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Room:Convention Hall

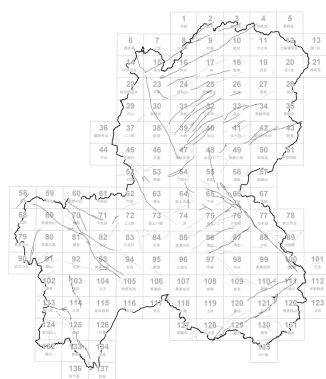
Time:May 25 16:15-18:45

"1:25,000 Scale Active Fault Map of Gifu Prefecture" and its online release

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We published "1:25,000 Scale Active Fault Map of Gifu Prefecture" and its explanatory text in 2010, and released them online (<http://www.gis.pref.gifu.jp/>), in order to call attention of residents to seismic hazard. Each expert on active fault research interpreted airphotos of the entire area of the prefecture, based on the same standard as we provide "1:25,000 Active Fault Map in Urban Area". From the fall of 2009 to the summer of 2010, we held ten times of meetings (2-3 days for each meeting) to compile and cross-check opinions by each expert. The map shows detailed locations of the Atotsugawa, Miboro, and Nobi active fault system for the first time, which (probably) caused the great 1858 Hietsu, 1586 Tensho, and 1891 Nobi earthquakes, respectively, in addition to fault traces in the upper-reach area of the Nagara River, around Mt. Byobu, Mt. Ena, and so on. We also identified several previously-unknown active faults, and partly revised the traces of the previously-known active faults.



Keywords: active fault, tectonic landform, seismic hazard, disaster prevention, GIS, Gifu Prefecture