

# **Evaluation Technique of By-Water Urban Geosystem Condition Based on Graph Analytical Modeling of Ecological Landscape Structure**

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**Key words and phrases:** graph analytical model; modeling; regional conditions of Central Black Earth Region; by-water urban geosystems; evaluation of ecological landscape structure.

**Abstract:** The paper proposes the technique of evaluation of the condition of by-water urban geosystems on the basis of graph analytical model. The cities of the Central Black Earth Region cities are examined; the main ecological landscape model-types of by-water urban systems are revealed.