

## Reexamination of space-time pattern of great interplate earthquakes along the south Kurile trench

# Tomoya Harada[1], Katsuhiko Ishibashi[2]

[1] Earth and Planetary Sci,Kobe Univ, [2] RCUSS, Kobe Univ.

We reexamined the space-time pattern of great/large interplate earthquakes along the south Kurile trench by comparing mainshock-aftershock distributions of

1958, 1963 and 1969 great events and 1975, 1976, 1978, 1991 and 1995 large events which we recalculated by Hurokawa's MJHD method. The 1958 great earthquake in E region proved a slab event, and the interplate earthquake here turned out the 1978 Mw 7.6 event, which was the last one during the active period of interplate earthquakes along the south Kurile trench since 1952. The F region where the 1963 great interplate event took place ruptured again in 1991 and 1995 within only 30 years or so, which seems to require reconsideration of recurrence model of large/great interplate earthquakes in subduction zone.