



IAHR-HK Presentation

Future Studies on Eco-hydraulics in China



Speaker: Dr Zhaoyin WANG is professor of the Department of Hydraulic Engineering of Tsinghua University, the Chairman of the Advisory Council of the International Research and Training Center on Erosion and Sedimentation (UNESCO). For his achievement, he won China National Science and Technology Progress Prizes on Vegetation-erosion Dynamics, Sedimentation Study in the Three Gorges Project and Water Resources Management of the Yellow River Delta. ASCE awarded him the 2011 Hans Albert Einstein Award for his unique contributions for understanding of hyper-concentrated flows, debris flows, watershed vegetation-erosion dynamics, stream ecology and restoration, and integrated river basin management.

Topic: Eco-hydraulics has become the growth point and one of the most active aspects of water sciences since 2000. China is stepping into a moderately developed country and pays more and more attention to aquatic ecology. Quite many eco-hydraulics problems become the main subjects of research and engineering projects. For instances, fish ladders and fish passages are designed and constructed on the hydro-power dams that constructed in the past decades. Algal bloom has posed a serious challenge to scientists and managers of rivers and lakes. Ecological restoration projects are going to be conducted on rivers and various measures are studied and compared for improvement of ecological conditions. In this talk, Prof Wang will talk about 1. Fish Hydraulics; 2. Invasion of Species into Canals and Water Transfer Tunnels; 3. Habitat Change due to Hydraulic Engineering; 4. Studies on Eco-sedimentation and 5. Restoration of Habitat.

Date:	4 July 2016 (Monday)
Time:	6:00pm - 7:30pm
Venue:	Room T6A & T6B, Arup Office, Level 5 Festival Walk, 80 Tat Chee Avenue, Kowloon Tong
Speaker:	Prof Zhao-yin WANG
Language:	English
Facilitator:	Ander Chow/Kenneth Kwok

Registration fee: Nil

Registration: This talk is limited to 50 attendees and interested parties please complete the online registration form on or before 30 June 2016 (Noon) at

<http://goo.gl/forms/a7XUVIAPpNS1ZXrQ2>

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