

**INVESTIGATION OF FIELDS WITH TECTONIC DISPLACEMENTS IN
DALNEGORSK AND KAVALEROVO ORE DISTRICTS (PRIMORSKY REGION)
FOCUSED ON FORECAST USING REMOTE SENSING TECHNIQUES**

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Quantitative structural characteristics for hydrothermal systems of Dalnegorsk and Kavalerovo ore districts were revealed using interpretation of fracturing fields in satellite images. Relationships between hydrothermal palaeosystem's ore productivity and their structural characteristics were also revealed. Forecast implementations of space images data analysis with neural networks were considered.

Keywords: hydrothermal palaeosystem, forecast for ore mineralization, remote sensing data, neuronet.