

## SUMMARY OF MASTER'S DISSERTATION

Student Identification Number	80933320	Name	Chisato Takahashi
Title			
A Study on Urban Structures for an Aging Society.			
Abstract			
<p>Japanese society is facing an unprecedented situation, with decreasing population and aging problem.</p> <p>Assuming that labor productivity continues as today, it would be impossible to support senior citizens at the cost of young generations in the near future. Japanese economy is likely to fall in crisis and thus, it is important to improve the economic efficiency by concentration of population in urban area.</p> <p>'Compact city' is a breakthrough idea in order to solve the urban sprawl problem such as high-infrastructure investment due to depopulation. It enables to decrease public burden such as high-infrastructure expense by population concentration in the center of cities.</p> <p>Today, the idea of compact city is really implemented in local cities such as Aomori and Toyama. Tokyo can be a target for such idea considering enhancement of economic efficiency.</p> <p>I evaluated the effectiveness of high-rises and high density urban structure approach for realizing a compact city in Tokyo from the viewpoints of environment, economic and social assuming that such structure would be likely to fit depopulating society.</p> <p>As a result, skyscrapers increase open spaces and green coverage. However there is appropriate height according to the site or the volume ratio situation.</p> <p>The results showed that the high-rises and high density urban structure would be likely to bring about positive economic effects by relaxation of volume ratio, and that productivity would increase by saving time and expenses for commuting. Furthermore, it would generate more spare time for enjoying theaters or museums by living closer to workplace. Community activities would be likely to increase as well in the end.</p>			
Key Words : Urban Planning, Aging Society			