

POLYTECHNIC OF TORINO  
FACULTY OF ARCHITECTURE 2  
Degree in Architecture  
*Honors theses*

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**Building dossiers in Turin and creation of a Geographic Information System to observe urban development.**

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Information about Real Estate Market was nebulous and obscure in the past, but today everybody knows the importance of considering and analyze it.

Even Public Administration is conscious of this: to acquire, to manage and to propagate information is essentially in modern society, also because request of building is today more variable than in the paste.

Observation of Real Estate Market is essential to obtain information supported by quality, clearness, transparence.

Many Subject could be interested on this: public directors (careful of land planning and management, market balanced), managers, common citizens.

Knowledge of things is essential to remove distortions and anomalies about Real Estate Market, and to realize a city development supported by quality and sustainability.

My thesis wants to improve knowledge about Real Estate Market in Turin (a city in the north of Italy) using a Geographic Information System.

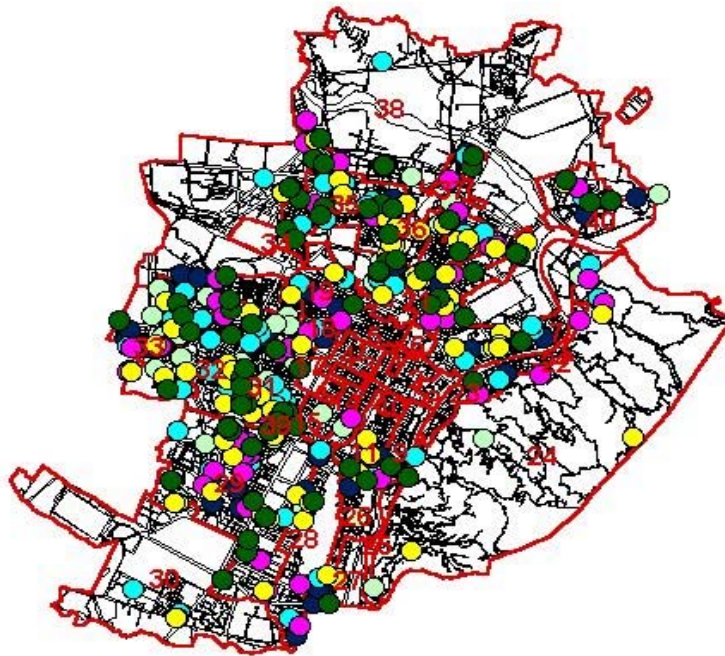
Starting point is a communal database about any operations in the city between 1995 and 2000; particularly, object of analysis are all building operations pertinent to edification of new area.

This thesis is articulate in two parts: first part is a theoretical dissertation; second part is based on description of Geographic Information System realized using a software GIS ArcView improved by Esri.

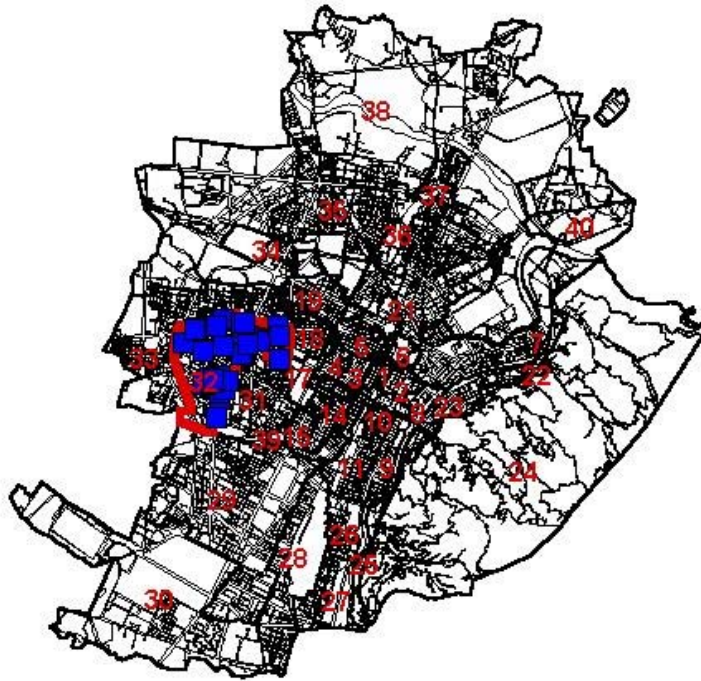
So, is possible to observe, also using thematic maps, dynamism of Real Estate Market regard residential, industrial, commercial new edifications in different part of the city from 1995 to 2000.



Plan of Turin and articulation in sectors



Residential buildings from 1995 to 2000



Residential buildings in a specific part of the city

It could be interesting using this GIS in the municipality, making attachments between different public archives. The result of this operation could be a big quantity of information useful both public sector and private sector.

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