

A study of the geomagnetic secular variation in Europe

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A b s t r a c t: Peculiarities of the secular variation (SV) of the geomagnetic field in Europe in the second half of the 20th century are investigated. The moving SV global focii have been detected, the dynamics of which is associated with the processes in the earth's core. In Central Europe a stationary regional SV anomaly coincides with a large geoelectric inhomogeneity in the upper mantle and is also influenced by magnetic field variations.

Key words: secular variation, regional anomaly, geomagnetic field

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