

# **Dr Wong Ing Hieng**

## **EDUCATION**

Imperial College, London University - BSc in Civil Engineering with First Class Honours - 1967

Massachusetts Institute of Technology - MS in Geotechnical Engineering - 1968

Massachusetts Institute of Technology - Doctorate in Geotechnical Engineering – 1971

## **EMPLOYMENT HISTORY WITH ENGINEERING FIRMS**

Mitic Engineers Pte Ltd

- o Director 2013 to date

Mitic Associates

- o Principal Consultant, 1998 to 2013

Montgomery Watson Consultants (Singapore) Pte Ltd

- o Director and Chairman, April 2000 to September 2002

GCE Consultants, Inc. East Brunswick, NJ; 1988-February, 1992

- o President, 1988-1992

Ebasco Services Incorporated, New York, NY; 1978-83 and 1986-88

- o Head-Geotechnical Services Department, 1986-1988
- o Senior Consultant, 1986-1988
- o Consultant, 1978-1983

Dames & Moore, Cranford, NJ ; 1971-72 and 1974-78

- o Technical Consultant, 1977-1978
- o Project Manager, 1974-1976

## **AWARD**

Dr Wong is a Year 2000 winner of the Thomas A Middlebrooks Award from the American Society of Civil Engineers, believed to be the first time this award for geotechnical engineering was given outside of North America.

He was a recipient of the outstanding engineer award from the Geotechnical Engineering Society of Singapore in 2012.

## **REGISTRATIONS**

He is a registered, PE (Civil), PE (Geotechnical), and Accredited Checker (Geotechnical) in Singapore.

### **PROFESSIONAL AFFILIATIONS**

Geotechnical Society of Singapore- Member and Past Vice President  
Tunnelling and Underground Construction Society (Singapore) – Member and Past President  
American Society of Civil Engineers - Member  
Institution of Engineers, Singapore – Member

University Appointment: Professor of Civil Engineering, Nanyang Technological University, Singapore 1992 - 1998

University Appointment: Adjunct Professor of Civil Engineering, Columbia University, New York, New York, 1987-1989

University Appointment: Adjunct Professor of Civil Engineering Polytechnic University, New York, New York, and-1986 - 1987

University Appointment: Associate Professor, Nanyang Technological Institute, Singapore, 1983-1986

University Appointment - Adjunct Associate Professor of Civil Engineering, Columbia University, New York, New York, 1979-1983

University Appointment - Lecturer, University of Singapore, Singapore 1972-1974

Dr Wong is a registered professional engineer with over forty three years of experience in the field of geotechnical and civil engineering. This experience extends over a wide range of civil engineering facilities, including high-rise buildings, water treatment plants, sewer outfalls, transit and water tunnels, deep excavations, dams, expressways, land reclamation, waterfront structures, power plants and refineries. His experiences have included the planning and supervising field exploration, laboratory testing, engineering analysis report preparation, foundation and earth works design and construction supervision.

Dr Wong has worked in Singapore in the field of geotechnical and civil engineering for a total of 27 years. Dr Wong has worked on a large number of landslide and slope stability problems in the United States, Singapore, Malaysia and Indonesia.

He has also served as an expert witness in a number of court and arbitration cases. These included the Nicoll Highway collapse investigation in Singapore, the failure of the slopes of the New Klang Valley Expressway in Malaysia. He has been engaged as an expert witness in many arbitration and court cases involving changed conditions or unforeseen ground conditions, and damages attributed to construction activities.