

IV. YouTube Videos:

- A. Data-Driven Design in Architecture & Urban Planning:

- **OPTIMIZATION AS A DESIGN'S TOOL IN ARCHITECTURE**
[OPTIMIZATION AS A DESIGN'S TOOL IN ARCHITECTURE](#)

Rhino User Webinar: Harnessing the power of generative design to shape better cities

[Rhino User Webinar: Harnessing the power of generative design to shape better cities](#)

Rhino User Webinar: The future generation of NET ZERO buildings from Zaha Hadid Architects

[Rhino User Webinar: The future generation of NET ZERO buildings from Zaha Hadid Architects](#)

Data-Driven Urban Design

[Data-Driven Urban Design](#)

Data Driven Design

[Data Driven Design - YouTube](#)

Stanford Seminar - Mobile, Social, and Fashion: Three Stories from Data-Driven Design

[Stanford Seminar - Mobile, Social, and Fashion: Three Stories from Data-Driven Design](#)

Data Driven Design

[Data Driven Design](#)

Open UP Summit 2019 Sujin Lee - The Seven Myths of Data-Driven Design

[Open UP Summit 2019 Sujin Lee - The Seven Myths of Data-Driven Design](#)

Informed Data Driven Computational Design - Rick Titulaer - ARUP - CDFAM 24 Berlin

[Informed Data Driven Computational Design - Rick Titulaer - ARUP - CDFAM 24 Berlin](#)

Computational Design Across Scales and Disciplines: Mina Konaković Luković

[Computational Design Across Scales and Disciplines: Mina Konaković Luković](#)

Rhino User Webinar: Cloud-based Architectural Workflows with Rhino.Compute (English)

[Rhino User Webinar: Cloud-based Architectural Workflows with Rhino.Compute \(English\)](#)

- **food4Rhino webinar: Monoceros - A Discrete Assembly Toolkit for Architects and Designers (English)**
[food4Rhino webinar: Monoceros - A Discrete Assembly Toolkit for Architects and Designers \(English\)](#)

food4Rhino webinar: Wasp - Combinatorial Design Toolkit
[food4Rhino webinar: Wasp - Combinatorial Design Toolkit](#)

Autodesk Forma channel
[Autodesk Forma - YouTube](#)

Adaptive Vroni Landscape Design in Grasshopper
[Adaptive Vroni Landscape Design in Grasshopper - YouTube](#)

Rhino User Webinar: Utilising Multimodal LLMs in Grasshopper's Parametric Design Workflows
[Rhino User Webinar: Utilising Multimodal LLMs in Grasshopper's Parametric Design Workflows](#)

How This Desert City Stays Cool With An Ancient Air Conditioning System
[How This Desert City Stays Cool With An Ancient Air Conditioning System](#)

Greenlight for Midtown Project
[Greenlight for Midtown](#)

- **World's Greenest Office Building Is Dutch: The Edge**
[World's Greenest Office Building Is Dutch: The Edge](#)

- **Bloomberg's European Headquarters**
[Bloomberg's European Headquarters](#)

- **Songdo International Business District**
[Songdo International Business District in South Korea | A smart city](#)

- **B. Biomimicry & Nature-Inspired Design:**

- **How a Slime Mold designed the Tokyo Railway System**
[How a Slime Mold designed the Tokyo Railway System - YouTube](#)

- **The Insane Biology of: Slime Mold**
[The Insane Biology of: Slime Mold](#)

- **Heather Barnett: What humans can learn from semi-intelligent slime**
[Heather Barnett: What humans can learn from semi-intelligent slime](#)

Slime Mold Grows Network Just Like Tokyo Rail System

[Slime Mold Grows Network Just Like Tokyo Rail System](#)

- **What We Can Learn From Nature | Janine Beynus**
[What We Can Learn From Nature | Janine Beynus - YouTube](#)
- **Biomimicry is more than just good design.**
[Biomimicry is more than just good design. - YouTube](#)
- **Mimicking This Tiny Glass Sponge For Stronger, Lightweight Modular Building Materials**
[Mimicking This Tiny Glass Sponge For Stronger, Lightweight Modular Building Materials - YouTube](#)
- **Nature-inspired architecture | Austris Mailitis | TEDxRiga**
[Nature-inspired architecture | Austris Mailitis | TEDxRiga](#)
- **Biomimicry: Design Inspired by Nature**
[Biomimicry: Design Inspired by Nature](#)
- **Evolutionary algorithms: and their creative applications on urban design and architecture**
[Evolutionary algorithms: and their creative applications on urban design and architecture](#)
- **Experiments with LIVING SLIME have jaw dropping results! - BBC**
[Experiments with LIVING SLIME have jaw dropping results! - BBC - YouTube](#)
- **See How Termites Inspired a Building That Can Cool Itself | Decoder**
[See How Termites Inspired a Building That Can Cool Itself | Decoder](#)
- **C. Data Visualization & Representation:**
 - **The beauty of data visualization - David McCandless**
[The beauty of data visualization - David McCandless](#)
 - **The Value of Data Visualization | The Power of Visual Storytelling**
[The Value of Data Visualization | The Power of Visual Storytelling](#)
 - **2022 Wrapped - Data Visualisation**
[2022 Wrapped - Data Visualisation](#)

- **Creating Beautiful and Meaningful Visualizations with Big Data**
[Creating Beautiful and Meaningful Visualizations with Big Data](#)
- **Coding Adventure: Sound (and the Fourier Transform)**
[Coding Adventure: Sound \(and the Fourier Transform\) - YouTube](#)
- **D. Other:**
 - **OnSiteXR with spatial computing on HoloLens 2 - construction sites visualized in Mixed Reality**
[OnSiteXR with spatial computing on HoloLens 2 - construction sites visualized in Mixed Reality](#)
 - **Make Art With The Wave Of A Hand Thanks To This Installation | Future Blink**
[Make Art With The Wave Of A Hand Thanks To This Installation | Future Blink - YouTube](#)
 - **Circle of Life / Breathtaking Immersive Experience of Nature and Light**
[Circle of Life / Breathtaking Immersive Experience of Nature and Light](#)
 - **ENTROPY / A Mind-Blowingly Beautiful IMMERSIVE EXPERIENCE by Limelight**
[ENTROPY / A Mind-Blowingly Beautiful IMMERSIVE EXPERIENCE by Limelight](#)
 - **Light art installation by Claudia Bueno**
[Light art installation by Claudia Bueno](#)
 - **Max Cooper - Order From Chaos (official video by Maxime Causeret)**
[Max Cooper - Order From Chaos \(official video by Maxime Causeret\) - YouTube](#)
 - **"Photogrammetry and Capturing Reality"**
[Capturing Reality - YouTube](#)
 - **"GIS Cesium"** [Cesium - YouTube](#)
 - **"GIS ESRI"** [Esri - YouTube](#)
 - **What is the Meta logo?** [What is the Meta logo?](#)
 - **The Eden Project UK | The Largest Greenhouse In the World**
[The Eden Project UK | The Largest Greenhouse In the World](#)
 - **Project Story • The Gherkin** [Project Story • The Gherkin](#)

