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METHODOLOGICAL APPROACHES TO THE DEVELOPMENT OF SYSTEM FOR MONITORING OF RECLAIMED AREAS

*N.V. Aref'ev, V.A. Martovskii, St. Petersburg State Polytechnical University,
Politekhnikeskaya ul. 29, St. Petersburg, 195251 Russia, E-mail: martovsky2005@rambler.ru*

The statement of problem and the method for creation of a monitoring system of reclaimed areas were described. The system challenges were as follows: to assess the current conditions of the area, to forecast its development, and to formulate proposals in the promising directions of its further use. For the acceleration of data processing and the conveniences of decision-making, the geoinformation system in the environment of MapInfo was used. The method was based on the use of theoretical ecological and geographical models for the indirect estimation of target parameters. The results of approbation were presented, and the prospects of the method for reclaimed systems were specified.

Keywords: energy–waterworks and natural–agrarian complexes, monitoring of reclaimed areas, geographical information system, investment activity.