

AN ECOLOGICAL APPROACH TO BUILDING DESIGN

SOLARIS

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Images courtesy of T.R. Hamzah & Yeang Sdn Bhd

"Saving our environment is the most vital issue that humankind must address today; thus designing ecologically is crucial. Within this context it is clear that the building of green and ecological buildings is just one part of the entire environmental equation that we must address. We must ultimately change our cities into green ecocities in entirety as well as change all of our industries and manufacturing, all of our forms of transportation and all of the myriad human activities. In making these green we must integrate them seamlessly with the natural environment.

Addressing the current state of environmental impairment has to be carried out at all levels of our human world—globally, regionally, locally and individually benign strategies. We need new social, economic and political models with non-polluting manufacturing and industrial production processes, using green systems and materials, that are carbon neutral and with zero-waste, as is the case with ecosystems in nature." (Yeang, 2007)¹

¹ Ken Yeang, "Designing the Eco Skyscraper: Premises for Tall Building Design," *Journal of the Structural Design of Tall and Special Buildings* 16 no. 4 (2007): 411-427.

