



Study of the relationship between the tectonic stress and the deformation of the lithosphere in the territory of Poland - a new geodynamics research project

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The main goal of the project is the complex analysis of recent geokinematics and geomechanics of the Earth crust in the territory of Poland. The analysis will be performed using the archive data as well as the new data acquired during the realisation of the project. Combined analysis of GNSS data obtained from the epoch observations at the stations of PSG (Polish Satellite Geodynamic) network and stress measured in the drilling hole will be conducted. The new thermo-mechanic 2D geodynamic model will be determined using the infinite element method.