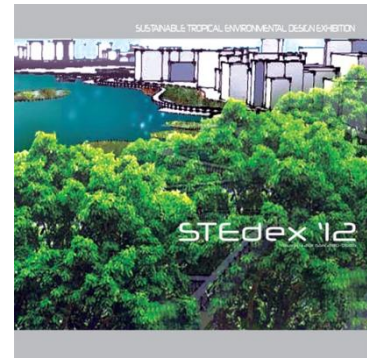


Symbiosis

Sustainable Tropical Environmental Design Exhibition 2012

<http://www.vlmp.upm.edu.my>



STEdex'12 – Osman Mohd Tahir, Abd Aziz Othman, Murad Abd Ghani, Mohd Kher Hussein, Irwan Ibna, ***Symbiosis, Sustainable Tropical Environmental Design Exhibition 2012***, ISSN : 2180-0685, Vol : 4, [50-51], Faculty of Design and Architecture, Universiti Putra Malaysia

This project aims to enhance the quality and vibrancy of the River Klang in Bandar DiRaja Klang. The designer, Irwan, in the course of his design strives to improve the people perception of the River Klang which is synonym with pollution, to a greater result in making a symbiotic perfection. His objective is to amalgamate the heritage preservation, nature conservation, accessibility and cultural diversity in Bandar Klang in the midst of a symbiosis concept. He conceptualizes to develop an interaction process between two or more natural bases in a sustainable natural environmental system approach. This system protects biological resources in the natural environment, and seeks to restore or expand the habitats, forest, and water quality improvement and increase user's awareness. He introduces a functional natural ecosystem which contains a diversity of species in accordance with their natural environmental, cultural and geographical setting. The water quality is being upgraded through water purification process using plant absorption and micro-organism activities. Users are also being educated regarding clean water protection and sustainable mode of movement hence this design highlights the true riverine vibrant environment when enhanced with green area to improve human and wildlife activities. Concurrently, it preserves the natural mangrove area and improves night activities along the double-decker bridge and the river corridor.



Symbiosis_1



Symbiosis_2