

## 異種災害の比較と類似性の抽出

Comparison of different kind disasters and find of the similarity

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This study compared the damages and revival processes of Kawauchi village with Miyake Island. Kawauchi village was damaged by the 2011 Off the Pacific Coast of Tohoku earthquake. On the other hand, Miyake Island was damaged by volcanic eruption.

Kawauchi village is located in Fukushima prefecture, northeastern Japan. The population of 2010 was 2997 people. In this village, depopulation and aging advanced. The main industry was tertiary. Kawauchi village damaged by the 2011 Off the Pacific of Tohoku earthquake. The most serious damage was nuclear hazard. This village evacuated outside in 16, March, 2011. The refuge continued until January, 2012.

Miyake village is the Island of active volcano belonging to Tokyo city. The population of 1999 was 3872 people. The main industry before the volcanic eruption was sightseeing business. Miyake volcano erupted in June, 2000. A large quantity of volcanic gas and volcanic ash were spouted out. Landslide disasters were occurred frequently. All islanders of Miyake village evacuated outside of Miyake Island in September, 2000. The refuge continued until February, 2005. The service industry, the retail trade, the wholesale trade were decreased greatly. A village office moved under the influence of volcanic gas.

This study divided the damages of the two villages into two types. The first type affected the industry. Another one affected the community. We found same kind of damages and revival processes in different disaster.

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