

MEINHARDT IN FOCUS

Climate change is increasingly evident across the planet with reports of Fires, floods, tornadoes and famine a daily occurrence in the media. The change to climate has transformed the world around us with more frequent intense weather events occurring. Climate sceptics are struggling to deny the shocking reality of global warming. This is all having a direct bearing on the world's economy and putting pressure on food and water security. Even if we start to reverse the affects, this trend will continue for the coming decades.

Change however is hopefully afoot. Governments can see that their inaction has a high cost. Infrastructure needs to be improved to cope with flooding and potential rising sea levels. Costs are increasing from food through to insurance on property. The world can ill afford to continue to neglect these issues.



*Sasiporn Sirilatthaporn
Director - Meinhardt Thailand*

As Engineers, we have a large role to play in both **promoting and helping mitigate these issues through sustainable building design.** Whether this is encouraging the use of renewables or reducing energy and water consumption – there is a lot that can be done through better design.



PROJECT IN FOCUS

Gulberg Greens Hospital located in Islamabad, Pakistan – comprises of 3 basement levels and 4 towers each with 14 floors and a total GFA of 150,000 sq.m. The staged development of this quaternary care hospital will include up to 600 beds and 88 apartments. The lead architect is HKS Inc. (Singapore/India offices) together with cooperation of **Meinhardt Pakistan, Thailand and Myanmar offices for the project management, local architect, Civil & Structural and MEP engineering services.**

STAFF IN FOCUS

Derek Angus, – Associate Director, received a Bachelor of Mechanical Engineering in Australia, and holds LEED Accredited Professional, Building Design and Construction. He joined Meinhardt early in 2018 and has over 28 years of experience in a variety of building projects including commercial, residential, and healthcare.

“I have been in Thailand for 20 years and experienced many amazing, complex, and innovative projects both in Thai and international markets. Since I joined Meinhardt, I have received a lot of opportunity to work on healthcare projects, leading my team to deliver our expertise with high standard and commitment. For me, design excellence to fulfill client expectations is the most important thing. Thanks to my clients and design teams for hard work and kind cooperation to achieve our goals and I look forward to being a part of Meinhardt's growth”.



*Derek Angus
Associate Director*

FACT IN FOCUS

There is a 50:50 chance of the annual average global temperature temporarily reaching 1.5 °C above the pre-industrial level for at least one of the next five years - and the likelihood is increasing with time, according to a new climate update issued by the World Meteorological Organization (WMO). There is a 93% likelihood of at least one year between 2022-2026 becoming the warmest on record and dislodging 2016 from the top ranking. The chance of the five-year average for 2022-2026 being higher than the last five years (2017-2021) is also 93% 2016 from the top ranking. The chance of the five-year average for 2022-2026 being higher than the last five years (2017-2021) is also 93% which means the Arctic temperature anomaly is predicted to be more than three times as large as the global mean anomaly when averaged over the next five northern hemisphere extended winters and increased chance of drier conditions to many regions of earth.