

Hot springs water and radon observations with the 2011 Tohoku Earthquake

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This report is the results of observation of changes in dissolved radon gas and hot spring water with the 2011 Tohoku earthquake, four in the hot springs of the central region, Japan.

The purpose of this study is to show the relationship between radon concentration and crustal strain variation and the hot water from the viewpoint of earthquake prediction, to clarify the relationship between groundwater and the occurrence of the earthquake.

Keywords: The 2011 Tohoku earthquake, Radon, Water, Hot Spring, Earth Quake Prediction, Crustal Strain