

In order to protect people from various disasters such as tsunamis and landslides, we developed a method called “Nige Chizu”, workshops to enhance multi-generational risk communication in the community and cooperation between regions.

“Nige Chizu” is the term used for an evacuation map, and indicates the length of time required to reach evacuation points. The specialized functions are represented by using classified colors drawn on the route, beginning at the evacuation point, counting each color stripe as three minutes walking.

The workshops have been held in various areas and situations. It was started in the disaster area Rikuzen-Takada, and after that it was applied in Kamakura, Izu-Shimoda, Kawazu, Minami-izu, Wakayama, Kochi, and other places where there is the threat of tsunami. Nige-Chizu workshops were held not only as a community program, but also in primary and secondary schools as a disaster prevention education program.

We applied Nige Chizu to landslide disaster in the case of Chichibu City. Although Nige Chizu was originally created for tsunami, this trial brought greater results than expected, as seen in that the community made a district evacuation plan.

As a result, it has been shown that Nige Chizu can contribute as a useful medium for risk communication and as an educational tool for disaster prevention.