

Mega Project Plans of Human Geoscience

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Human Geoscience is a new interdisciplinary field addressing the earth's dynamics and its interaction with human. It is unique in its multi-disciplinarity, in its regional scrutiny, and in its humanistic concern. There are numerous issues in the world that require human geosciences' involvement, such as global environmental problems, large scale disasters, and land/resource problems. The East Japan Earthquake & Tsunami Disaster convinced the people that global environmental problems and disasters are inseparably related and that integrated approaches are needed. The Human Geoscience Section of JpGU therefore supports the following two project plans in order to contribute to the solutions of these problems

Project 1: Future Asia?A Japan Initiative of Research, Education & Information Network for Future Earth: This is an interdisciplinary flag-ship project of Japan for the implementation of Future Earth, i.e. the new international platform for sustainability studies. Its main focus sphere is the land and the coastal sea where global environmental problems and disasters are increasing.

Project 2: Prediction research on earthquakes and volcanic eruptions with on and off-shore observations using seafloor and borehole systems. An observation system for prediction research on earthquake and volcanic eruptions will be developed. The system consists of a seafloor and borehole instruments around Japanese Islands.

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