

## Introduction of teaching and materials the theme of Geo, and Disaster awareness of high school students in Shizuoka

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### [Introduction]

Science and Environmental Education Project (SEEP) , such as researchers, nature guide school teachers work together , we have developed educational content on the theme of natural science (Tsuda, et al. , 2013 ) . Developing Model class and geoscience materials 12 types aim it at the Izu Peninsula Geopark human resources development projects , and performed on the geo- guide with more than 150 people and described in three years , that capture the characteristics of the earth in Shizuoka Prefecture getting high marks from geo- guides of almost all .

We researched as " Fuji Disaster prevention Fellow training course " , a statistical study of disaster prevention survey of model class.

### [Method]

The subjects were about 320 students in high schools in Shizuoka Prefecture.

As a method we used, hands-on educational materials, interpreter, communication, sub- materials, learning worksheet.

Specifically, you have used the materials of three main lessons. Experimental observation and for each group a stone of four areas of Shizuoka Prefecture, select the age quiz that is specified in the introduction. It captures the age order in the puzzle by geologic province of Shizuoka Prefecture, including the area of each rock is in the deployment. Conclusion, I confirmed the origin of the earth in Shizuoka picture-story show the history of the land in Shizuoka (wood panel) or not there was any such events to the geological era.

### [Results]

In order to know the understanding of the individual, the question, "earthquake", "plate", "Nankai Trough earthquake in the past", "Mount Fuji eruption", "active volcano in the prefecture", "rock in the prefecture", "Geopark". We found that that is not known for most of the Geopark in high school outside of Geopark area.

It resulted in materials (60%) interest in the interpreter (22%) accounted for many, teaching increases the interest geology, geo-on (earth) as the reason

It is expected that by the SPSS statistical analysis, to present a detailed analysis of the data in the announcement.

Keywords: Geoscience materials, Geopark guides training programs, Visiting lectures in high schools, Disaster awareness