



February Update

MEINHARDT IN FOCUS

Through the past decade, Meinhardt has been steadily growing its client base in regional markets outside of Thailand. **We are very proud that we can lay claim to providing engineering and specialist services in 16 countries outside of Thailand.** These works have been delivered from our 400-person strong Bangkok office. To gain the confidence of clients, our staff have had to be flexible - adapting to sometimes unfamiliar local code requirements & regulations and the demands of clients.

We have successfully delivered a variety of projects including mixed-use, hotel and industrial buildings. This month's featured project constructed in the heart of Phnom Penh is a good example of what we are capable of.

John Anderson

Managing Director - Meinhardt Myanmar, Director - Meinhardt Thailand



PROJECT IN FOCUS

Congratulations to Chip Mong on the recent Grand Opening of the **Hyatt Regency Phnom Penh**. Located in the Royal Precinct of Phnom Penh, the 5-Star hotel comprises 247 keys, including 43 residential-style suites opened its doors to its first guests in January 2021. The newly constructed 14-storey building with GFA of 45,000 sq.m. is centered around a historic 2-storey colonial house which serves as the main entry lobby. **Meinhardt Thailand provided full Civil & Structural, MEP and Façade engineering design** services for this luxury development.

“Designing a modern luxury hotel with a 3-level basement around a 20th century historical building is not without its challenges. But it is worth the effort to preserve the heritage of the site.”

John Anderson

STAFF IN FOCUS

Dr. Boonlert Siribumrungwong, our Associate Director holds a Masters and Doctorate Degree in Geotechnical Engineering from Kyoto University, Japan. Dr. Boonlert joined Meinhardt 15 years ago and has been involved in most of our largest projects locally and internationally. He has wide ranging experience in geotechnical aspects of the design and Geotechnical Analysis of high-rise, residential, commercial, large civil works, and industrial projects. This includes shallow and deep foundation analysis and design, settlement analysis, deep basement retention systems, slope stability analysis and slope stabilization design.

“Geotechnical engineering is always challenging as you don’t actually see what happens deep down below the ground. You are reliant on the quality of soils test data. To provide safe and economic designs, it is essential to understand the behavior of the soil and its response to the structural loads.”



Dr. Boonlert Siribumrungwong
Associate Director

FACT IN FOCUS

The role of the geotechnical engineering in the preservation of architectural heritage and historical buildings is immensely important but often overlooked. For structures which have existed for hundreds of years, detailed investigations must be undertaken during the planning stage. Inspections of the supporting formwork and foundation system are necessary, especially when the surcharge loading changes e.g. where there is unstable ground or the foundation are affected by external influences such as a change in groundwater level, floods, plant growth etc.