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## Research study on the change of the university students' interests on earth science after 2011 Tohoku earthquake

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For improving learning earth science in university education, the questionnaire survey is carried out in the departments of information science in Tsukuba Gakuin University and Otsuma Women's University. According to the result of this survey, it is clear that most of the students attending lectures have strong interests for natural science and environment problem. Although they can understand that the usual living condition is affected for earth event such as global warming, they have no idea for the way to change that situation for future environment. We also carried out the extra questionnaire survey for 2011 Tohoku earthquake in 2011. According to the preliminary result in Tsukuba Gakuin University, most of the students living in Ibaraki Prefecture experienced strong shake and fear for this disaster earthquake, and they became interested in mechanism of earthquake and tsunami. This study could contribute to detect the change of students' interests on earth science after the disaster earthquake and provide the way to attractive educational programs.

Keywords: Earth science, questionnaire survey, general education, 2011 Tohoku earthquake