

OSKAR VON MILLER FORUM

Press Release

Eco-Architecture and Eco-Master Planning: Experiments, Theory and Design Ideas

A lecture by Ken Yeang, T.R. Hamzah & Yeang Sdn. Bhd., Malaysia on 11 May 2017 at 6:30 pm at the Oskar von Miller Forum

With 40 years' experience in eco-architecture, Ken Yeang is regarded as one of the pioneers and visionaries of sustainable architecture. "I am an ecologist first, and architect second," says Yeang about Yeang. He understands eco-design as designing in such a way that the human-built environment or the design system integrates benignly and seamlessly with the natural environment.

In his lecture, Ken Yeang will focus on the experiments, theory, design ideas and principles for designing eco-architecture and eco-master planning. Ecology is adopted here as the fundamental basis for designing for our sustainable and resilient future.

The lecture will discuss the 'ecosystem concept' and how it relates to design, the idea that ecological design is the bio-integration of our built environment with the natural environment's ecological systems and the biosphere's biogeochemical cycles at three levels: physical, systemic, temporal. It will portray the principles and examples of designing nearly zero-energy (carbon neutral) buildings and discuss a theoretical model for ecological design. Last but not least, Ken Yeang will show examples from his recent design and planning work to illustrate the concepts.

Hamzah & Yeang have built more than a dozen bioclimatic ecological high-rise buildings and several thousand ecological terrace houses that start as passive-mode armatures for green design. Ken Yeang's key buildings include Solaris (Singapore 2010), Menara Mesiniaga (Malaysia 1992), Spire Edge Tower (India 2013), Genome Research Building (Hong Kong), Great Ormond Street Children's Hospital Extension (London 2011).

About

Ken Yeang is principal of Hamzah & Yeang with offices in Malaysia, UK and China. He is an architect, planner and ecologist who is best known for his signature green architecture and master planning, differentiated from other green architects by his authentic ecology-based approach, by their distinctive green aesthetic and performance beyond conventional rating systems.

He trained at the AA (Architectural Association, UK) and received his doctorate on ecological design and planning from Cambridge University (UK). He is a recipient of the Malaysian Institute of Architects Gold Medal, the Government of Malaysia Merdeka

Award and the Architectural Society of China Liang Sicheng Award 2016. He has received the Aga Khan Award for Architecture (for the Menara Mesiniaga). The UK's Guardian newspaper named him one of 50 individuals who could save the planet, and he was named by CNN as the leading architect in ecological design.