

Advantage of the Digital Active Faults Map of Japna

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The working group for active faults of Japan (1999) has carried out detailed aerial photo interpretation of active faults based on fault-related landform created during the late Quaternary, and mapped them on the 1:25000 scale toposheets. These faults are digitized for GIS data together with the information relevant to their activities such as mode and sense of displacement, amount of slips, age of fault references etc. The digitized data will be provided as a shp file for the users.

This digital fault map has a great advantage to the previously published printed fault maps in many ways. The users can accurately locate the faults in the vector map as large as 1:10000 scale on monitor screens, and easily compare with other digitized geological and geophysical data for further scientific studies. The digital active faults map will be hopefully utilized for land use planning to mitigate seismic hazards.