

## The Development of a Web-based Volcano Hazard Map by Integrating into the Disaster Medicine Information-Sharing System

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On the basis of the lessons learned from the Tohoku Earthquake and Tsunami Disaster occurred on 11th March, 2011, National Institute of Public Health are now developing a cloud-based information-sharing system to facilitate medical support teams to effectively and efficiently distribute a limited number of staff and resources during large-scale disasters. The mapping of relevant facilities, such as evacuation shelters and hospitals, is the key function of the information-sharing system because the understanding of geographical relationships is the first step to visit and work in an unfamiliar area during disasters. The system is also able to display the hazardous areas such as inundated lands due to tsunami and the debris-covered areas due to landslides. That means we can apply the information-sharing system to volcanic eruptions to display the potentially hazardous areas, although most previous hazard maps for volcanic eruptions have been printed on paper. In my presentation, I will show an example of the application by using the hazard map of Mt. Fuji, which has been published by Mt. Fuji Volcanic Disaster Prevention Conference in 2002 (See Figure 1).

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