



# PhD in ARCHITECTURAL URBAN INTERIOR DESIGN - 38th cycle

**THEMATIC Research Field: THEORIES AND PROJECTS FOR A SOCIAL AND ECONOMICAL REGENERATION OF RURAL ARCHITECTURE AND LANDSCAPE IN MOUNTAIN AREAS**

**Monthly net income of PhDscholarship (max 36 months)**

**€ 1195.5**

In case of a change of the welfare rates during the three-year period, the amount could be modified.

## Context of the research activity

### Motivation and objectives of the research in this field

The Research, which is summarized as "the sustainable regeneration project of built heritage and rural landscape in mountain areas for a green perspective strategy of reuse and reactivation of communities," aims to study theories, methodologies, and architectural design techniques for the sustainable regeneration of the historical and contemporary rural heritage of mountain areas, corresponding to about 60% of Italy. These are assets whose qualitative and quantitative consistency is not fully known. The Research is aligned with the Sustainable Development theme and addresses it with the actions initiated by the PNRR.

### Methods and techniques that will be developed and used to carry out the research

The proposal's objective is to identify qualitative and quantitative mapping methods and tools for elaborating new design proposals; the chosen methodology is Research by design. The scientific literature appears insufficient and incomplete on these areas and questions, especially considering the need for sustainable intervention models for regeneration actions in line with funding policies and objectives set by the PNRR, which have an essential focus on mountain areas. It is considered essential to fill these gaps.

Schedule of the research activity:

- reconnaissance of ongoing actions and existing



	<ul style="list-style-type: none"> <li>- reconnaissance of ongoing actions and existing literature on Research by Design, to be carried out in line with a case study identified in agreement with the host company;</li> <li>- elaboration of a methodological project as a scientific product that can be applied to the Italian mountain territories.</li> </ul> <p>The Candidate will intern for twelve months at the Azienda per lo Sviluppo del Territorio, Via Roma, 1 67054 CIVITELLA ROVETO (AQ), to study the activities, observe and participate, identify critical issues, and support the Company operationally.</p> <p>The Candidate will intern for three months at TU Delft, Architectural Design Crossovers group, Section Theory and Territories of the Department of Architecture _ at the Delft University of Technology.</p> <p>For the specific nature of the research, excellent knowledge of the Italian language is recommended.</p>
<b>Educational objectives</b>	<p>The synergy with the courses provided by the AUID Doctorate, the Polimi Doctoral School, and the stages at the Company and the Foreign University will give the Ph.D. Candidate valuable professional skills allowing them to become aware of:</p> <ul style="list-style-type: none"> <li>- operational and procedural processes for the development of complex projects concerning the role of architectural and landscape design;</li> <li>- being part of the multiple actors involved in project management actions;</li> <li>- application of regulatory provisions and interaction with stakeholders;</li> <li>- innovative and sustainable technologies concerning mountain architecture and landscape.</li> </ul>
<b>Job opportunities</b>	<p>The Candidate will acquire specific skills, a profile highly specialized for architectural and environmental design, and the management of sustainable transformation</p>



	<p>processes in mountain areas. The acquired skills will allow the Candidate to apply for a wide range of jobs in various branches and companies:</p> <ul style="list-style-type: none"> <li>- public administration companies/private enterprises, territorial studies, and economic planning companies as planning support for integrated strategic planning for participation in national and European funding calls for tenders;</li> <li>- private companies such as companies operating in the sector of building recovery with sustainable techniques or planning solutions for local and extra-local development, healing, and conservation of cultural, historical, architectural, and landscape heritage;</li> <li>- Italian and international academic institutions, public bodies, research centers, development agencies, consultancy, and planning about architectural and territorial transformations, with particular attention to mountain contexts, acquiring an adaptive sensibility of the project assisted by a vital innovation.</li> </ul>
<b>Composition of the research group</b>	0 Full Professors 1 Associated Professors 1 Assistant Professors 1 PhD Students
<b>Name of the research directors</b>	Emilia Corradi

<b>Contacts</b>	
<p><b>Prof. ssa Emilia Corradi</b>            emilia.corradi@polimi.it</p> <p><b>Departmental Ph.D. Office</b></p> <p>Marina Bonaventura            marina.bonaventura@polimi.it            phone +39/02/2399.5165</p> <p>Marilena Mastalli            marilena.mastalli@polimi.it            phone +39/02/2399. 9395            Further information is available at: <a href="http://www.auid.polimi.it">http://www.auid.polimi.it</a>.</p>	



Additional support - Financial aid per PhD student per year (gross amount)	
Housing - Foreign Students	--
Housing - Out-of-town residents (more than 80Km out of Milano)	--

Scholarship Increase for a period abroad	
Amount monthly	597.76 €
By number of months	6

**Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information**

### Universities and Agencies s that cooperate in the Research

- TU Delft\_Architectural Design Crossovers group, Section Theory and Territories of the Department of Architecture \_ Delft University of Technology\_TU Delft\_ The Netherlands
- Azienda per lo Sviluppo del Territorio srl. Via Roma, 1 67054 CIVITELLA ROVETO (AQ)

**Educational activities** (purchase of study books and material, funding for participation in courses, summer schools, workshops, and conferences)

Available budget per Ph.D. student per three years: 4872,90; euro 1624,30 per each year.

### Workspace

In the AUID hall, on the 4th floor of Bldg 12 in Leonardo Campus, are available workstations for shared use.

Ph.D. Candidates can use their laptops with a wireless connection.

Workstations and other equipment are available in the various departmental laboratories (DASU) linked with the doctoral program.