



Evaluation of the Crustal Structure

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Message from the Guest Editor

Determination of the Earth's crustal structure and depth and geometry of the Mohorovičić's discontinuity is a primary task for seismological, geological and geophysical studies, as well as prerequisite for the successful application of many further analyses (e.g., earthquake location, seismic hazard assessment). Over the years seismology and geology have greatly contributed to a better knowledge of the Earth's outer shell structure. Also, examination of crustal geometry, deformation, and evolution, using e.g., seismic studies, field mapping, fracture analysis, petrography, geochemical analysis, allow to discriminate different crustal types and their features, and to define structure heterogeneity (anisotropy and attenuation characterized by coda-Q value and spectral parameter kappa).





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Message from the Editor-in-Chief

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