

SSS013-P04

Room: Convention Hall

Time: May 25 17:15-18:45

## Relocation of JMA hypocenter catalog (1965-1997.9)

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Source parameters in the JMA earthquake catalog are calculated with different hypocenter determination methods by age.

1965-1982: Travel time table is given by Ichikawa(1971) and resolution of hypocenter location are every 1 minute and 10km-depth. Station weight function is discontinuous by epicentral distance.

1983-1997.9: Travel time table is given by Hamada(1983) and resolution of hypocenter location are every 0.1 minute. Station weight function is discontinuous by epicentral distance.

1997.10-: Travel time table is given by Ueno(2002) and resolution of hypocenter location are every 0.01 minute. Station weight function is continuous by hypocentral distance.

We will show hypocenter distribution between 1965 and 1997.9 relocated with same travel time table, same station weight function and same resolution of hypocenter location.

Keywords: hypocenter relocation, JMA hypocenter catalog, East off IZU