

Flow: Parametric Techniques for a Meditative Retreat

Flow, an innovative geodesic dome project at Universidad del Sinú in Colombia, leverages parametric design to create a meditation space that harmonizes structure, light, and natural ventilation for a serene and uplifting experience.

Vintersol: Redefining the Relationship Between Architecture and Nature

Originally designed for the Hello Wood Argentina festival, this installation reimagines architecture's interaction with its environment, blending computational design with a responsive, fluid aesthetic.

Imagining Sustainable Design: The Longsheng Yoga Pavilion

The Longsheng Yoga Pavilion by Helena Riesenberger, a digital project conceived within the serene landscapes of the Longsheng Rice Terraces in China, exemplifies a forward-thinking approach to sustainable design.

Future Landscape Trust: An Environmental Design Project in Sussex

The Future Trust project shows how technology and community collaboration can create resilient environments. Protecting Pett Level from floods sets an example for other coastal regions and highlights the impact of innovative landscape design on environmental management.

“CAD.GH Computational Aided Design Via Grasshopper”

Through his role as an instructor at Ajman University – UAE, Alosaj illuminates the potential of Grasshopper, intricately interwoven with Rhinoceros. Readers are introduced to an array of essential plugins, from Kangaroo to Ladybug tools, each unlocking new dimensions of design exploration.

Grupo MSH 's Innovative

Façade: Creating a Harmony of Environment and Aesthetics

Grupo MSH uses solar design principles and computational analysis to optimize energy usage and window placement, balancing daylight and solar heat gain. Their architectural solutions blend functionality and visual appeal, integrating natural lighting, radiation, transparency, and illumination in a responsive design.