

# Activities Report on behalf of IAHS since Prague

## XIA Jun

Bureau Member of IAHS  
Academician of Chinese Academy of Sciences (CAS)  
Chair Professor & Director, Research Institute for Water Security(RIWS),Wuhan University, China  
Distinguished Professor, Key Lab. of Water Cycle & Related Land Surface Processes, CAS, China  
Tel. +86 10 64889312 Fax: + 86 10 64856534  
E-mail: xiajun666@whu.edu.cn xiaj@igsnr.ac.cn

As Honorary Vice-President of IAHS and also the Chair of the Working Group on Representation of Developing Countries (WGPDC), I have attend several global and regional activities on behalf of IAHS since Prague of IUGG GA and IAHS meeting on 2015. My major activities related IAHS target for developing countries in the world are reported as follows:

### **1. Organizing and attending several important International Conferences or Symposiums on water issue in the world on behalf of IAHS**

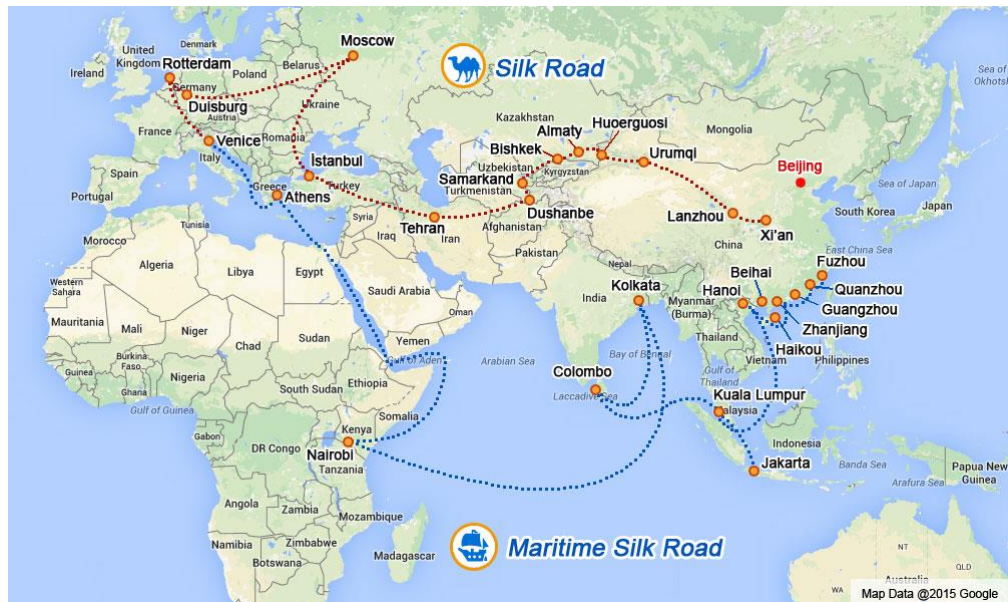
- Planning and organizing ***the International Workshop on Hydrological Knowledge Innovation and its Practices in Developing Countries, on November 13-17, 2016 in Shenzhen & Wuhan, China.*** Major target is to bring together scientists from worldwide in particular from developing countries and various disciplines that share a common interest in addressing the challenges of understanding and managing the hydrological systems knowledge. There are four main objectives for this workshop; Understand major water challenges in e.g. developing countries in a coupled nature-human systems; Demonstrating current hydrological knowledge of models, tools and case studies to deal with water problems e.g. water scarcity, water-related disasters, groundwater depletion, water-related poverty and wars; Identifying demand for hydrological innovation to meet the grand water challenges in different regions; Alas develop a multi-national and multi-disciplinary cooperation framework and statement with a concrete working plan in order to provide capacity building, monitoring equipment, remote sensing techniques, and free software packages for developing countries, and to expand *Panta Rhei* as well as IAHS through establishing national committees and regional networks and increasing members in these counties. Some of funding from China are processed to support a part IAHS bureau members and representative from developing countries to attend this workshop. Detail see attachments document (Xia J. & Liu J.G.)

- Attending ***the 16th Water Net/WAFSA/GWP-SA Symposium in Mauritius, 28-30 October 2015*** with President of IAHS, Professor Hubert Savenije on behalf of IAHS. Besides giving a keynote Presentation on water security issue in the global, also jointly with IAHS President, Professor Hubert Savenije, to give presentation, entitled ***International Association of Hydrological Sciences (IAHS): New Perspectives for Africa and the Developing World: Prof Hubert Savenije & Prof Xia Jun*** during Closing Plenary. Prof. XIA Jun also made use of this symposium to contact more African peoples to try to build up IAHS networks in African countries in coming years.
- Participating in ***the 7<sup>th</sup> International Water Resources Management of IAHS , organized by ICWRS in Bochum, Germany, 18-20 May 2016***, as a special invitation from developing countries, particular from China, and give a key note presentation on water spatial allocation through large water transfer project in China, i.e., demands and challenges for adaptive management of changing environment. Also attending discussion on Socio-Hydrology and how developing this issue in developing countries in the world.
- Planning and organizing ***the Hydrological section for the 13th Annual Meeting of Asia Oceania Geosciences Society (AOGS), 31th July-5th August 2016, Beijing, China***. One of major goal to strengthen and develop IAHS network in Asia Oceania countries. Theme is the Climate Change and Water Security. Two issues will be discussed: (1) How to screen the impact of climate change on water sector, and how to quantify water resource vulnerability related to the impact of climate change and human activity? (2) How to take adaptation & wisely manage water to the changing environment on existing water projects and new water programme & water policy, particularly in developing countries? Also, good water governance to changing environment is also welcome to be discussed.

**2. *Applying and obtained funding from Chinese Academy of Sciences (CAS) to focus on Water Sciences and Water Security Strategy of Developing Countries related to One Belt and One Road Issue***

Prof. XIA Jun make use of this new position as the Academician of Chinese Academy of Sciences (CAS) on hydrology & water resources, also as the Chair of the Working Group on Representation of Developing Countries (WGPDC) of IAHS to submit his proposal on building up ***the Water Sciences and Water Security Strategy for Developing Countries related to One Belt and One Road Regions in the world*** at the early of this year. This project will focus on four regions through Qinghai-Tibet Plateau system, i.e., Eastern Asia related to Mekong River, Centro Asia related to Tajikistan, Russia etc., South Asia related to Pakistan, India and also African countries. By a series of application and defense meeting, Prof. Xia was informed on the end of May that his proposal was successfully applied. This is a very good

consulting project on Water Sciences and Water Security Strategy for Developing Countries in the world. Prof. Xia try to make use of this chance to strengthen development of IAHS network and also membership in coming years.



### 3. Future Plans

- Attending ***the 17th WaterNet /WARFSA/GWP-SA Symposium on Integrated Water Resources Management: Water Security, Sustainability and Development in Eastern and Africa Southern, Botswana, 26th – 28th October 2016*** with President of IAHS, Professor Hubert Savenije on behalf of IAHS. Trying to develop IAHS network of African countries and possible country representative for IAHS, and also relative jobs on International Association of Hydrological Sciences (IAHS) for Africa and the Developing World in coming years.
- Doing well the job as Honorary Vice-President of IAHS and also the Chair of the Working Group on Representation of Developing Countries (WGPDC), and also *Water Sciences and Water Security Strategy of Developing Countries related to One Belt and One Road and others IAHS activities.*