

Precise Hypocenter determination method for distant earthquakes

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We developed a new precise hypocenter determination method for distant earthquakes.. First we determine hypocenter with data from Matsushiro seismic array system. Next, we improve this hypocenter by foreign P data iteratively. We tested this method using Matsushiro hypocenter data, U.S.G.S NEIC hypocenter data and P time data. As a result, we could improve 60% Matsushiro hypocenter data.