

## RESTORE FINAL ONLINE CONFERENCE 3<sup>RD</sup> DECEMBER 2020

**Note:**

1) The title should be as brief as possible; 2) Your abstract must not be longer than 300 words, and it should state briefly and clearly the purpose, methods, results and conclusions of the work; 3) Please provide a short CV + Photo for upload on [www.eurestore.eu/restore-final-conference/](http://www.eurestore.eu/restore-final-conference/).

**Title:**

**REGENERATIVE DESIGN COMBINING PROTOTYPES, ANALOG AND DIGITAL WORKFLOWS**

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**Abstract: (max. 300 words)**

The presentation focuses on regenerative principles and their translation into design via onsite prototypes, sensing, and computational processes that model the interaction of cities and buildings with ecosystems, climate, materials flow and people health. It is argued that architectural design should not be merely concerned with developing artefacts that produce limited environmental impacts on the ecosystem, or people's health, within a certain threshold of emission. Cities, buildings and technology must be designed to enhance the quality of the relationships between global natural systems, the built environment, and the inhabitants. The regenerative design approach is defined via a series of key scientific references and design approaches applied to a set of international projects.

**Keywords: (max.5, please use semicolons)**

Climate change; regenerative design; microclimate; digital design

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