

HSC015-P05

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e-community platform 2.0 as a platform for Risk Governance and the New Public

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NIED has proposed the concept of the e-community platform as a new public information infrastructure of the local community and as a platform for risk communication with the aim of supporting disaster risk governance. In order to support the implementation of risk governance, two types of platforms, at least, are necessary. One is the platform for ensuring that the interoperability of disaster risk information which is spread across different organizations. The other is the e-community platform for assisting the formation of communities with enriched social capital.

The platform provides an opensource environment for the integrated utilization of community site building tools (Contents Management System with blogging functions), Social Networking Services, interoperable Web-based Geographic Information Systems (WebGIS), and mobile phones with camera and Global positioning system functions. It is capable of dynamically acquiring various types of hazard maps and displaying this information in combination with the local spatial information.

These Software source code was released under GPL license in February 2009.

Keywords: risk governance, GIS, interoperability, open source