

Hong Kong



Technical Seminar

Super Typhoon Mangkhut - Aftermath & Implications on Hong Kong's Facade Designs

Thursday 24 January 2018

7:00 p.m. - 8:30 p.m.

CityU SCOPE Admiralty Learning Centre, 8/F United Centre, 95
Queensway, Admiralty, Hong Kong

For further information:
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Abstract:

Typhoon Mangkhut sustained wind speeds of 195 km/h, coming within 100 km of Hong Kong at its closest, making it the most powerful since Typhoon Hope in 1979. It caused serious impact on the external façade of existing structures like houses, offices and commercial buildings etc. Super typhoon may occur more frequently due to climate change.

With the consideration of this, enhanced designs to different types of glazing façade systems shall be considered to ensure the structural integrity under super typhoon to not just only comply with code of practices and practice notes. This technical seminar will highlight some key points on the facade design based on case study of Typhoon Mangkhut.

Ir. Jovi Wong

Associate at Inhabit

About the speaker:

Ir Jovi Wong started his career as a structural engineer working for a local Hong Kong structural engineering consultant. He initially specialised and focused on reinforced concrete structures, steel structures, A&A works and foundation design works. He then diversifies into facade engineering and has since been involved in both the design and structural engineering of curtain wall systems, cladding systems, skylights and canopies, precast façade systems and reinforced concrete structures. He is Associate of Inhabit Asia Limited in providing facade consultancy services. He is a Chartered Engineer and a Member of the HKIE, IStructE and Registered Professional Engineer in Structural Discipline.

He has significant site experience, where one of his key projects was acting as resident façade engineer during the renovation and retrofit of the Mandarin Oriental Hotel in Central, Hong Kong. His role was to oversee the modifications to the existing base structure as well as monitoring the installation of a retrofitted curtain wall system.

Registration & Enquiries:

– This seminar is free of charge. Please register online at:

<https://www.ice.org.uk/events/implications-on-facade-designs-hong-kong>

For enquires, please contact the event administrator, **Crystal Fung** via Crystal.fung@icehk.org.hk