

## 東アジア地震データベース その2 Seismological database in eastern Asia (part 2)

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Earthquake catalogs were compiled and summarized by Ishikawa(2002) in China, Korea and Japan. The calendar was uniformed in Gregorian and the origin time of earthquakes was Universal time. For the next step, worldwide data were used for checking. Engdahl & Villasenor(2002) compiled the global earthquake catalog in 20c. Their result was very useful for many researchers, but the locations of some hypocenters were not suitable. There were large differences of the hypocenter locations from those of JMA. For example, the hypocenter of the 1952 Tokachi-Oki earthquakes was at Hidaka region by them, but actually it was located in the Pacific Ocean. The 1948 Fukui earthquake was located in the Japan Sea and some events in the Japan Sea were much deeper than in their catalog (Ishikawa,2012). Most of parameters of these events were referred from other papers. The parameters in old catalogs were not accurate, so if possible, the parameters had better be re-determined by using original reports. Ishikawa and Lin(2012) presented that the hypocenters by JMA in Taiwan from 1922 to 1944 were much better than others, as JMA re-determined hypocenters there using old reported data.

Next, the earthquake data in Vietnam and Philippine were added. The earthquake catalog by Cao(2012) was inputted in Vietnam. It includes earthquakes from AD 114. The earthquake catalog by PHIVOLCS was used in Philippine and it was from AD 1897.

### References

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キーワード: 東アジア, 地震カタログ, データベース, ベトナム, フィリピン

Keywords: East Asia, earthquake catalog, database, Vietnam, Philippine