

RSTT Development in Australia

Abstract:

The first Regional Seismic Travel Time (RSTT) model for Australia, based on the Australian Seismological Reference Model (AuSREM), has been developed and evaluated. Travel times computed with the RSTT method are evaluated against travel times computed through the same velocity model in full 3D. Location estimates of 5 ground truth earthquakes using ak135 reference model, the RSTT model and full 3D travel times are compared.