The making of the revised edition of “Digital Active Fault Map of Japan” Part 3: active fault viewer

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The revised edition of the “Digital Active Fault Map of Japan” edited by Toshifumi Imaizumi, Takahiro Miyauchi, Hiroyuki Tsutsumi and Takashi Nakata is published by University of Tokyo Press. In this revised edition, we have checked and updated all the contents and information of the previous edition, incorporated new information obtained since 2002, replaced the base maps of the digital active fault maps, and developed a new GIS viewer of the maps. Although major revisions from the previous edition are summarized by Miyauchi et al (2018, this meeting), we focus how to make the active fault viewer. With the rapid development of computer technology, both the hardware and operating systems (OS) have evolved constantly. The previous edition was a cutting-edge active fault database at that time. The viewer of the previous edition became incompatible with the recent versions of Windows OS several years ago, but the shapefile of the active fault traces has been widely used by geoscientists and by national and local governments. The new viewer works on the latest Windows OS, with new functions that support data search and multi-windows in dual screens. We also changed the medium of data distribution from DVD to USB in order to increase the data storage capacity and quick access to the data without an internal or external DVD player. The viewer was developed by OYO Co., Ltd.

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