

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.

Matteo Bulla's Thesis on Digital Shoe Design

A thesis project that shows how digital tools can revolutionize footwear design by combining creativity with technical precision to create innovative and sustainable products.

The Talavera Project, Bridging Heritage and Technology for a Sustainable

Future

The Talavera Project aims to blend traditional handmade craftsmanship with digital fabrication, specifically robotic 3D printing. Inspired by Uriarte Talavera's historic techniques, the team used Rhino for 3D modeling and Grasshopper for slicing and optimizing printing.

“Accelerating Sustainability in Fashion, Clothing and Textiles”

This comprehensive volume tackles the pressing issue of sustainability within the fashion industry, deemed a ‘wicked problem’ due to its multifaceted challenges. Edited by Martin Charter, Bernice Pan, and Sandy Black, the book offers strategic solutions to expedite sustainability efforts.

FibR's Robotic Elegance in Architectural Design Through the Texoversum Project

Using carbon fibers for optimal load-bearing and glass fibers for shading, the Texoversum facade is an impressive example of digital lightweight construction.

Re-Emerge Pavilion: A Sustainable Triumph of Parametric Design

Architectural Association (AA) Emergent Technologies & Design (EmTech) Post-Graduate Programme teamed up with Hassell in London to create a new pavilion called Re-Emerge in Bedford Square.

CyBe: 3D Concrete Printing meets Grasshopper

ShapeDiver talks with CyBe, a Dutch technology company revolutionizing the construction industry with its state-of-the-art 3D concrete printing technology, on how they create affordable housing while reducing the carbon footprint of their projects.