

**Recreational Potential and Acaridae Stings to  
People in Collective Garden Companies:  
GIS-Technologies Analysis of the Situation**

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**Key words and phrases:** geographical estimation; geographical information systems; acaridae; recreational potential; recreation; collective garden companies.

**Abstract:** The paper deals with the technique of estimation of recreational potential of collective garden companies, as well as the correlation of the obtained results with the number of acaridae stings to people. The research is based on the application of GIS-technologies and methods of mathematical and statistical spatial modeling.