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## KML file for "Catalog of Damaging Earthquakes in the World "

Tatsuhiko Hara<sup>1\*</sup>

<sup>1</sup>ISEE, BRI

We introduce a KML (Keyhole Markup Language) file for the earthquake catalog, "Catalog of Damaging Earthquakes in the World", which Dr. Tokuji Utsu, Professor Emeritus of Tokyo University, compiled and the ISEE (International Institute of Seismology and Earthquake Engineering) of the BRI (Building Research Institute) has inherited, and has been updating and maintaining since 2003. This catalog is available at <http://iisee.kenken.go.jp/utsu/index.html> and [http://iisee.kenken.go.jp/utsu/index\\_eng.html](http://iisee.kenken.go.jp/utsu/index_eng.html) for the Japanese and English versions, respectively. Although it has been possible to search events in the catalog from [http://iisee.kenken.go.jp/utsu/utsuweq\\_bak.html](http://iisee.kenken.go.jp/utsu/utsuweq_bak.html) ([http://iisee.kenken.go.jp/utsu/utsuweq\\_bak\\_eng.html](http://iisee.kenken.go.jp/utsu/utsuweq_bak_eng.html) for English) it is impossible to view and search events on a world map. In order to implement such functions, we are developing a KML file for this catalog. In the presentaion, we also introduce another earthquake catalog, "ISEE's CMTs, Aftershock Distributions, Fault planes, and Rupture processes for recent large earthquakes in the world", which the ISEE has been developing and updating, and its KML file.

Keywords: KML, Earthquake catalog, Damaging earthquakes