

Biophilic Design for improved Sustainability and Liveability

Speaker: Dr Carolyn Hayles FRSA FHEA

Biophilic Design is a design philosophy that encourages the use of natural systems and processes in the design of the built environment. It is based on the biophilia hypothesis, which proposes that humans have an innate connection with the Natural World (Wilson, 1984) and that exposure to the Natural World is therefore important for human wellbeing.

Biophilic Design can be used to incorporate natural features and systems into the design of buildings and their environs in order to expose building occupants to nature and natural analogues.

This lecture will look at the pillars and patterns of Biophilic Design, its perceived restorative benefits, how it can be used to foster environmental stewardship, and the broader role it can play in delivering sustainable and resilient design solutions.

With the design and wider construction industry's current focus on Green Buildings, interest in Biophilic Design attributes is timely, and can only enhance current Green Building strategies.

(Image: Quai Branly Museum building, Paris, France, Design by Ateliers Jean Nouvel. Photograph courtesy of Carolyn Hayles)

Short Bio:

Dr Carolyn Hayles is the Academic Lead for the Institute of Sustainable Practice, Innovation and Resource Effectiveness (INSPIRE) at the University of Wales, Trinity Saint David (UWTSD). Carolyn's research is in sustainable decision making in design and construction and, in particular, the use of decision support tools that facilitate environmental responsibility including Climate Change adaptation. Carolyn has a particular interest in enabling strategies that result in the adoption of environmentally sustainable and healthy built environments; this includes researching perceptions and awareness of sustainable living.

Carolyn's current research looks at the adoption of Biophilic Design principles to support environmentally sustainable and healthy indoor environments.



Date: Friday, 2 December 2016

Time: 6:00 – 8:00 p.m.

Room: Ground Floor Exhibition Area, Department of Architecture, Ledras 68, 1010, Nicosia