

Geoscience curriculum on High School research program

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Background: A new system for research program on high school had started at 2013. And some school has started the research program as SSH, SPP and so on. Many universities and research instituts supports research by high school students. In many case scientist suport sturents on specific skill not basic skill. As increeasing the number of SSH, theme for research had diversified lile as the interraction of science and society.

Basic skill Lesson: Authors had suported for the resson of basic skill to cross the filds, referenc skill, cretical thinking and so on.

Activities: Lessons from the Great East Japan Earthquake are summarized in White Paper on Science and Technology 2012. The public trust in scientist declined from the gap between expectation and real. Promotion of integrated research of different fields such as seismology, geology, archaeology and history to enough understand earthquake and tsunami is a pressing need. Risks and uncertainty involved in science and technology have not been seriously considered with regard to the provision of information by the government and experts for the public. Therefore most of the people did not have an adequate understanding of the situation. Social Engineering, Social Sciences, and Humanities have to be considered in implementing countermeasures. Anticipating massive earthquakes and tsunamis by taking every possibility into account.

Propose: The uncertainty of geocience has been the reason to avoid geosience in school curriculum.

Keywords: geoscience, statistics, refference