

Y230-001

Room: 101

Time: May 17 13:45-14:00

Development of Earthquake Early Warning

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Japan Meteorological Agency commenced provision of Earthquake Early Warning for advance users in August 2006 and for public in October 2007. Since then EEWs with estimation of seismic intensity 3 or above were issued more than 1600 times for advance users. EEWs with estimation of seismic intensity 5 or above were issued nine times for the public as of December 2008. As EEWs has an error +/- 1 rank of seismic intensity estimation, there were miss events and false alarms.

There needs further development of methods for estimation of a source parameter estimation as well as seismic intensity estimation. JMA's development will be reported.