

S045-P001

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Re-examination of the fault plane of the 1994 Hokkaido-Toho-Oki earthquake (Mw8.3) by main-shock and aftershock relocation

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In order to estimate the fault plane of the 1994 Hokkaido-Toho-Oki earthquake (Mw8.3), I re-examined its main-shock and aftershock distribution. The hypocenters are located by using the HYPOMH, and then relocated by using the Double-Difference method to obtain accurate relative locations. The relocated main-shock and aftershock distribution clearly shows that the 1994 event has a low-angle fault plane.