

# A Study on Reconstruction Strategy of Housing and Community after Great Disaster in the Rural Area

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## [SYNOPSIS]

This study aims to explore the cases of some earthquake disasters that happened in the last decade in the rural area in Japan. We will be able to learn some lessons for preparing for a next huge from these cases.

In the first chapter we examine the lesson of ten years reconstruction process of the Great Hanshin Earthquake in 1995.

The second chapter deals with the various aspects of damage of Chuetsu Earthquake which happened in the rural area of Niigata prefecture in October 2004 and examines its reconstruction process. This case is very different from the case of Great Hanshin Earthquake because it did hit the typical Japanese rural area.

The third chapter deals with the character of damage of Fukuoka Earthquake, particularly focusing to Genkaijima island, and examines the reconstruction process. This earthquake happened in May 2005, hit the small island of Fukuoka city, all houses on which were almost completely destroyed. This is also very important case for expecting earthquake damages in the costal area and its reconstruction process.

In the fourth chapter we examine the situation of post-reconstruction in Okushiri island of Hokkaido, which was hit by great earthquake and tsunami in 1993. The earthquake, big fire and tsunami killed 200 people of small island where there were 4000 peoples at that time. Also this case can show useful lessons for next tsunami disaster.

Finally in the last chapter we investigate the possibility of community power to survive from the earthquake and tsunami in the case study of Kochi city, which is estimated great earthquake will hit near future.