

Application of GSI's Products for Disaster Prevention Education

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Geographical subject “Chiri-Sogo” (general geography) was decided to be set as newly compulsory subject of senior high-school in the next Course of Study which was revised in fiscal year 2017. Also, importance of utilization of maps and GIS (Geographical Information System) becomes larger and larger in the next Course of Study in geographical field. On the other hand, natural disaster in our country becomes more and more seriously in recent years; such as “Nishi-Nihon Gouu” (Heavy rainfall in western Japan) and “Hokkaido Iburi-Tobu Jishin” (Earthquake at eastern Iburi District in Hokkaido) were happened in the last year.

GSI (Geospatial Information Authority of Japan) has been supporting to geographical education; such as lectures to pupils, students and teachers. Such supports for disaster prevention education becomes more important as GSI regarded to play an important role in the national government.

GSI provides “Chiri-in Chizu” (GSI Maps) as a platform to serve GSI's geospatial contents; such as basic maps and thematic maps. Information in such maps, geomorphology and land condition are useful for considering a risk of natural disaster which might be happened. Also, functions in “Chiri-in Chizu” ; such as various ways of geomorphological expression, are useful for considering a risk of natural disaster.

GSI had examined its role for educational support with specialists in geographical education in fiscal year 2017-18, and it was pointed out that GSI should improve and strengthen its way of serving geospatial information. GSI is now taking actions for improvement of serving geospatial information.

In the presentation, the author expects to discuss how GSI should play a role in disaster prevention education.

Keywords: Disaster Prevention Education, Maps and Geographical Information System, Geospatial Information Authority of Japan