

1st China-Japan-South Korea Water Science Research Forum

Sustainable Development of Regional Water Resources Under Changing Environment

(October 28-30 2017 | Dalian, China)



Organizer

Dalian University of Technology

China



Host

- Dalian University of Technology

China



- Jilin University

China



- Chungnam National University

South Korea



- Tokyo Institute of Technology

Japan



Organizing Committee

- Chairman of the conference:**

Huicheng Zhou (China)

Kwansue Jung (South Korea)

Tsuyoshi Kinouchi (Japan)

- Executive chairman:**

Chi Zhang (Dalian University of Technology)

Yong Peng (Dalian University of Technology)

- Secretary general:**

Hongyan Li (Jilin University)

Zhuohang Xin (Dalian University of Technology)



Conference Support

- **Major International (Regional) Cooperation Research Project of the National Natural Science Foundation of China**
(Grant No.51320105010)
- **Joint Research Between the National Natural Science Foundation of China and the National Research Foundation of Korea Scientific Cooperation Program**
(Grant No. 51711540299)
- **The Major Research Plan of the National Natural Science Foundation of China (Key Project)**
(Grant No.91647201)
- **The Major Research Plan of the National Natural Science Foundation of China (Training Project)**
(Grant No.51579027)
- **The National Natural Science Foundation of China (General Program)**
(Grant No.51379088)
- **The National Natural Science Foundation of China (General Program)**
(Grant No.51379027)



- **Background**

China, Japan and South Korea are located in the most severe monsoon climate change region. Uneven regional (basin) precipitation distribution in spatial and temporal, coupled with the large population and other factors, lead to a series of problems occurred frequently, such as shortage of water resources, flood and drought disasters, deterioration of water environment, water ecological degradation, etc. This has already seriously restricted the sustainable development of social economy and society; at the same time, in this kind of monsoon zone with characteristic of the largest change rate of natural geographical environment, the hydrological process has the complexity of spatial and temporal variability, leading to the sensitivity and vulnerability of water resources to external environmental. Therefore, evaluation of influence and regulation on regional water resources under changing environment is a representative, scientific and practical research topic.

China, Japan and South Korea are three neighbors. The meteorological and hydrological characteristics are of spatial similarity, while underlying surface conditions and the impact of human activities are different due to the variant social forms and mode of development. Therefore, the scientific rules of water resources are different in different regions. Based on the existing research, China, Japan and South Korea can explore jointly the response rules of regional water resources to climate change and human activities through communication and cooperation, provide strategy to water resources protection and development under changing environment, and provide technical support to the sustainable utilization of water resources for the regional social and economic development.

- **Purpose**

Academic equality, freedom of communication, sharing experience, promoting cooperation

- **Theme**

The theme of the forum is "Sustainable development of regional water resources under changing environment", and will focus on the following 6 issues (but not limited to the following):

- (1) The joint regulation of reservoir group
- (2) The changing regularity and mechanism of water cycle factors
- (3) The sustainable development and utilization of water resources
- (4) Hydrological process model and its application
- (5) Simulation of meteorological disasters process, risk assessment and comprehensive prevention
- (6) Effective development and utilization of water resources



Requirements

- **Language**

English

- **Oral presentation**

30 minutes; 15 minutes for questions

- **Poster**

Exchange papers or promotional materials need to be submitted to the conference group in advance, and organizers will distribute and issue them in conference for communication, but not for publication.



Conference Fees

The conference registration fee is free of charge. Participants need to pay their international travel expenses. Hotels as well as all breakfast, lunch, and dinner expenses during the conference will be provided by the conference group.



Registration and Accommodation

- **Registration date:** October 27, all day registration.
- **Place of registration:** Dalian University of Technology, China.
- **Please return receipt back to the conference group before August 15, 2017.**
- **Departure date:** October 31, all day departure.



Schedule

- **October 28, 9:00-11:00 AM:** Introduction of the Tripartite Research Institute.
- **October 28, 2:00-5:00 PM:** Presentation Time.
- **October 29, 9:00-11:00 AM:** Presentation Time.
- **October 29, 2:00-5:00 PM:** To Visit the Laboratory.
- **October 30, All day:** To Visit the DUT Campus.
- **Remark:** The agenda should be modified depend on return receipt.



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Please remember any one of the contact phones, and we will provide consulting services at any time!

**1st China-Japan-South Korea
Water Science Research Forum Conference Group**