

## Mantle transition zone thickness beneath the China Sea and the Philippine Sea from analysis of multiple-ScS phases II

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We reported the thickness of the mantle transition zone beneath the East and South China Sea, and the western Philippine Sea. The thickness of the mantle transition zone beneath the East and South China Sea we obtained is smaller than that of iasp91 model. On the other hand, the thicknesses beneath the western part of the Philippine Sea is larger. To specify the region whose thickness is larger, we will analyze the records of earthquakes in other regions.