

Misorientation of the SPANET stations

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In order to estimate misorientation of the SPANET stations required by polarization analysis of surface wave, we investigate the strike angles of the long-period P-waves by using the complex polarization filter (Vidale 1986) as applied by Yoshizawa et al. (1999). We use direct P-wave passing through the lower mantle recorded by the SPANET stations in 1998. The estimated averages in degree of the strikes are -10.68 at LBSA, 2.59 at MNHK, -1.51 at NIUE, -1.84 at NRFK, -3.20 at TNGT. However, the data are not much enough for the estimation because of the short period of the observation. Adding the data and modifying the correction values are needed.