

POLYTECHNIC OF TORINO
FACULTY OF ARCHITECTURE
Degree in Architecture
Honors theses

Built landscapes. Rivarolo: rooms in the river Orco

by Pier Paolo Scoglio and Andrea Zavattaro

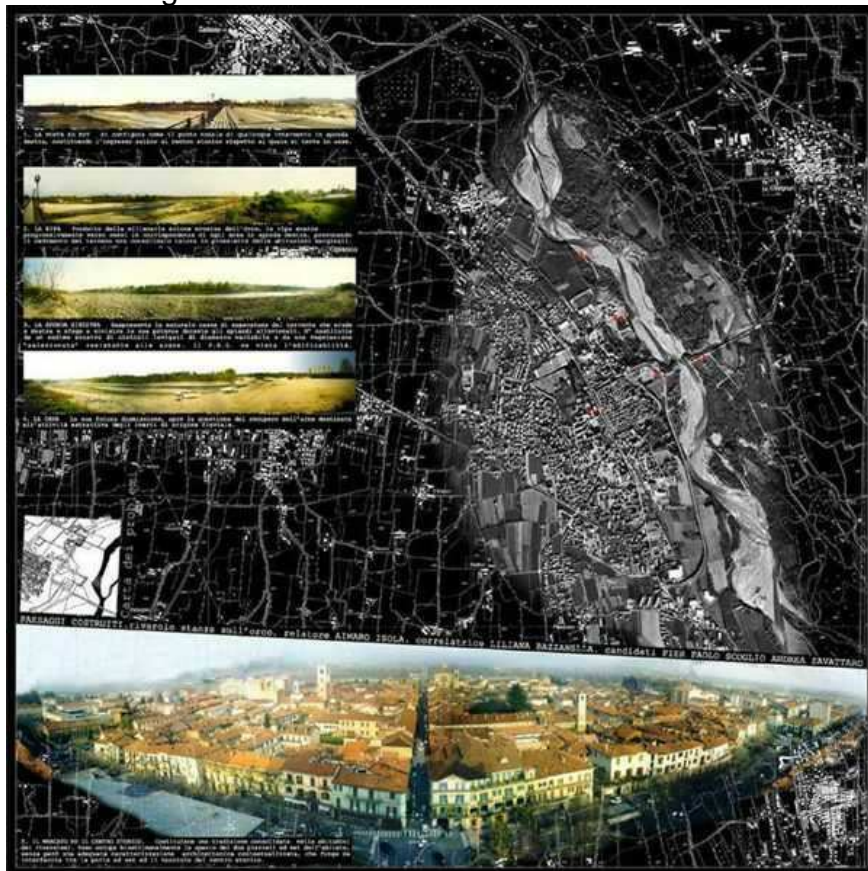
Tutor: Aimaro Oreglia d'Isola

Co-tutor: Liliana Bazzanella

The project of thesis moves from the investigation deepened of the problem list contextual situation, in the territory of Rivarolo Canavese, sprung by the catastrophic alluvial episodes of the river Orco in 1993 and in 1994.

The state of done it is therefore strongly conditioned by the ordinary and extraordinary action of the course of water, that work from millennia the progressive erosion of the right bank and the outlet in the boxes of expansion dispositions in left bank.

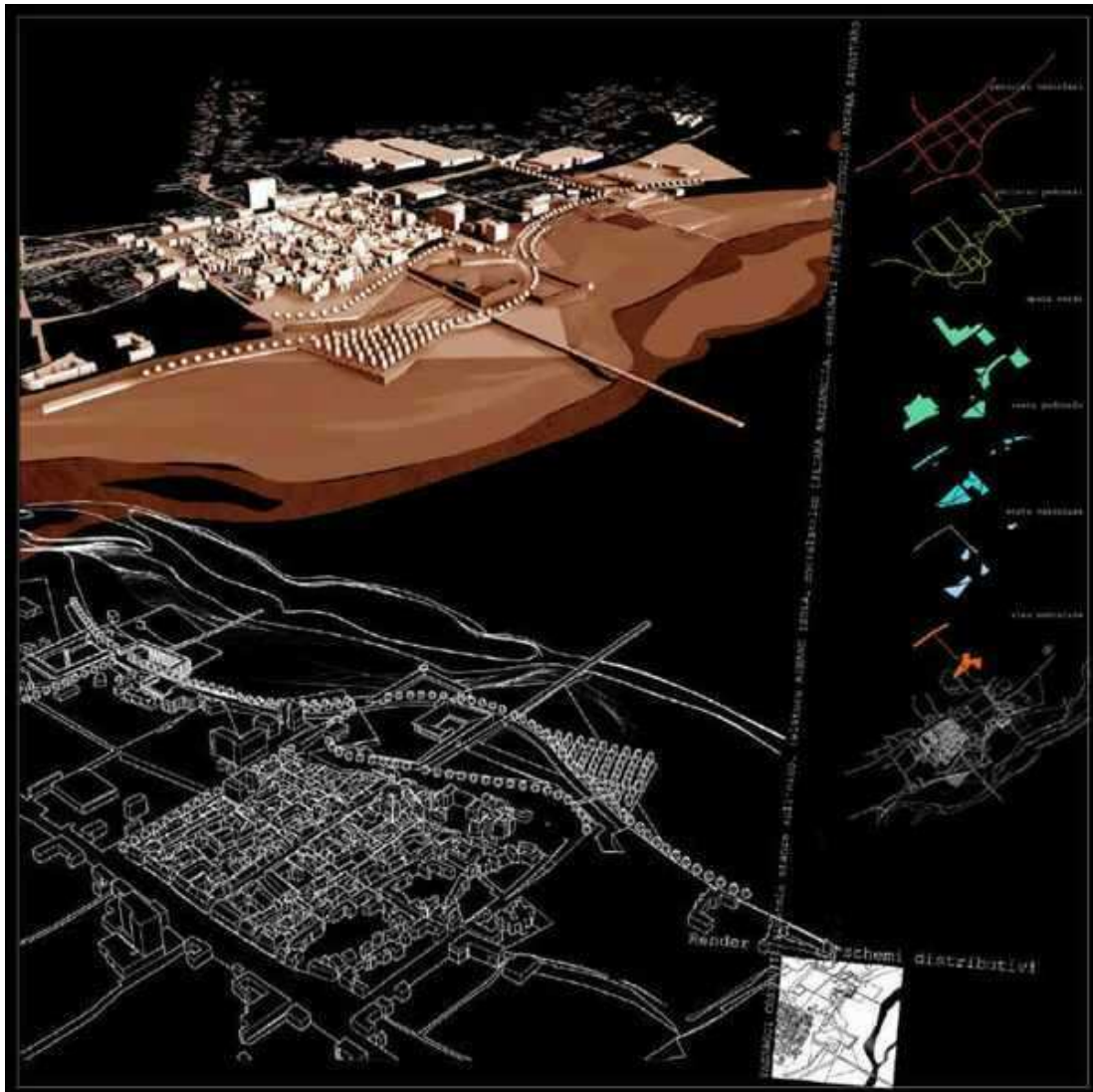
The project of thesis wants to represent a proposal of landscape and town planning of the right bank, supported by the investigations proper of the naturalistic engineering regarding the banks and the putting in safety of the places, with the objective to get inserted in the historical trace of the ancient Suburb and give philologically dignity and importance to the so-called one "East Gate", or the access in the city from the bridge.



The key of reading of the intervention is constituted by the sinuous run that, now attaching each other to the ancient railway gallery abandoned and destined to center of an run for exposure (Museum of the flood), it coasts along with the pedestrian corridor the center of the vehicular traffic, the visitor conducting to the crossing of the " rooms ", real episodes of landscape and architectures, thematically characterized.

Such " rooms " are shaped as terraces from the varied geometries, but not casual, projected on the natural levels, created in the time for the action of the river, or on the existing artificial bluffs, you build as interventions of extraordinary defence of the bank.

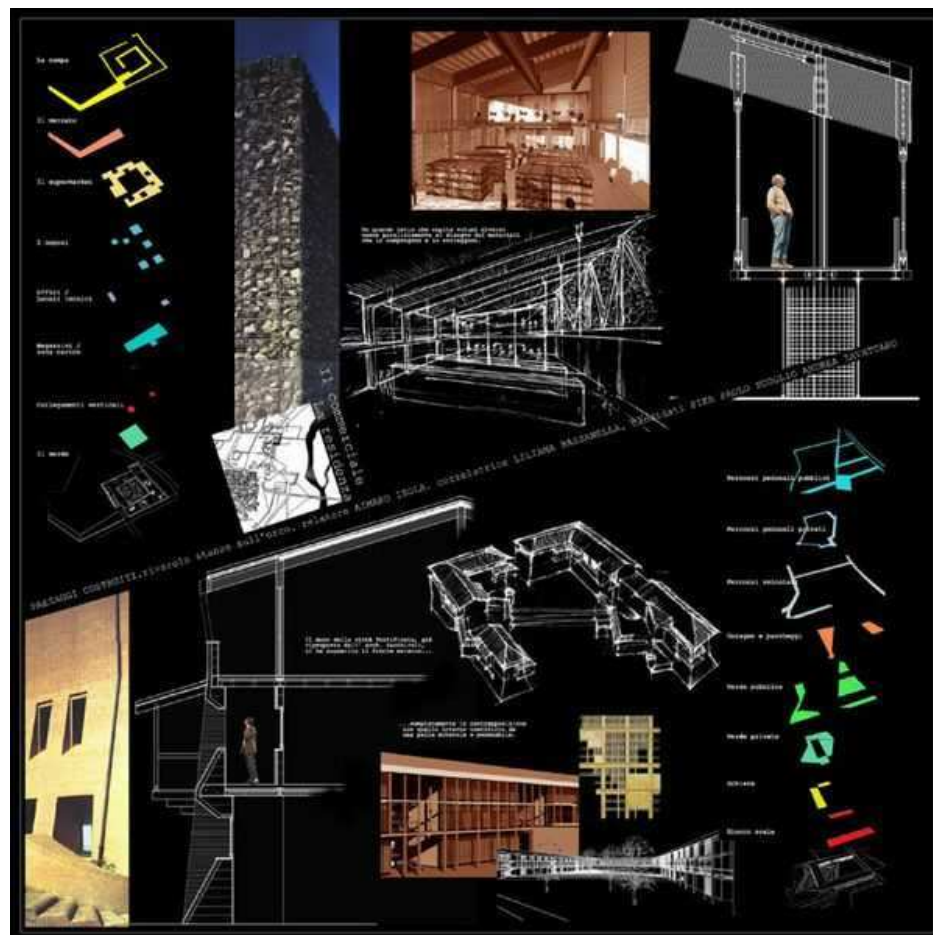
The general sketch of this game of terraces on the river, wants to take back in prospectuses and sections, the theme of the ancient fortifications made by bastions, whose external " skin " is here however represented by cages of alluvial stones to dry, the same used for the consolidation of the earthy shore created by the river in right bank.



The first rooms that the visitor he/she meets they are of strategic location and principal for the whole project, finding each other in the place of the considered important entry to the city, center of the actual biweekly market, ancient distribution of the boundaries towns and outpost of the historical suburb toward the Stream. The zone of the East Gate preserve therefore a commercial vocation as center of the activities traditionally consolidated and location of a shopway that is laced to the porticos of the historical center and that it flows in the building to spiral quadrilateral, destined to commercial center.

An ulterior digression from the principal run is constituted to north from an ample terrace stretched out toward the Orco, to whose vertex has put to manner of "garitta" a panoramic restaurant, terrace that serves as ideal counterweight, in comparison to the road axle of the bridge, to the terraces to south destined to parking lot.

Crossing the considered road arc, always toward north, they are intersected as new episodes of the project: a room treated to green, with the retraining of the spaces interstiziali of builds him existing and the creation of a last appendix of the river park that he/she embraces the East Gate to the inferior level; an overlooking band the river destined to urban gardens to terraces; two following antechambers, awry and to valley of the run, center of connected recreational activity to the river, and the big residential room, left again finally functionally in different small areas, busy awry of the road from the building to open court toward the river.



The last strong sign of the project is constituted by the axle of the pedestrian and cycle run that cuts the soft curve of the Provincial one transversally constituting the most important digression of it. Awry, it is attested in the area of the ex Cotonificio Valle Susa, new fair pole according to the intentions of project; to valley, it comes down the bank progressively up to become wharf on the Orco or underhand of the primitive idea of the project, that wants the conquest from the visitor of a new "friend" river.

For further information:

Pier Paolo Scoglio, e-mail: paoloscoglio@libero.it

Andrea Zavattaro, e-mail: a.zavattaro@awn.it

Website: <http://www.zavattaro.it/>