

The awareness of the floods hazard map - A Case Study at Shinminato district Imizu city-

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The aim of this paper is to clarify the difference of recognition of flood hazard map on between different land condition areas. The case study area is Shinminato district on Imizu city in Toyama prefecture. A flood hazard map on Shinminato area was published in May 2006. A questionnaire survey of recognition for hazard map was done to 10,000 households on this area from Dec. 2006. to Feb. 2007. In this questionnaire, there are 7 question categories. 1 attributes of respondents, 2 anxiety of disaster, 3 recognition of hazard map, 4 impression of this flood hazard map, 5 evaluation of the respondents' residential area against flood disaster, 6 participation rate of community mitigation activity, 7 free description. 2611 respondents were accepted. From question survey, over 50% respondents are over 60 years old. Most respondents have been in this area over 10 years.

54 percent respondents have anxiety of disaster on their residential area because of low land and downstream area. 60 percent recognized the hazard map. From the impression of hazard map, respondents need some landmarks to understand this map easily. About the evaluation of residential area, 73 percent didn't consider the danger of disaster when they choose the location of their house.

Considering the recognition rate between the flood danger area and the safe area, the danger area respondents' recognition is higher than safe area respondents. Residents' recognition of hazard map depends on the land condition for disaster vulnerability.

Thinking the hazard map function, the safe area residents' recognition should be improved to build up the strong community against disaster.