

EcoHouse: Material Efficiency and Digital Control with Rhino and VisualARQ

A compact house in Florianópolis demonstrates how Rhino and VisualARQ can drive material efficiency, reduce waste, and translate a fully controlled digital model into precise on-site construction.

3DCITYGH: A Parametric Workflow for Digital Urban Survey and City Information Modeling

3DCITYGH presents a modular parametric workflow for generating structured City Information Models from survey data and point clouds, enabling efficient urban-scale modeling for risk assessment, heritage documentation, and structural analysis. Developed within Grasshopper, the approach combines AI-assisted segmentation, custom semantic structuring, and BIM/FEM interoperability.

Free VisualARQ 3 Webinar

Join a free webinar on “Getting Started with VisualARQ 3”, where you’ll discover the Flexible BIM features VisualARQ adds to Rhino and how to create parametric architectural designs with ease.

The Katajanokan Laituri Façade: Computational Design Meets Nordic Timber

The Katajanokan Laituri in Helsinki showcases a groundbreaking fusion of timber construction and computational design, with Geometria Architecture crafting a complex, curved façade that ensures both structural integrity and aesthetic continuity while optimizing the fabrication process.