

BIOMIMETIC APPROACHES TO SUSTAINABILITY AND ITS APPLICATION IN INTERIOR DESIGN OF THE TOURIST BUILDINGS

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Abstract

This paper discusses that, in spite of the designers utilize the Great progress in technology and raw materials as well as digital design and interior design approaches and methodologies, schematic, they now should include a biomimetic approach to explore nature's database for sustainable solutions and innovations.

This study will review key points, case studies of applications of biomimicry in interior design Output and manufacturing and an architectural project that lay the foundation of this important movement.

Integrating biomimicry considerations into siting and interior design decisions for hotel and resort developments is important not only for the continued viability and conservation of the ecosystems, but also for the long-term financial success of the hotels and resorts. The tourism industry, including the hospitality sector, depends strongly on healthy ecosystems, because those ecosystems – and the habitats, landscapes, natural attractions that comprise them and Proper planning for the interior design of the hotel in ways that preserve the environment and sustainability in the morphological and ecosystem – are often the very thing that draws tourists to the destination in the first place.

Keywords

Interior design, Biomimicry, Design process, Sustainability, Morphogenesis,

Bio-inspired design, ecology, Design Spiral,