



Research Center for Management of Disaster and Environment, The University of Tokushima

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Outline: In 2004, the Research Center for Management of Disaster and Environment, University of Tokushima was established for research on mechanisms of natural hazards and environment. The great Nankai Earthquake is thought to occur in the near future along the Nankai Trough off the Shikoku Island. Tokushima Prefecture, as well as Kochi, Wakayama, Mie, Aichi and Shizuoka Prefectures, could be attacked by large shock and tsunami. RCMODE studies the mechanisms of the Nankai Earthquake for disaster reduction of shock and tsunami based on natural and social sciences. RCMODE also studies flood disasters and landslides by heavy rainfall, and studies natural environment and regional society of Tokushima and the vicinity area. To study these themes, RCMODE has five research divisions for management of disaster and environment (see the Research Areas). RCMODE provides the public with scientific results and knowledge on natural hazards and advises national and local governments on disaster prevention strategies.

Research Areas:

Disaster Prevention Research: Earthquake Engineering, Structural Engineering, Geotechnology, Geology, geomorphology, Hydrology, Soil science, Liquefaction, Landslide

Natural Environment Research: Environmental Policy

Regional Society Research: Regional Science, Urban Planning, Political Simulation Engineering

Disaster Medicine Research: Medical Treatment for Victims, Forensic Medicine, Disaster Prevention Expert

Risk Management Research: Business Continuity Plan

Features of Research Activities

Field studies are main research feature of RCMODE. The Photo 1 is illustrating a volcanic ash of Mt. Shinmoe-dake, South Kyushu. Photo 2 is illustrating a landslide occurred at the 2011 heavy rainfall disaster of JMA Typhoon No. 12. Photo 3 is illustrating survey of height of tsunami in Tokushima by the 2011 off the Pacific of Tohoku Earthquake.



Photo 1 Deposition situation of volcanic ash in Miyazaki City



Photo 2 Large landslide at Fudono in Tanabe City



Photo 3 Tsunami height survey in Anan City