

One century of urban transformations in Asti: historical-critical analysis and survey of its public spaces network (1815-1915)

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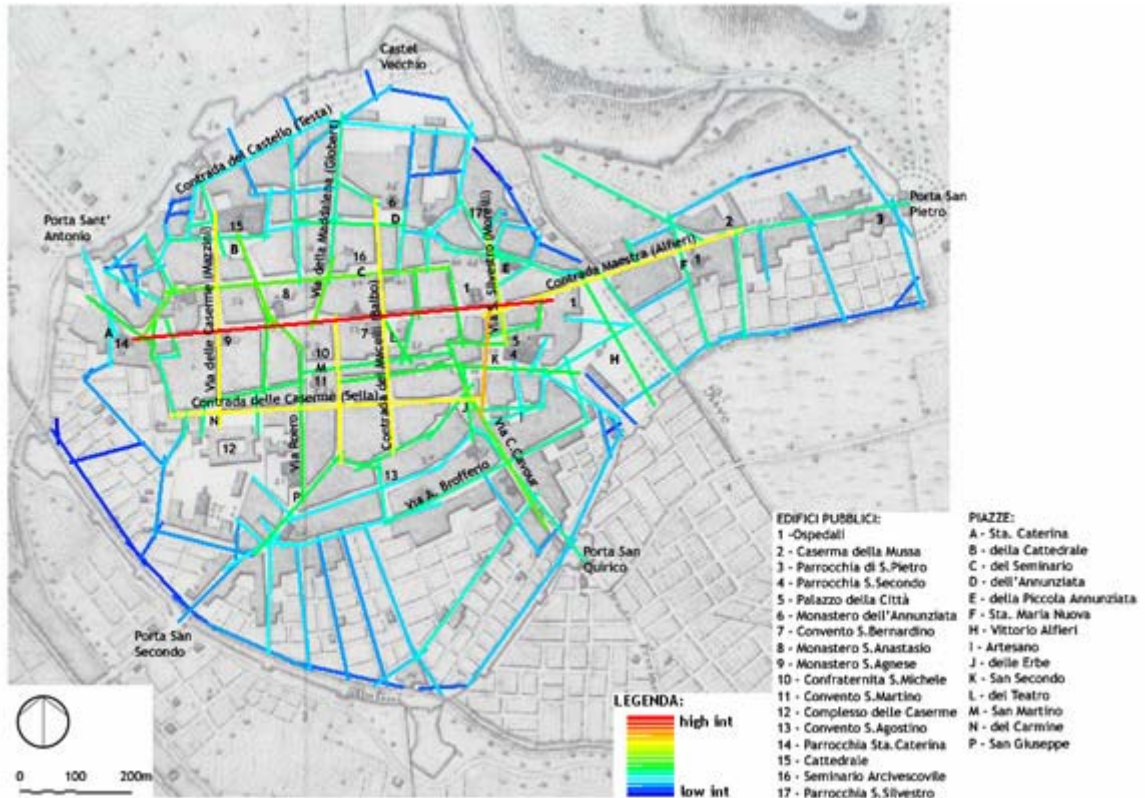
The present study approaches the evolution of the urban grid of the city of Asti, correlating the morphological aspects in each period. The aim of this report is to analyze historical processes relative to the transformations of the urban network, starting in 1815 and, throughout the century. Starting from the identification of relevant properties of road layout, using documents and historiographic and iconographic sources of Asti in strategic moments of its timeline, its spatial configuration is analyzed with *space syntax* methodology.



Map of Asti in 1839, Francesco Bologna

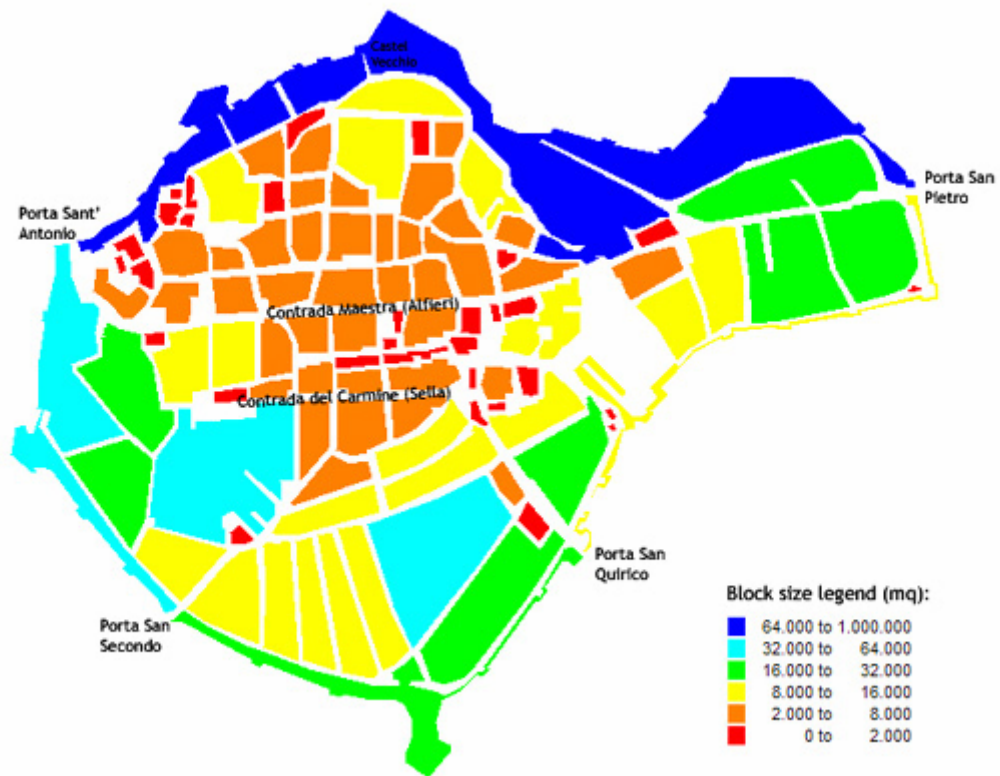
This analysis is carried out with the goal of a greater comprehension of the urban core shifts and its relation with the old centre, and also with the goal of establishing a link between these two properties and the permeability of the whole.

This research observes how public spaces change morphologically and verifies how the opening of a new one, or just an alignment, reflects on the structure as an entire system. Important issues studied are: squares, streets, city blocks and city wall. Through a confrontation between *space syntax* analysis and historical survey, it's demonstrated how the configuration of public spaces has changed and how this occurrence has affected land-use patterns.



Global integration map of Asti in 1839

The majority of the city's most integrated spaces remains the same throughout the years and tends to attract institutional, and commercial buildings, as well as luxury housing. Findings also indicate that with the expansion of the city towards the outer wall and with the construction of new links to the metropolitan neighborhoods, the urban grid has become a more legible and accessible one. This report intends to contribute to the knowledge of the historic-morphological nature of Asti from the 19th to the beginning of the 20th century, helping the maintenance of the conservation of its heritage.



Map of the block sizes at Asti on 1839

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