

## Source models for the crustal deformation observed from 1996 to 1998 by a dense GPS observation network in and around Ito city

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Since 1994, the Ito dense GPS observation has been carried every year by JUNCO (Japan University Consortium for GPS research) in and around Ito city, Izu Peninsula, Central Japan. In this study, the data obtained by the 1996, 1997 and 1998 observations are analyzed to clarify the horizontal deformation. The deformation observed for the period from the summer of 1996 to the summer of 1997 is characterized by large displacements toward the southwest in the southern part of Ito city and displacements toward the east in the vicinity of Shiofukizaki.