



# Renata Morbiducci

Full professor

✉ [renata.morbiducci@unige.it](mailto:renata.morbiducci@unige.it)

## *Education and training*

### **PhD in Structural Engineering**

Politecnico di Milano - Milan - IT

### **Degree in Architecture**

110/110 e lode

Università di Genova - GENOVA - IT

## *Academic experience*

**2019 - ONGOING**

### **Full Professor**

Università di Genova - Genova - IT

**2014 - 2019**

### **Associate Professor**

Università di Genova - GENOVA - IT

**2004 - 2014**

### **Assistant Professor**

Università di Genova - GENOVA - IT

**2000 - 2002**

### **Post-doctoral fellow**

Università di Genova - GENOVA - IT

## *Language skills*

### **English**

Independent

## *Teaching activity*

Starting from the main topics of Architectural Engineering, my teaching activity deals with the following specific topics:

- building technology
- sustainable design for new and existing buildings
- innovation and digitalization of sustainable projects.

## ***Research interests***

### **Current**

Analysis of new and existing constructions for the technological, functional and energy aspects

Climate change in construction sector

Sustainable design, requalification/refurbishment and optimization

Climate change impacts on constructions

Innovative materials for constructions

Digitalization of the building process

Life Cycle Assessment (LCA)

### **Past**

Materials and structures mechanics

Conservation historic construction heritage

Inverse problems and parametric identification