

Near Real-Time Seismic Tomography

Kei Katsumata[1], Naoto Wada[1], Minoru Kasahara[1]

[1] ISV, Hokkaido Univ

Dense seismic network was constructed in August 1999 to research the Hidaka Mountain region. The seismic network has a large potential to give an important key to understanding the seismotectonics for the Hidaka Mountain region. We should investigate accurately the hypocenters and the focal mechanisms, the 3-D P- and S-wave velocity structures and the 3-D Qp and Qs structures. In this study we present a preliminary result from the 3-D seismic tomography for P-wave velocity in and around the Hidaka Mountain region.