

Prof. Y. K. Chow

Professor CHOW Yean Khaw joined the National University of Singapore (NUS) as a in 1982 and became a Professor in 1999. Prior to joining NUS, he practised as an offshore geotechnical engineer with Fugro Limited (UK), mainly involved in the design and installation of offshore foundations in the North Sea. He served as the Head of the Division of Geotechnical and Transportation Engineering from 1995 to 1998. He was the Deputy Head (Administration) of the Department of Civil Engineering from 1998 to 2000. From 2000 to 2003, he was Vice-Dean (Graduate Studies) and from 2003 to May 2008 Vice-Dean (Academic Affairs & Graduate Studies) of the Faculty of Engineering. He is the Executive Director of the Centre for Offshore Research & Engineering (CORE) from July 2008.

Professor Chow's main research interests are in offshore foundation engineering, offshore pipelines/risers, computational geomechanics, soil-structure interaction, piles and piled raft foundations, and effects of construction activities such as deep excavations and tunnelling on pile foundations. He has published extensively, with over 200 technical publications including over 80 in international refereed journals. He is on Editorial Board of the following international journals: International Journal of Geomechanics (ASCE), Computers and Geotechnics (Elsevier), and Geomechanics and Geoengineering (Taylor & Francis). He is a member of the Board of Directors of the International Association for Computer Methods and Advances in Geomechanics. He is a Registered Professional Engineer (Civil) and a Specialist Professional Engineer in Geotechnical Engineering in Singapore. He has served as geotechnical consultant to numerous projects in Singapore and the region.