

AOB&COE Seminar



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Title: 地震の多様性 (The Diversity of Earthquakes)

2007年10月9日 (火) 10:00-12:00

地震・噴火予知研究観測センター(別館)第一会議室

October 9, 2007 (The) 10:00-12:00

Research Center for Prediction of Earthquakes and Volcanic Eruptions
Meeting Room #1, AOB Annex

- Abstract -

The subduction zone along the Sanriku coast hosts three diverse types of large earthquakes: megathrust (e.g., the 1994 Sanriku earthquake), outer-rise (e.g., the 1933 Sanriku earthquake) and tsunami (e.g., the 1896 Sanriku earthquake). The recent occurrence of a slow tsunami earthquake in Java and a doublet of a great megathrust and an outer-rise earthquake in the Kuril Is. provided a good opportunity to investigate these types of earthquakes in greater detail. Also, recent studies on the energy budget of large earthquakes demonstrated that the diversity of earthquakes typified by these three types of earthquakes can be understood in terms of energy partitioning during faulting. We will discuss this diversity and its implications for hazard mitigation measures.

主催: 東北大学大学院理学研究科 地震・噴火予知研究観測センター Tel : 022-225-1950 (代表)

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