

## Visit Report to CICHE Seminar and Annual Meeting

7 to 9 December 2018 – Delegation to Chinese Institute of Civil and Hydraulic Engineering (CICHE) in Kaohsiung, Taiwan – International conference, Annual Meeting, Technical Tour and meeting with Government Representatives, Consultants and Contractors and Professors from Universities

First day International Seminar “Building Smart Engineering Projects & Cultivating Urban Culture Characteristics”. Albert Yeung, (Past Region 10 Director, Past President of HK Section), Gang Wang (Past President of HK Section) and Kelvin Tsang (President of HK Section) Albert was one of the keynote speakers among 4 others in the morning, his topic is Engineering and Socio-economical Aspects of Hongkong-Zhuhai-Macau Bridge. Gang presented Physics-based Coseismic Landslide Simulation and Kelvin presented Transit-Oriented Development - Planning & Implementation. Joined the international dinner with the international guest joined the seminar attended by the Engineering Bureau Deputy Chief and Chief Secretary among representatives of academia, consultants and contractors sectors.

On second day, three of us presenting the ASCE joined CICHE Annual Meeting with other engineering societies including JSCE, KSCE and MSCE. The Tech Tour are subsequently arranged by the Kaohsiung Government. The Kaohsiung Expo Center abutting the waterfront is visited as first stop that aimed to house the yacht exhibition. The second one is Kaohsiung Light Rail System that running on capacitors to charge while train is dropping and picking up passengers, instead of supplied with electricity via continuous overhead lines. The Kaohsiung Maritime Cultural & Pop Music Center under construction was also visited. The coral and wave is the main architectural theme as last stop in the morning. Saw the 85 Sky Tower in Kaohsiung as second tallest building in Taiwan.

In the afternoon, National Kaohsiung Centre for the Arts, plan size 225m by 160m with total area of 141,000sq.m within the Weiwuying Metropolitan Park (previous military base). The building covered the Opera House, Play House, Concert Hall, Recital Hall and Public Area under the curve crown roof built from the Banyan Tree Architectural Theme. Public Area did have much better microclimate from crown roof encouraging the citizen to gather. Outdoor Theatre is suitably arranging at the roof and functioning as amphitheatre to fit into the Banyan Tree Crown sloping roof.

The Baoye Flood Detention Park opened in 2012 were visited as significant Civil Engineering Project completed to serve the community. The Flood Detention Park is open to public under normal circumstances. The eco-system is restored and witnessed during the trip as you can see the birds coming to live with the plant. The Cheng-Ching Lake Fresh Water Treatment Plant completed in 2003 as a first class fresh water treatment plant for Kaohsiung.

The city government not only arrange the technical tour but also sent the senior officials joined the visit together with the international group. They are the Chief Secretary of City Government, Mr Chang Shih-Chieh, the Chief Bureau Engineer and the Branch Head of Public Works Bureau, Ms Yang Su-Feng and Mr Min-Chou Tsai and among others.