

Discussion on the social demand level of hazard estimation

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The 2011 Tohoku earthquake caused enormous unexpected damage, which raised a problem inherent in the hazard estimation itself. I think the most serious problem is that the demand level of hazard estimation has not yet been clarified. The demand level used to be the most serious historical hazard. Subsequently, after the earthquake, it changed to be the most serious hazard that could occur theoretically. However, the methodology to estimate the theoretical maximum hazard has not been established. Furthermore, the society is not yet ready to accept such a serious estimation. Therefore, the society should discuss the demand level of hazard estimation again in their initiative.

Keywords: hazard estimation, hazard map, social demand level