

**METHODS OF GEOECOLOGICAL ANALYSIS  
OF THE NATURAL AND TECHNICAL GEOSYSTEMS  
IN THE SOUTH OF THE PRIVOLZHSKAYA HILLS REGION  
(WITHIN THE VOLGOGRAD OBLAST)**

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On the basis of the geoecological and geosystem approaches the methods of geoecological analysis of the oil and gas areas condition in the south of the Privolzhskaya Hills Region as a complicated natural and technical geosystem are suggested. The main principles of the geoecological analysis (natural and economic monitoring and geoecological mapping) are developed. The algorithm of the geoecological analysis is given. Special emphasis is placed on geoecological mapping and the scheme of its realization on the basis of geoinformation technologies.