



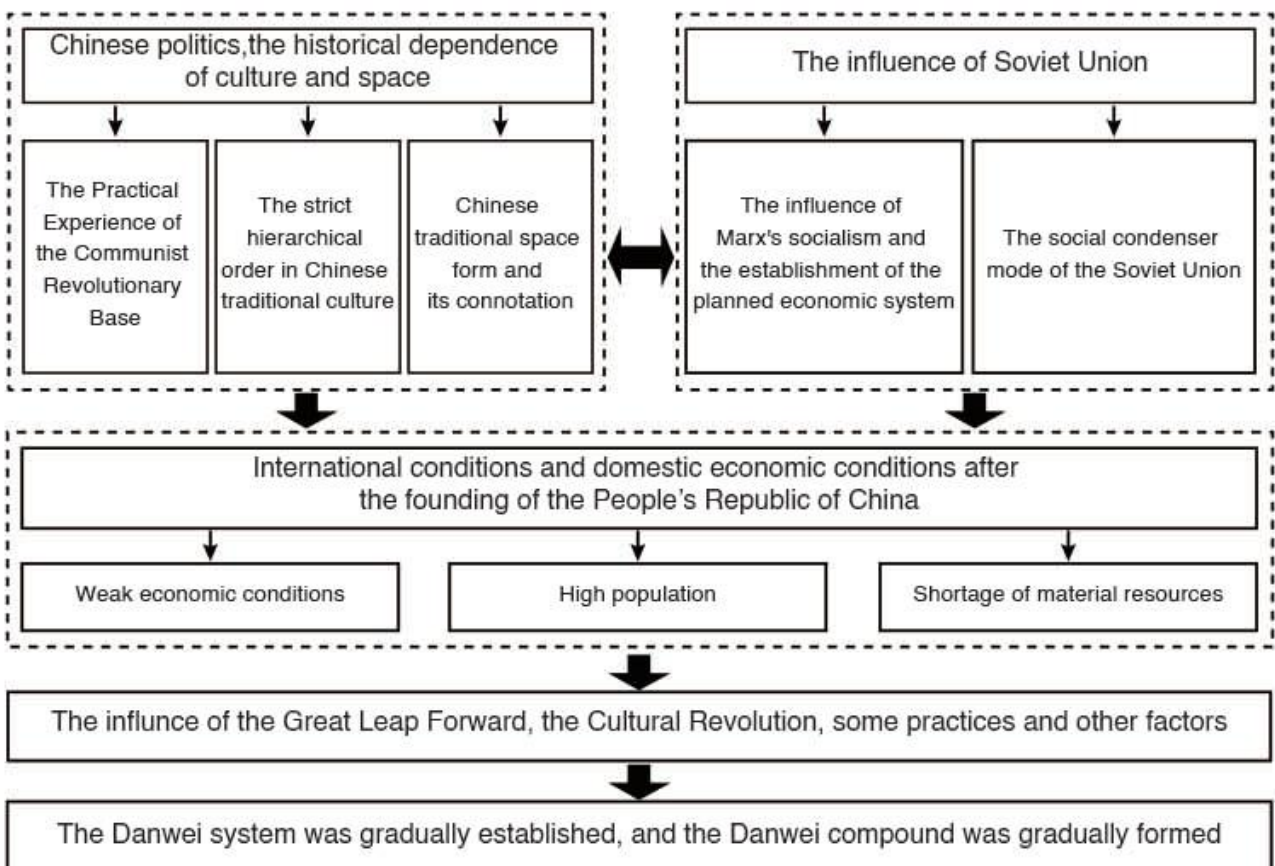
Politecnico  
di Torino

## Honors Thesis

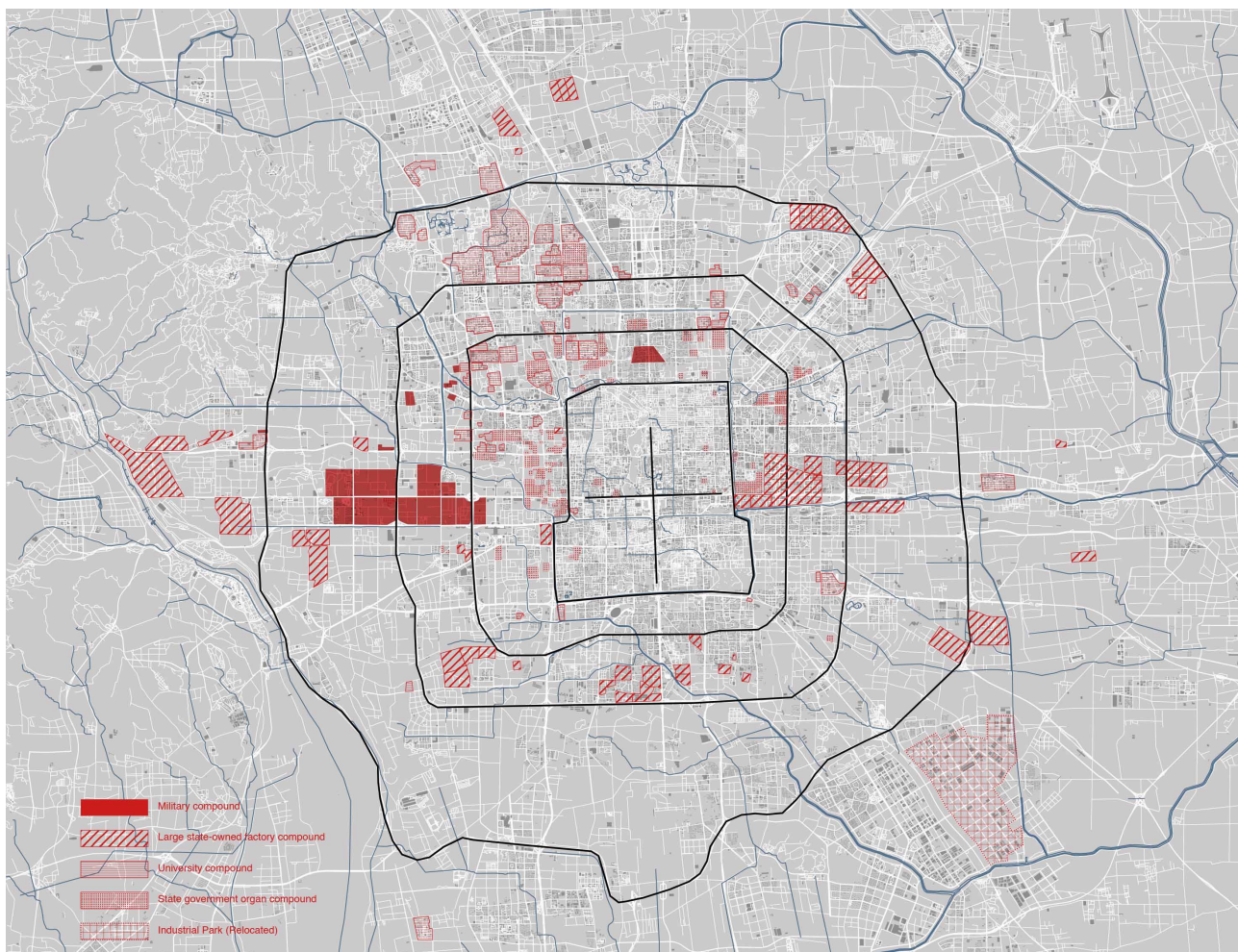
Master of Science in Sustainable Architecture

### Abstract

In the thirty years after the founding of the People Republic China, until the reform and opening up, the Danwei compound was the main element of the urban space in China, and the main method of urban spatial layout expansion.



As the capital, Beijing is the origin and concentrated expression of the Danwei system. If the old Beijing city is composed of Siheyuan, then the new Beijing city is constituted by the Danwei compound. With the transformation of the economic system, the Danwei compound gradually declined and disintegrated. Firstly, the thesis introduces the relevant concepts and characteristics of the Danwei compound, and then introduces the basic situation of the Danwei compound in Beijing, including investigating and drawing the evolution of the overall spatial distribution of the Beijing Danwei compound, and the basic spatial layout of the compound in different functional categories. Next, through the collection of many cases, we summarize three different spatial evolution modes of the Danwei compound. And through analyzing the spatial evolution process in different periods from the construction in the 1950s to the present of the typical industrial enterprise Danwei Tongrentang compound, government agency Huagong Danwei compound and Xinhua 1949 Innovation Industrial Park. Show the three spatial evolution models of Beijing Danwei compound. Analyze and summarize the distribution and reasons of different functional Danwei compounds in the three modes. Finally, from the aspects of land use, building texture, road transportation system, public green landscape, and public auxiliary facilities, research the impact of different evolution models on urban space.



**Title**

**The spatial evolution mode of Beijing Danwei compound and its influence on urban space.**

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