

## **ECOLOGICAL-HYDROGEOLOGICAL ROLE OF TECTONIC FAULTS IN THE SOUTHERN PART OF EAST SIBERIA**

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The practical importance of tectonic ruptures of the Earth crust in a southern part of East Siberia is stipulated not only it's connection with mineral deposits. Rather young, blank by ore mineralization or clastic material and permeable for undergruond waters the faults quite often matter of sources of a water-supply, sources of formation of water influx into outputs on deposits as well as transport path for migration of polluting substances and significant alteration of geochemical background of territories. The researches within moutain territories in Irkutsk area and Trans-Baikal region have shown the connection of hydro-geochemical and hydrodynamic anomalies to rather young ruptures mainly N, NW and NE strikes, which one adjoining or intersecting ancient faults.