

BIOMIMICRY:
FALSE INTERPRETATION IN
THE BUILT ENVIRONMENT?

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Nature's inspired solution or Biomimicry has a long list of contribution towards the advancement of mankind. With the ability to change and adapt, certain form of nature has proven its survival strategies and have successfully managed to avoid and overcome the violent force of evolutionary process. In many decades, the concept and models derived from nature have always become the source of inspiration for human innovation towards new products, strategies and policies that may improve their ways of life. In the field of built environment, biomimicry remains as a one of the fundamental approaches for designers' creative minds to emulate nature's models into their design solutions. For instance, designers even came with an extreme idea of replicating nature's process such as zeroing on human footprint for a new development by maximizing every input and output produced by hu-

man activities. Nevertheless, instead of focusing on how nature's practical solutions and implementation can be fully benefited through design recommendations, designers are often misled by the nature's physical forms (or subject matter). Constantly confined and deceived by the subject-matter's design principles, designers' attention towards solving a particular design issues typically end up with a product that is iconic but merely aesthetic. Shallow understanding regarding the real connotations of biomimicry among designers has contributed towards their predictable "visual solution" rather than a total system solution in which it can be more meaningful. To challenge this notion, a "cocoon" was selected as a subject matter to demonstrate how biomimicry can be used to inspire and influence climate friendly landscape design solutions.