

Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

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U021-06

Room:304

Time:May 24 10:45-11:05

An Instance correspond to the 2000 Tottori-ken Seibu Earthquake

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Large earthquake (M7.3) occurs 10 km depth in a west mountainous region of Tottori prefecture on 6 October, at 13:30. Strong tremor struck at Sakaiminato city and Hino town, and Seismic intensity of 6 Upper were recorded. Tottori Prefecture Governor established immediately in Tottori prefectural disaster countermeasures headquarters. He takes the meeting to discuss. And I am called measures room at about 4: 00 in the attendance of a Conference as an observer. The countermeasures headquarters was opened to the public by the parsons concerned in the mass media. Earthquake Information in connection with the biggest aftershock is transmitted from Japan Meteorological Agency. It warns to be a high possibility that the biggest aftershock will be occurred within 2 or 3 days. I was requested an explanation of the Earthquake Information from Governor. The answer was that the biggest aftershock will be occurred near Yonago city where is densely populated. If it is the occurrence of the aftershock, the seismic intensity in Yonago city is more than 5. And it is expected to suffer big damage on Yonago city. The reasons are as follows, the high seismic activity in this area is continued for 11 years. It is considered that those seismic activities occurred in same fault system. The direction of the fault is NWW-SEE. The seismic activities migrated from SE to NW. A biggest aftershock occurs at the edge of fault probably, and this point is 10km depth near Yonago city. Governor took with members to work out countermeasures by my explanation, and carried out many orders. The scene of the anti-disaster headquarters, the seismologist who can be a proper understanding of occurring succeed stages, must give an account of seismic activity.

The conditions are as follows.

- (1) To exist a relationship of mutual trust between the seismologist and the mass media, the administrative organ, inhabitants.
- (2) Studying and observing the local seismic activity in this area.
- (3) To be well informed about local Information. (For example, no mistakes to call names of local places)
- (4) To have the opinion to a phenomenon in this area.
- (5) To be need to take a broad view of the situation to seismic activity.

Keywords: Seismic Information, Prefectural disaster countermeasures headquarters, Seismic Activity