

Research subjects proposed – Cycle 33

Curriculum: D - Architecture and Planning, Landscape - no. 2 positions

Title: T.U.T. - Trento Urban Transformations

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Synthetic description of the project and research outcome:

The research program studies the territory of Trento in order to develop cognitive paths, formalize and disseminate original and innovative theoretical hypotheses of development and governance programs of change in urban physical structure. Particularly in relation to the new paradigms of change in the contemporary western city: ecology, sustainability, landscape quality enhancement, zero soil consumption.

In addition, the case study will be a useful opportunity for phd students of the University of Trento for the institutional purpose of promoting and carrying out applied scientific research activities in the fields of urban design, landscape and architecture (ICAR 14-15)

The scientific research activities will study the following items:

- Valorization of the resources of the landscaping and urban heritage, of the cultural, architectural, environmental and archaeological heritage that the municipal territory expresses;
- prefiguration of actions and interventions of urban, landscape, architectural and strategic importance for the economic and social development of the city;
- comparative assessment of future urban scenarios for the city of Trento;
- anticipating/mitigating the risks that may arise from the future urban transformations of the city;
- activation of communication processes, participation and social sharing of the goals, projects and choices of the Plan.

The research group will develop in particular:

experimental-oriented research activities such as:

- the identification of innovative and original strategies and devices for mitigating the potential landscape-environmental and social risks arising from the transformation of urban physical structures, with particular reference to techniques and methods of intervention in the existing city;
- Prefiguring, comparing, and evaluating scenarios and/or design or process scenarios to allow for better choices of Plan choices to the editorial staff;
- organizing and conducting scientific communication events and public ateliers for participation, discussion and sharing of the objectives and the relative urban transformation choices potentially triggered by the process of drafting the new Regulatory Plan;
- the production of addresses and examples for the simplification of the regulatory framework plan.
- the identification and exploration of national and international case studies as a reference for scientific apparatus in order to bring practices and processes of success in contemporary shared planning.

The research will last three years and will be organized in relation to the following non-consequent operational phases.

The first phase of the work will consist in verifying the state of the art of current planning and the state of pre-planned analysis of planning, the assumption of existing historical, urban and socio-economic analysis materials and their integration, especially in relation to the definition of the framework Consistency of ongoing actions and approved and ongoing approval programs and projects at local and European level.

The second phase involves the translation of policy-strategic objectives into pre-configurations of possible alternative and non-opposing scenarios that may address some of the key themes of urban change whose discussion and sharing may be the subject of communicative events and public participation ateliers .

The third phase of work concerns the verification of possible proposals concerning pre-defined scenarios, even expressed for merely collaborative purposes by citizenship, to develop innovative development themes and innovations that could be able to address urban planning strategies.