



## **Research of dynamics of process trappian magmatism Siberia in historical development on the basis of the modern geophysical data**

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Russian and foreign scientists are interested in area of Siberian Traps for a long time. Geodynamic processes are the most interesting aspect which is the cause of magmatic activity in this area. Trap's magmatic activity which attended by huge masses of liquid materials from mantle was the cause of global changes in structure and construction of the Earth Core and lithosphere also had influence on the modern gravity and magnetic field. The main task of this investigation is the study of dynamic processes of Siberia in the historical development based on modern geophysical data. The investigation based on materials: multy scale magnetic (air and land), gravity and seismic data. The newness of this investigation is confined in modern research complex and processing data using actual computer software.