## SUMMARY OF MASTER'S DISSERTATION

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Title

## Design of Policies for Reconstruction of Housing in Districts Suffered from Tsunami

## **Abstract**

The occurrence of the Great East Japan Earthquake did serious damage all over the country including the Tohoku district. The death toll especially from tsunami occupies 90 percent or more of the whole, and the city planning accompanied by the measure against tsunami is a problem of the utmost importance in revival. In the cities, towns and villages of the area along the shore in Iwate Prefecture, Miyagi Prefecture, and Fukushima Prefecture which suffered especially the damage of tsunami, large-scale land use called a setup of a disaster prevention group move, banking padding, a land readjustment project, and a non-inhabitable land region is planned as a land use plan. On the other hand, the plans under which the problem which the self-governing body of the Tohoku district had will be combined with revival, and is solved from before the occurrence of an earthquake disaster, such as low birthrate and longevity, decrease in population, a decline of industry, and city urban sprawl, are formed in each self-governing body. However, while the land use plan and the housing recovery program are furthered based on the consensus building of residents and administration, the problem which society has makes decisions based on the standard of a life of relief and safety, and a one and expense, without thinking. Decision-making in such land use determines the form of a future city, and catches a problem not in short-term and the viewpoint of strangulation but in long-term and comprehensive approach, and what is made decisions is needed. In this research, after analyzing widely the environment, the element, the interaction, the boundary, and influence which surround a housing recovery policy for the cities, towns and villages of the tsunami disaster coastal area which is planning the housing recovery enterprise and specifying a subject, the solution for realizing a better housing recovery policy is proposed. As a subject, a stakeholder called the storekeeper who is not having the demand filled with the present reconstruction policy, and a fishery pursuer was specified. The problem -- carrying out -- though the risk of tsunami is taken, it is being in the situation a group move not being carried out for an occupation. It is padding of the block by artificial ground as a means which can revive in old land, ensuring the safety to tsunami. As a result, the example planned a hearing and now showed that the danger of tsunami was an effective means to the shopping center where padding by artificial ground is high. Moreover, in the revival master plan, suggestion that it could contribute to business solutions, such as development with economic development of the city which is the subject which has hung up cities, towns and villages, and the suburbs, and compact city planning, was also obtained.

## Key Word(5 words)

the Great East Japan Earthquake, Group Relocation for Disaster Mitigation, Heightening of Embankment, the Fishing Industry, the Fishing Industry