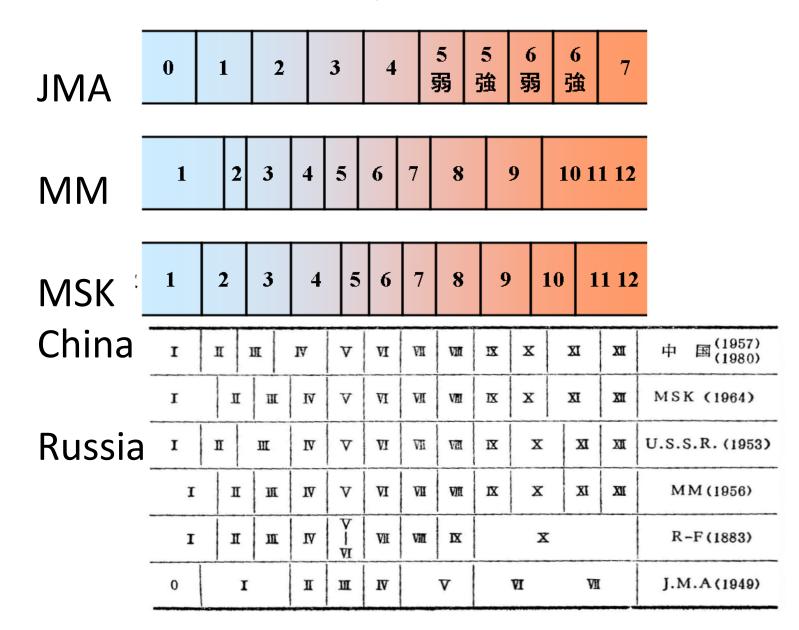
Database on earthquake

- 1. Different Intensity Scale
- 2. Different Calendar
- 3. Origin time (local or universal)
- 4. catalog

1. Intensity Scales



2. Calendars

Gregorian or Julian or lunar

3. Origin time

Local time is good to understand the disaster and hostrical event was discribed on the local time..

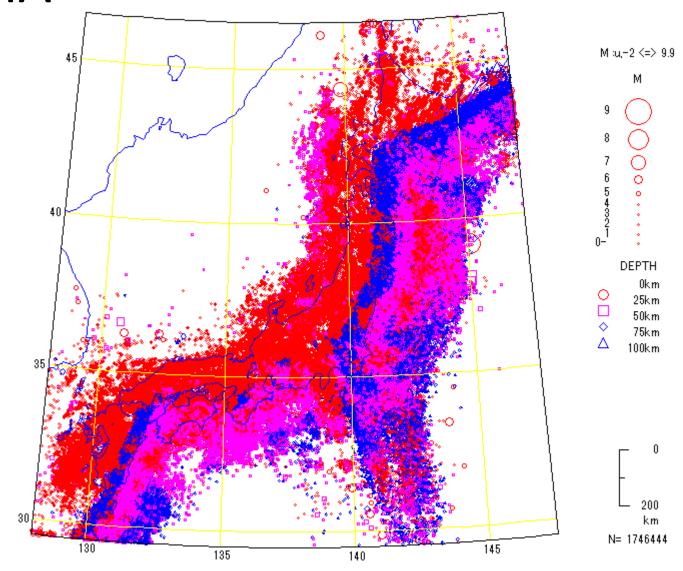
Universal time is commonly used except Japan.

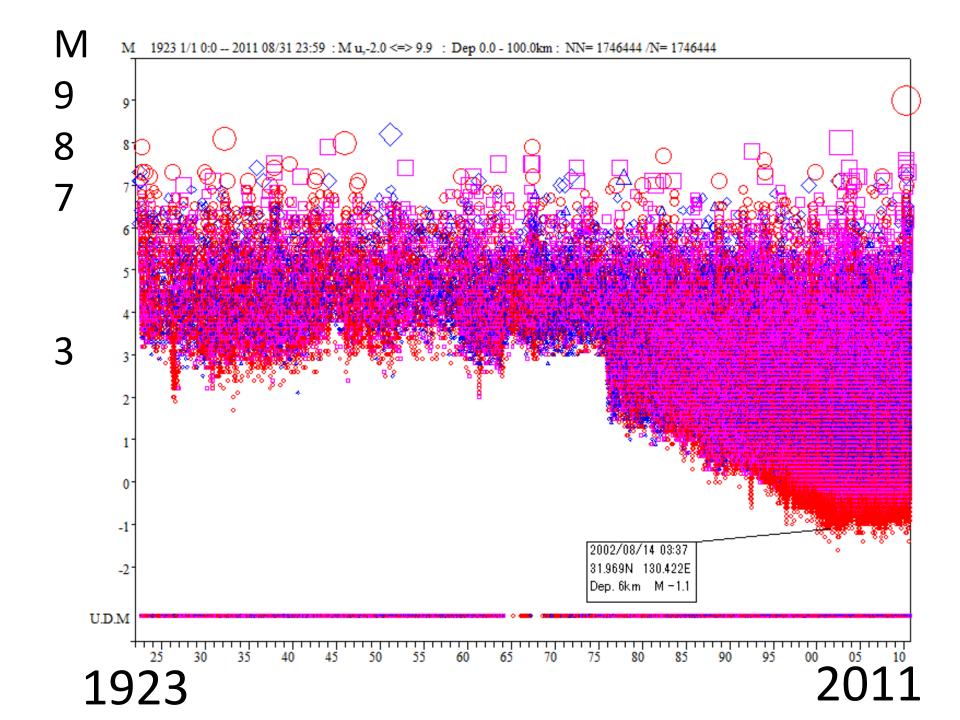
4. Earthquake catalogs

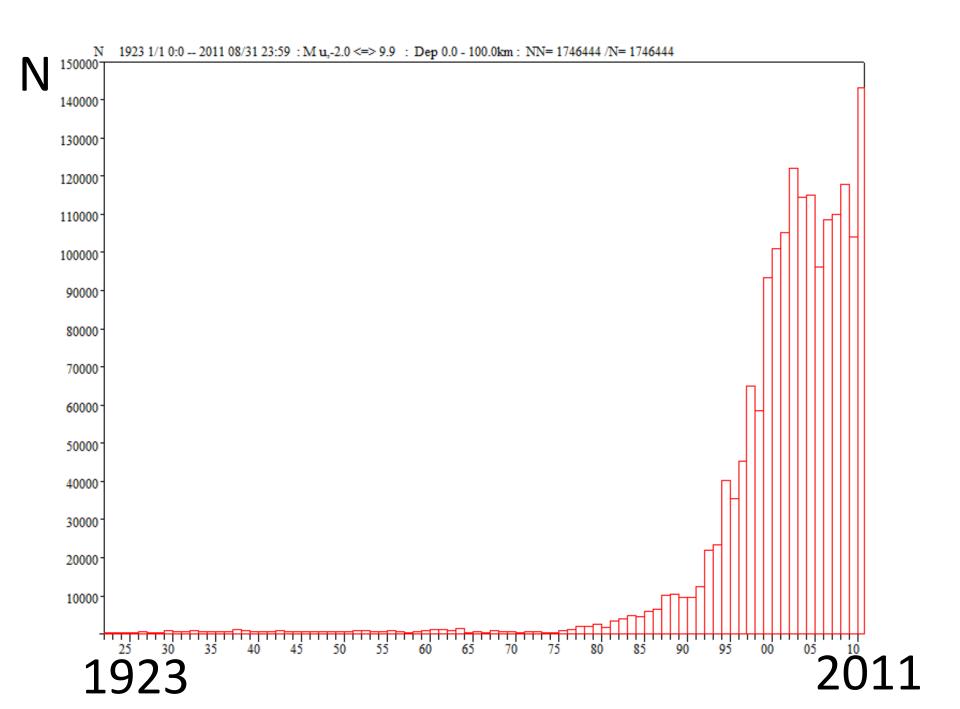
- a) Different magnitude
- b) Homegenity in time and space
- c) Miss locations

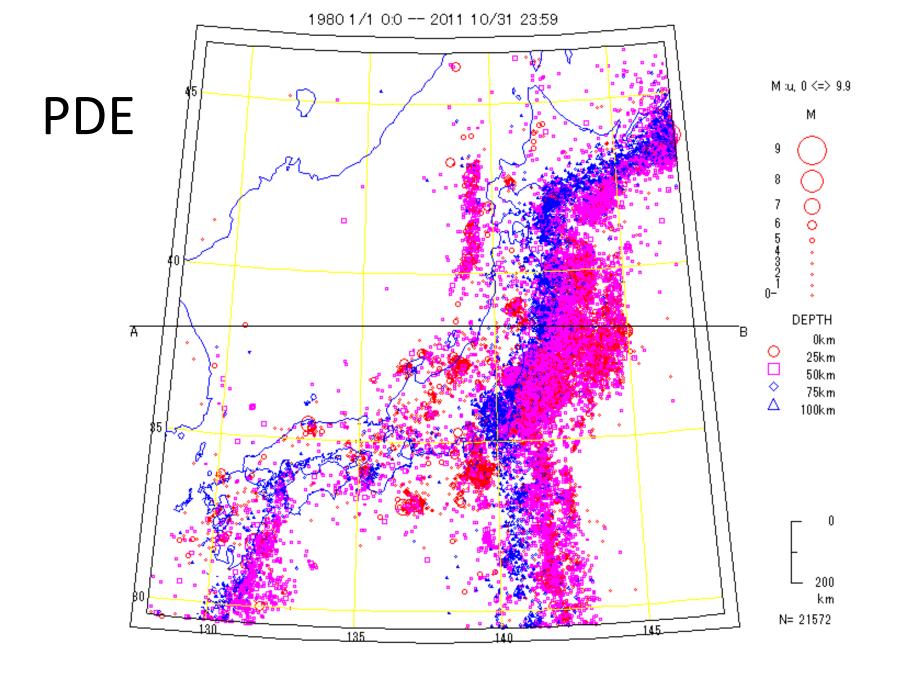
JMA

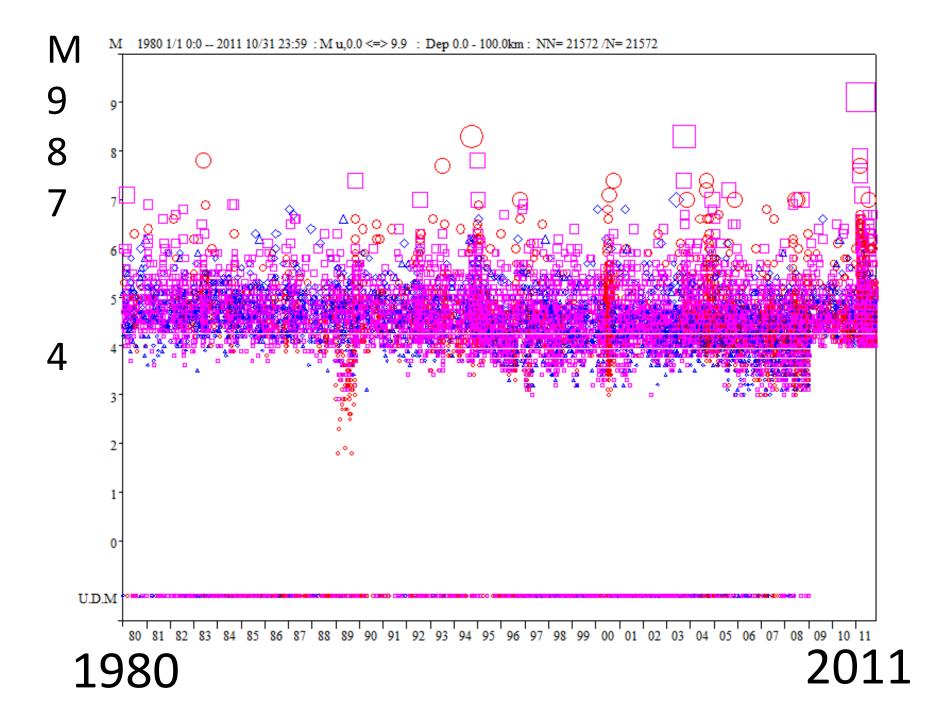
1923 1/1 0:0 -- 2011 08/31 23:59

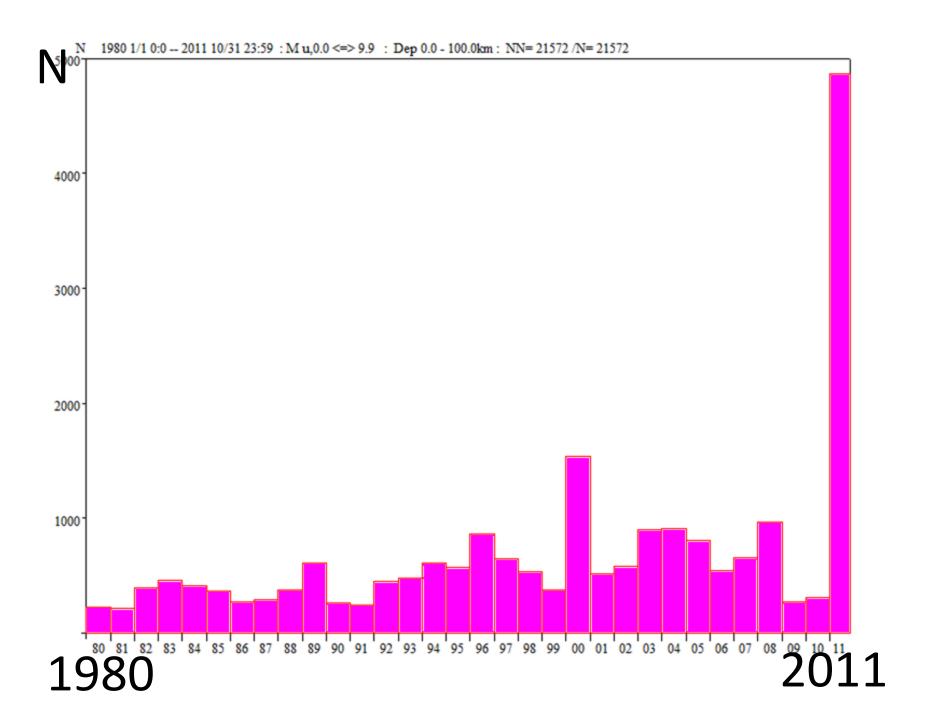






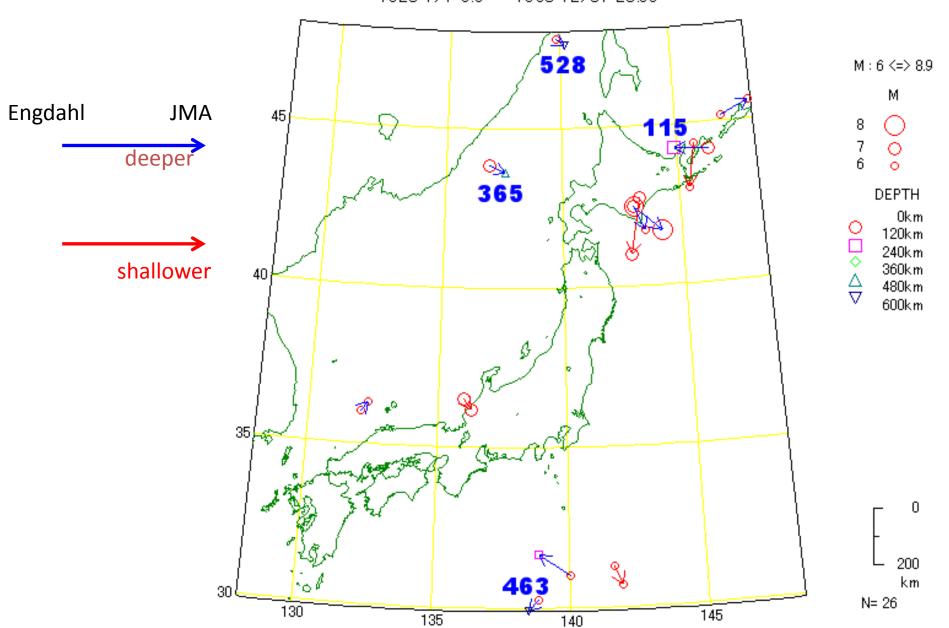






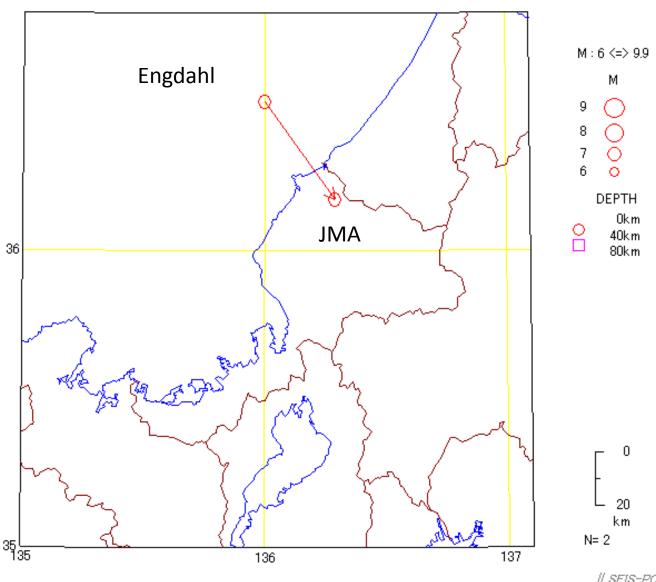
Difference of the hypocenters from Engdahl's to JMA's

1923 1/1 0:0 -- 1963 12/31 23:59



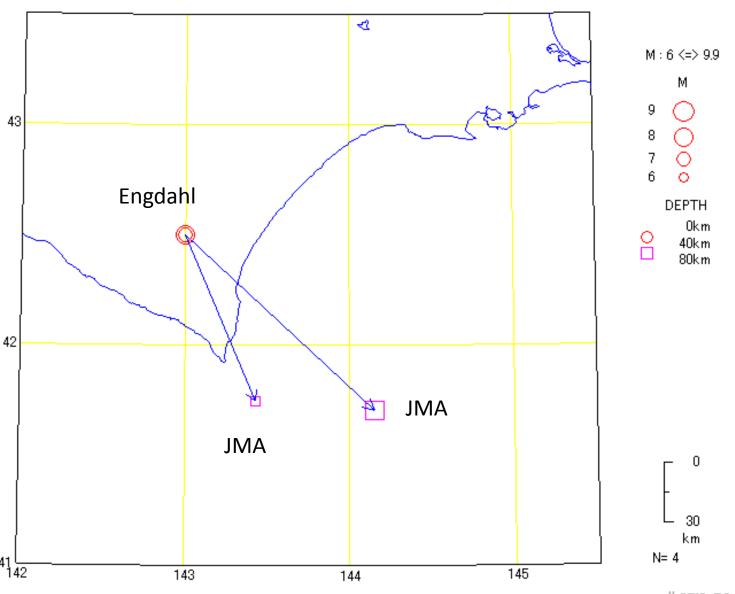
1948 Fukui earthquake M7.1

1948 1/1 0:0 -- 1948 12/31 23:59



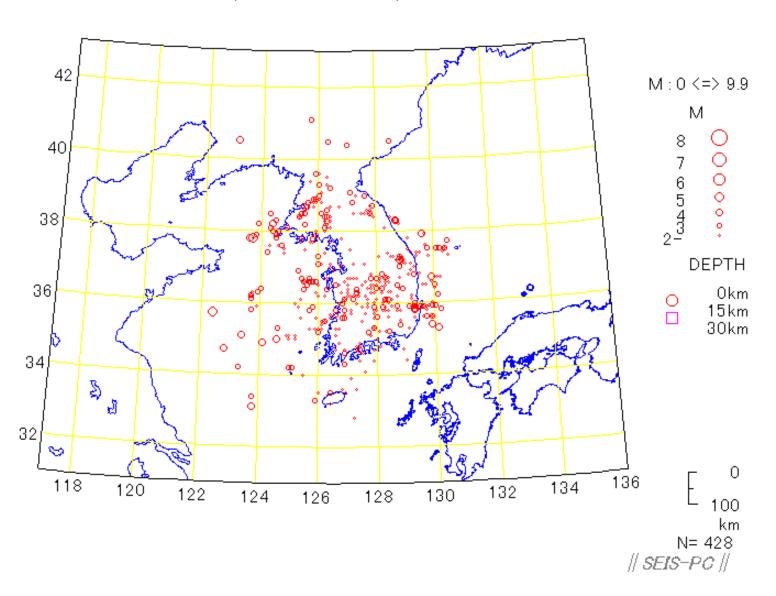
1952 Tokachi-oki earthquake M8.2



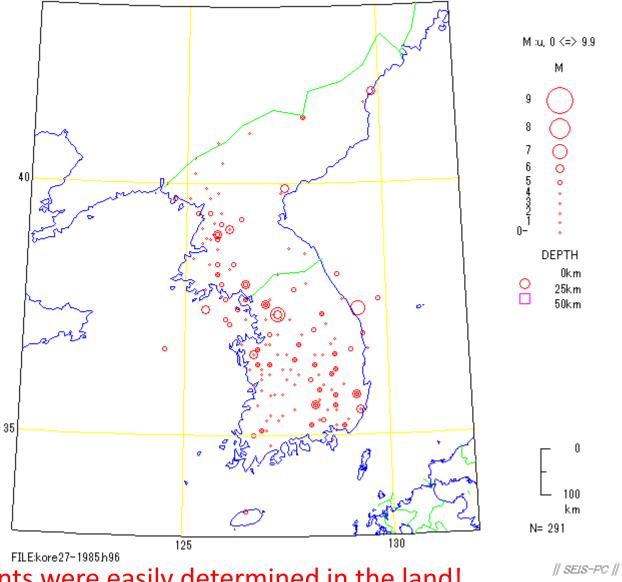


Seismicity by KMA: 1986-2003 April

1986 1/1 0:0 -- 2003 4/30 23:59



The epicenters of historical events : 27-1900



Historical events were easily determined in the land!

Data after Li(2001)