Versatile use of the seismic early warning system of Nagoya University

Takamori Ito[1]; Yoshinari Hayashi[2]; Kazuro Hirahara[3]; Naoyuki Fujii[4]

[1] OYO SI; [2] Disaster Management Office, Nagoya Univ.; [3] Environmental Studies, Nagoya Univ.; [4] RCSV, Grad. Sch. Sci., Nagoya Univ.

We have been developing the seismic early warning system using JMA nowcast information since 2003. The feature of this system is dual warning sources, JMA nowcast information via a dedicated line and independent seismometers operated by ourselves. These data are assembled in the nowcast server placed in Nagoya University. Another feature of this system is using INTERNET taking and serving seismic data. This feature contributes to cost-down of regular communication fee.

We started the feasibility study on effectiveness of JMA nowcast information for disaster reduction. In the first step, we are constructed a indication software as a java application.

Now, we add more way of information supplement. One is using e-mail messages on mobile-phons. Another is using java applet. It is late in case as mail though it can be taken more securely. Because an applet does not take much time of the installation, it can expect much use.