

DIGITAL CARTOGRAPHY SUPPORT FOR GREEN PLANTS MANAGEMENT OF THE CITY

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The article is devoted to the issues of digital mapping of urban green space objects. The main technogenic factors that have an adverse effect on urban green spaces of various categories are listed. The necessity of using GIS to collect and analyze heterogeneous information about the state of urban green spaces is substantiated. The characteristic of digital landscaping schemes is given – a new type of cartographic products proposed for monitoring and management of urban green spaces. The objects of their thematic content, the circle of users and the practical tasks to be solved are listed. The classification of digital landscaping schemes and a system of specially designed map signs are presented. Fragments of digital landscaping schemes compiled for the experimental work area in Novosibirsk are presented. The conclusion is formulated on the advantages of digital landscaping schemes in comparison with cartographic products of a similar subject.

Key words: urban green spaces, geographic information mapping, digital maps, digital landscaping schemes, classification of maps, system of signs.

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Received 17.09.2019

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