr>
<tr>
<td><strong>G</strong></td>
<td>Sediment related to disasters</td>
</tr>
<tr>
<td><strong>H</strong></td>
<td>Modeling &amp; measurement techniques</td>
</tr>
<tr>
<td><strong>I</strong></td>
<td>Integrated sediment management</td>
</tr>
<tr>
<td><strong>J</strong></td>
<td>Fluvial Processes and Regulation in the Yangtze River</td>
</tr>
</tbody>
</table>
PLENARY REPORTS AND KEYNOTE SPEECHES
The symposium will have 8 plenary reports, which will be given by:

- Astrid Blom, Delft University of Technology, Netherlands
- Panayiotis (Panos) Diplas, Lehigh University, USA
- Fu Xudong, Tsinghua University, China
- Marwan A. Hassan, The University of British Columbia, Canada
- Marcelo H. Garcia, University of Illinois at Urbana-Champaign, USA
- Liu Chao and Liu Xingnian, Sichuan University, China
- Hajime Nakagawa, Kyoto University, Japan
- Ni Jinren, Peking University, China
- Jeffrey A. Nittrouer, Rice University, USA
- Wang Zhaoyin, Tsinghua University, China

A number of keynote speeches will be offered on the topics of current and emerging issues in the field of river sedimentation research.

KEY DATES AND DEADLINES

<table>
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<th>Event</th>
<th>Deadline</th>
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<tr>
<td>Submission of extended abstracts</td>
<td>April 30, 2019</td>
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<tr>
<td>Submission of biography</td>
<td>April 30, 2019</td>
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<tr>
<td>Submission of full papers</td>
<td>June 30, 2019</td>
</tr>
<tr>
<td>Registration (early bird deadline)</td>
<td>July 31, 2019</td>
</tr>
<tr>
<td>Symposium</td>
<td>September 16-19, 2019</td>
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</table>

EXTENDED ABSTRACT AND FULL PAPER SUBMISSION
The authors of accepted abstracts must submit the extended abstract online before **April 30, 2019**. Full paper must be submitted online for consideration of the Scientific Committee before **June 30, 2019**. Please notice that the extended abstract and full paper must be written in English and in required format. **The Extended Abstract Template** and **Full Paper Template** are attached here for your reference.

BIOGRAPHY SUBMISSION
The biography must be submitted online before **April 30, 2019** and it must be written in English and in required format. **The Biography Template** is attached here for your reference.

If you have any questions about the submission of extended abstract, full paper and biography, please contact Dr. Liu Chao.
Email: liuchaoscu@vip.qq.com
Tel: +86-18482298883
SYMPOSIUM PROCEEDINGS
All abstracts and papers will be peer reviewed.
All accepted and presented papers (both oral and poster) will be published in a Symposium Proceedings, in the form of a printed volume of abstracts and a USB flash disk with an ISBN Number containing PDF files of full-length papers. Selected papers will be considered for publication in peer-reviewed journals including the *International Journal of Sediment Research* (SCI indexed), the *International Soil and Water Conservation Research*, and *Advanced Engineering Sciences* (EI indexed).

TECHNICAL TOURS
Technical tours will be organized to:
Dujiangyan Irrigation Project

Dujiangyan Irrigation Project, one of the oldest irrigation systems in the world, is a wonder in the development of Chinese science. In China, Chengdu is always praised as the Tian Fu Zhi Guo, which means “Land of Abundance”. Over 2,200 years ago, the city was threatened by frequent floods caused by flooding of the Minjiang River (a tributary of the Yangtze River). Li Bing, a local official of Sichuan Province at that time, together with his son, decided to construct an irrigation system on the Minjiang River to prevent flooding. After a lengthy study and a lot of hard work by the local people, the great Dujiangyan Irrigation Project was completed. The project consists of three important parts, namely Yuzui, Feishayan and Baopingkou, which were scientifically designed to control the water flow of the rivers automatically from the mountains to the plains throughout the year. Thanks to Dujiangyan, the Chengdu Plain has been free from floods and enjoys the biggest irrigation area of more than 6,687 square kilometers (2,581 square miles) in China.

POST-SYMPOSIUM TOURS
Two lines of post-symposium tour (3 to 5 days each) will be organized to:
• Jiuzhaigou valley (UNESCO world heritage)

Jiuzhai Valley is located in Nanping County, 450 kilometers (about 280 miles) to the north of Chengdu City, Sichuan, covering a total area of 720 square kilometers, and the valley is 50 kilometers in length. Jiuzhai Valley, literally the Nine Village Valley, is known for the nine Tibetan villages within its boundary. Besides, Jiuzhai Valley is famous for its diversity in natural scenery, including snowy peaks, double waterfalls, colorful forests, peaceful lakes and green sea. Jiuzhai Valley is honored as "fairy-land on earth” for its unique beauty. On December 14, 1992, it was approved to be one of the world natural heritages by the UNESCO.
Jiuzhai Valley consists of six scenic spots: Changhai, Jianyan, Nuorilang, Shuzheng, Zharu and Heihai. The graceful scenes of Jiuzhai Valley are mainly concentrated in a Y-shaped valley which consists of Nuorilang Gully and its two branches. In addition to gorgeous scenery, the fresh air and bright sunshine also make Jiuzhai Valley an ideal place for tourism, sightseeing and vacation.

- Three Gorges Project

The Three Gorges Project was completed in 2009. Situated at Sandouping Town of Yichang City, Hubei Province, the Three Gorges Dam is the largest hydro-power station in the world with an annual energy output of 84.7 billion kilowatt-hours. The Three Gorges Dam includes three parts: the dam itself, a hydroelectric station, and a system of locks. The height of the Three Gorges Dam is 185 meters (607 ft) above the sea level. The dam is about 2,300 meters (7,546 ft) long and about 115 meters (377 ft) wide. With a water capacity of 39.3 billion cubic meters, the dam will hold a huge reservoir which will efficiently prevent flooding in the middle and lower reaches of the Yangtze River. The 1,000-square-kilometers (386 square miles) reservoir is an artificial lake showing visitors a picturesque view in sunny days that the wide blue lake and the vast azure sky merge at the horizon.

The dam would discharge flood during the flood period (July-August), if you are just visiting the Three Gorges Dam at that time, you will enjoy the marvelous spectacle of flood discharge. As a modern wonder, the Three Gorges Dam has had a massive impact upon the region's ecology and people as well as forms a new landscape adorning the Yangtze River.

**LANGUAGE**
The working language will be English.

**EXHIBITION AND SPONSORSHIP**
An exhibition area for leading companies will be located alongside the meeting rooms. For more information, please visit the symposium website, or contact Professor Ruidong An.
Email: anruidongscu@gmail.com
Tel: +86-28-8540-7075 or +86-13666232326