



**Professor Lee Chack-fan** is a Fellow of HKAES and also a member of the Chinese Academy of Engineering. He specialises in geotechnical engineering as applied to landslide and earthquake hazard mitigation, dams and water resources management, tunneling and underground excavations, and geological disposal of nuclear water. He has more than 30 years of experience in feasibility studies, design and construction of energy and infrastructure projects.

**Professor Wang Hao** is a member of the Chinese Academy of Engineering and chairman of the Water Resources Institute, China Institute of Water Resources and Hydropower Research. He has more than 25 years of experience in hydrology and water resources management, and led a number of prominent national and international projects. His dualistic water cycle theory has been widely acclaimed and earned him national prestige.



### **Hong Kong Academy of Engineering Sciences**

Founded in 1994 by eight distinguished engineers in Hong Kong under the leadership of the Hon Sir SY Chung, GBM FREng JP, the Hong Kong Academy of Engineering Sciences is an organisation of Hong Kong's most eminent engineers of various disciplines and leaders of the profession with distinguished achievements in engineering sciences or applications. It aims to promote the advancement of science, art and practice of engineering for the benefit of the public, and to pursue excellence in all fields of engineering.



## **HONG KONG ACADEMY OF ENGINEERING SCIENCES** **Distinguished Lecture Series**

INVITATION

**WATER AND ENVIRONMENT**

# World *Water* Challenges are we ready to respond?

A special lecture by  
**two renowned academics on water problems in China**



## CLIMATE CHANGE

and rapid urbanisation have brought various water challenges to many parts of the world – some are facing droughts, some are suffering from floods and some are threatened with contaminated water. China is no exception and is faced with severe problems. With its major source of water from the Dongjiang River and in view of the significant infrastructure developments in the Pearl River Delta, Hong Kong must look at broad issues to ensure our long-term water security and environmental sustainability. Are our water strategies future-proof?

In this lecture, two top experts will share their insights. Professor Lee Chack-fan will analyse major water issues in China and the underlying principle to tackle these problems. Professor Wang Hao will discuss the critical water challenges in China, and present innovative water resources management policies and strategic engineering projects including the north-south water transfer scheme. The lecture will be conducted in Cantonese and Putonghua respectively with simultaneous translation.

You are cordially invited to this lecture and chart our water future.

**Saturday, 6 November 2010, 9:30am**

### Lecture Theatre

G/F, Hong Kong Central Library  
Causeway Bay, Hong Kong

#### PROGRAMME

9:30	Welcome address by <b>Professor Joseph Hun-wei Lee</b> , President of Hong Kong Academy of Engineering Sciences Opening speech by <b>Mrs. Carrie Lam</b> , Secretary for Development, Hong Kong SAR Lecture by <b>Professor Lee Chack-fan</b>
10:30	Break Lecture by <b>Professor Wang Hao</b> Q & A Vote of thanks by <b>Ir James Blake</b> , Chief Officer, Kowloon-Canton Railway Corporation
12:30	End

Please RSVP prior to 30 October by email to [hkaes2010@hku.hk](mailto:hkaes2010@hku.hk) or by fax to 2559 5337.