S046-012 Room: C102 Time: May 29 10:15-10:30

The ocean-bottom crustal deformation observation for coming large erathquakes along the nankai trough

Masataka Ando[1], Keiichi Tadokoro[2], Takashi OKUDA[3], Toshiyasu Nagao[4], Kazutoshi Sato[5], Manabu Miyake[6] [1] RCSV, Science, Nagoya Univ., [2] RCVS, Nagoya Univ., [3] SV Center Sci.Nagoya Univ, [4] Earthquake Prediction Res. Center, Tokai Univ., [5] RCEP, DPRI, Kyoto Univ., [6] Graduate School of Environmental Studies, Nagoya Univ

A new observation system of ocean bottom crustal movement was been developed. This is a combined system of the kinematic positioning technique of differential GPS and acoustic ranging technique. This system are going to be adopted to the study of the subduction processes along the Suruga trough and oNankai trough.