

2D integrated modeling combining surface heat flow data, gravity data and topography, and its application on the Vrancea geotransect

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Abstract: 2D integrated modeling is a method that combines the interpretation of surface heat flow data, gravity data and topography, and is a powerful tool for the study of the lithospheric deep structure. This method was applied on the Vrancea geotransect in the Eastern Carpathian-Transylvanian-Apuseni-Pannonian region.

Key words: integrated modeling, gravity, heat flow, topography, Vrancea, Eastern Carpathian-Transylvanian-Apuseni-Pannonian region

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