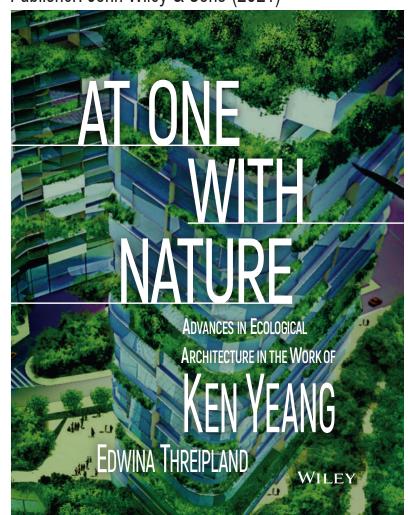
Advances in Ecological Architecture in the work of Ken Yeang By Ken Yeang & Edwina Threipland Publisher: John Wiley & Sons (2021)



About the Author:



Ken Yeang is an architect and ecologist best known for his ecology-based signature architecture, with its distinctive verdant green aesthetic and performance beyond green rating systems. Driven by a pioneering spirit, Yeang's long involvement with sustainable design began in 1971 with his research work on ecological design. Since then he has developed ideas, principles and systems in ecological and bioclimatic architecture and master planning, contributing significant advances in this field evident in his design, research, built work and writings. He trained at the AA (Architectural Association School, UK) and received his doctorate from Cambridge University (UK) on ecological design and planning. His key buildings include Suasana Putrajaya (Malaysia), Solaris (Singapore), Menara Mesiniaga (Malaysia, a recipient of an Aga Khan Award), Genome Research Building (Hong Kong), and Great Ormond Street Children's Hospital Extension (UK). He received the Malaysia Institute of Architects Gold Medal, the Government of Malaysia's Merdeka Award, and the Architectural Society of China Liang Sicheng Award 2016. He has authored over 12 books on ecological design. The UK Guardian newspaper named him as one of 50 individuals who could save the planet.



Edwina Threipland has considerable experience in zerocarbon buildings and high-specification housing schemes, having worked at ZEDFactory, KSR and Giles + Pike Architects. She now works for both individual private clients and as part of larger architectural practices in London, largely focusing on residential architecture. She also enjoys writing on architectural matters and ecological issues for a variety of magazines, and previously created the front cover of The Dictionary of Ecodesign by Ken Yeang and Lilian Woo. At One with Nature showcases Ken Yeang's latest ideas, built projects designs, research work and advances in the field of designing with nature, a topic that Yeang has pioneered and developed over many decades, since his doctorate on ecological design and planning at Cambridge University. His ideas and work are even more pertinent today with the current state of devastation of Earth's natural systems, and a biogeochemical cycle that had been extensively and severely impacted by human society. The global environment today is in a state of crisis, but what can society do to address the issues?

Yeang's recent projects are presented with instructive diagrams that provide a basis for action for architects, planners, designers, engineers, and for all those whose daily work impinges on the natural environment. Offered in a highly visual, annotated format, and serving as instructive illustrations to Yeang's theoretical books on the topic, students, and academics interested in designing with nature will find At One with Nature informative and relevant.

Endorsements:

Cassia Patel, Oceanic Global Foundation:

At One with Nature' is an inspiring collection of the latest work of Ken Yeang that further advances sustainable architecture and design. This collection features recent projects as he explores how we can achieve harmony between the natural and our built environments to create a better planet by design. Each project features and highlights not only the systems and devices adopted, but also outlines the intentions and ecological considerations demonstrating best practices for how we can proceed moving forward. The book role models our living Earth and shows how we can behave as stewards of our planet.

John Hamilton Frazer (Professor) in Amazon.com:

Ken Yeang's latest book, At One With Nature, displays a comprehensive model of architecture and planning fully integrated with nature as one complex, holistic living system. Truly inspirational as well as instructive, this book is essential reading for all architects who aspire to take a responsible approach to our environment.



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