

Experience of Promotion and Development Geoscience Network for Taiwan

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Introduction

Taiwan's rich geological landscape features, special complex geological structure, geological tourism has great potential. For the complex geologic structures and dense population in Taiwan, the frequency of multidiscipline disasters has increased due to global environmental change in recent years. The needs of geological knowledge for publics obviously has become more important.

In Taiwan, "Geology Act" came into force at 2011, which not only emphasized the survey of fundamental geology and geologically sensitive areas, but also initiated the promotion and development project of geoscience network. Using information and communication technologies and geological learning activities in this project, the professional geological knowledge has been translating and conveying to relatively simple interpretation for the publics. Until August 2014, more than 95 percent of public satisfaction to show that all these efforts up to a new status on Taiwan's geological and environmental education.

1. Geological Expert Advisory Services

Professional consulting services solve many geological problems from the people. All case profiles will provide database for the expert systems. In order to reach the aim of value-added services and professional consultancies, geological workshops and forums for different ethnics or professional groups are proposed.

2. Virtual-Actual Geological Services

The geological knowledge website connect with a series of people, culture, land, industry, landscape resources in areas related to the fields of tourism, local economics, environment, disaster prevention system etc., providing various services for people to learn geological knowledge.

3. Creative and Innovative Geological Services

This project has been producing many creative and innovative products such as illustrations, posters, models, animation, videos, systems, books, virtual characters, propaganda gifts, e-books, etc. And all these products described the geological knowledge were applied to the integrated visual- actual geological services.