



World Conference on Disaster Reduction
18-22 January 2005, Kobe, Hyogo, Japan

Title	Land Conservation
Organizations	Land Conservation Division Agriculture, Forestry & Fisheries Bureau Hyogo Prefectural Government
Speakers	兵庫県六甲治山事務所長 泉 明 (Mr. Akira Izumi) 神戸大学都市安全研究センター副センター長 教授 沖村 孝 (Prof. Takashi Okimura)
Report	<p>Earthquake disaster and land conservation</p> <p>10 years after Great Hanshi-Awaji earthquake and during the Nankai-Tounankai earthquake resistant investigation, a large earthquake occurred at Chuetsu, Niigata prefecture. The effects of the forestry on earthquake disaster prevention are verified and the high functionality of the forests during earthquake is discussed.</p> <p>Lecturer: Izumi</p> <p>Content: Observation of the damaged areas and their characteristics based on the landslide investigation after the earthquake disaster at Rokko mountain. Using an air-borne electro-magnetic method to identify the mountains with high potential of failure. Great Hanshi-Awaji re-construction plan based on implemented land reinforcement.</p> <p>Lecturer: Okimura</p> <p>Content: Lessons learned from landslides during earthquake, Development of a new reinforcement system to reinforce the natural soil slopes during earthquake using rope nets and rock bolts.</p>
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