

## **Recent State of Research and Development on Disaster Prevention Technology**

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Some natural external forces generated in these peculiar environmental features in Japan cause natural disasters in various forms as combined with the condition of each location. Therefore, it is necessary to estimate the conditions of each location, and take appropriate measures against external forces independently, for safe operations of the railway. In addition, the construction of overall system for the prevention of disasters is essential by concentrating the technology of each external force. This paper explains the recent state and the issues of the research and development in a disaster prevention technological field.