

Bio Data of Dr CHIEW Yee Meng (October, 2017)

Dr. Chiew Yee Meng
Professor
School of Civil and Environmental Engineering
Nanyang Technological University
50 Nanyang Avenue, Singapore 639798
Tel: +65 67905256; Fax: +65 67910676;
Email: cymchiew@ntu.edu.sg



Dr. Chiew Yee Meng, who currently is a Professor in the School of Civil and Environmental Engineering at the Nanyang Technological University (NTU), has more than thirty five years of research and consulting experience in the field of sediment transport, scour and erosion, turbulence, hydraulics and coastal/offshore engineering. He particularly is interested in scour at hydraulic structures such as bridge piers, submarine pipelines, monopiles, ship propellers, culverts, bridge abutments, jets, etc. and how such erosion affects the integrity of the surrounding structures and sediment bed. His research interests also include how turbulence affects fluvial and coastal hydraulics and their overall engineering impact and the effect of seepage on the turbulence characteristics in both open channel and closed-conduit flows. Dr Chiew has more than one hundred and sixty archival publications and serves as an Associate Editor of Journal of Hydraulic Engineering, ASCE and International Journal for Sediment Research. He also is a committee member in the Fluvial Hydraulics Section, Technical Division III: Geophysical Hydraulics, International Association for Hydro-Environment Engineering and Research (IAHR). He was the Chairman of the 2nd International Conference on Scour and Erosion, held in Singapore in 2004. Throughout his career, Dr Chiew has acted as a specialist consultant to numerous international and local companies and governmental organizations, offering his expert advice to solve challenging engineering projects.