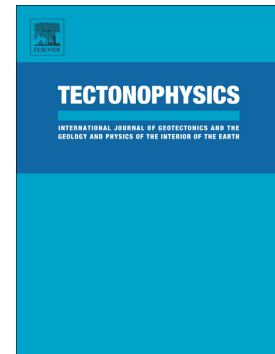


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teleseismic tomography as the result of the Adriatic lithosphere
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Key words: Teleseismic tomography, lithosphere slab, Adriatic microplate, Dinarides,
Pannonian basin, subduction

ABSTRACT

The study area covers the Dinarides and southwestern part of the Pannonian basin as the marginal zone between the Adriatic microplate (African plate) and the Pannonian tectonic segment (Eurasian plate). We created a three-dimensional seismic velocity model to 450 km depth using teleseismic tomography. Our travel-time dataset was collected by means of 40 seismic stations from the ORFEUS database and Croatian Seismological Survey database. A

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