

Long-term disaster prevention activities in the condominium apartment

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In the Great East Japan Earthquake, many apartment residents were obliged to live uncomfortably with damage of infrastructure, although their apartments were not severely damaged. Existing studies have already pointed out the significance of the awareness of each resident or of voluntary organization for disaster prevention. It is, however, not clear that how should we enhance their awareness of disaster risk and encourage their action.

In this project, we chose a condominium apartment in Fujisawa city and empowered the residents by distributing newsletters about disaster prevention and by holding a lecture workshop for the residents. We conducted totally three social surveys to the residents to measure changes.

According to the surveys, many of the residents do not take action even though they were aware of the disaster risk. They know what and how to take action and increased the behavioral intention after the lecture workshop but still did not take action. As conventional studies indicate, economic cost prevents people from taking action such as securing furniture or building stockpiles, but, this time observed a low rate of preparedness regarding family agreement or confirmation of how to communicate right after the disaster happens.

In this presentation, we would like to report the effective measure to empower apartment residents for disaster mitigation.

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