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**APPLICATION OF TECHNOLOGIES FROM
THE GEOGRAPHIC INFORMATION SYSTEMS
IN MANAGEMENT
OF THE "RUSENSKI LOM" NATURE PARK**

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SUMMARY

Modern scientific research in the field of management and preservation of protected areas is aimed at solving problems related to the monitoring, analysis, evaluation and planning of the processes in them. The report examines the application of GIS technologies in the management of the Rusenski Lom Nature Park. Analysis of the available data base allows a detailed study of soils, forests and biodiversity within the Park. Applications of GIS technologies are presented in thematic mapping of protected area and planning of management activities. The importance of geographic information in controlling the use and conservation of natural resources is demonstrated.

Key words: Geographic Information System, Protected Areas Management, Area Distribution, Activity Planning, Thematic Mapping, Monitoring

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