

CALL FOR ABSTRACTS

CHINA May 2018 'Smart Water Systems' Workshop

The State Administration of Foreign Experts Affairs (SAFEA), China is in the process of organizing a 12th Workshop to be held from May 13 to May 19, 2018 in Jinan, Shandong, China.

The Canadian Society for Civil Engineering (CSCE) has participated in the last two workshops and has been asked to invite foreign experts to participate in the 2018 workshop on the water resources themes below.

This is a call for abstracts of 2-3 pages length on the topics given below.

Abstracts are due by Dec. 15, 2017. Participants will be selected and notified by Dec 31, 2017.

Please send your abstracts to rldroste@uottawa.ca. Also include a brief cv (1-2 pages) based on the resume template at the end of this document.

Selected participants will need to prepare a 10 page paper for inclusion in workshop proceedings. Each participant will deliver a powerpoint presentation of approximately 20 minutes during the workshop.

Group discussions will occur during the workshop to put together a document summarizing the major conclusions of the workshop.

1. Background

In 1992, the Chinese Institute of Engineers in the US (CIE/USA) signed an agreement with the SAFEA, People's Republic of China, to organize technical workshops in China on selected technical topics. Since then, a few workshops have been organized by CIE/USA together with a number of Chinese government hosts.

In 2006, the American Society of Mechanical Engineers (ASME) was invited to join the CIE/USA to organize the 7th Workshop and the number of non-Chinese-descent participants in the subsequent workshops increased significantly. Also, participants were invited from several countries in addition to the USA.

In the 9th Workshop held in April 2012, the Chinese organizers were SAFEA, the Chinese Ministry of Science and Technology, the Ministry of Industry and Information Technology, the Beijing government, Jiangxi Provincial Government, the Anhui Provincial Government and the Chinese Academy of Engineering. The foreign co-organizers were again the CIE/USA and ASME. In the 9th Workshop, there were 180 participants from China and 58 foreign participants from the US, Canada, Australia, UK and Holland.

Spadework of Todd Chan (deceased), CSCE V-P International, and Jeanne Huang, CSCE IAC Special Envoy to China, laid the groundwork for a meeting with SAFEA in November 2012. This resulted in CSCE participating in the current and past two workshops in 2014 and 2016.

2. Main theme and Topics for Discussion

Theme

Smart water resources management and irrigation.

Topics

- 1) Concept and Practices of Smart Water Resources Management
 - a) Advanced theory/technology development re smart water resources management
 - b) ‘Big Data’ procedures and capabilities for providing insights
- 2) Smart Rivers and Lakes
 - a) Monitoring of dams and rivers, integrated information management system for data collection, transfer, data analysis and decision support.
 - b) Flood forecasting and smart control systems
 - c) Ecological water quality monitoring and forecasting system for rivers and lakes as well as reservoirs
 - d) Smart river chief: monitoring and management
 - e) Video analysis
- 3) Rural Water Supply Security and Smart Irrigation

3. Schedule and Itinerary

Date	Activity
May 12, 2018 (Saturday)	Foreign delegates arrive in Beijing, China
May 13 to 17	Travel to the City of Jinan (about 100 kms north of Shanghai) and have discussions and presentations with local engineers
May 18	Return to Beijing for more discussions and presentations
May 19	Presentation of findings to senior administration officials in Beijing

4. Water Workshop Participants

The workshop will be consist of presentations from 10 Canadian delegates and approximately 20 Chinese delegates.

5. Expenses

The Chinese government will pay for all airfares (international and domestic) and living expenses of foreign experts during their stay in China for the May 2018 Workshop.

Resume

Name:

Address :

Phone :

Email :

Education:

1.

2.

3.

Experience :

1.

2.

Present Position :

1.

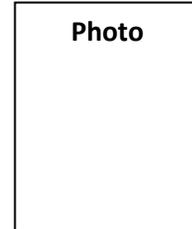
2.

3.

Expertise :

1.

2.



3.

Selected Publications and Patents :

1.

2.

Social Activities and Honors:

1.

2.

3.