

## REFERENCES

1. Kirvyakova, A.V., Vitko, E.V. Relevance of territorial planning in the formation of a system of protected natural objects of the Stavropol Territory // Bulletin of the Stavropol State University. – 2010. – No. 4. – P. 164-169.
2. Solovyova, E.N., Epova L.A., Desyatova T.V., Alexeenko M.N., Stronskaya A.M., Zhovtyuk P.I., Artemyeva S.Yu., Podlipsky I.I.. Assessment of the impact of municipal waste components and their storage sites on animals and their habitat in the Pribaikalsky National Park // Interdisciplinary Scientific and Applied Journal "Biosphere". – 2024. – No. 3(16). – P. 336-351.
3. Code of Rules SP 502.1325800.2021. "Engineering and environmental surveys for construction. General rules for production work". URL: <https://gostassistant.ru/doc/adb82334-35ce-427c-8a78-28c256b41327> (access date 20.08.2025).
4. Kozlovskaya, O.V., Ilyina, V.N., Galdeeva, O.F., Agakishieva, E.G. Algorithm for the comprehensive study of vegetation cover for engineering and environmental surveys // News of the Tula State University. Natural sciences. – 2024. – No. 1. – P. 86-98. – DOI 10.24412/2071-6176-2024-1-86-98. – EDN XOGQXE.
5. Bykov, B. A. Geobotany. Alma-Ata: Nauka, 1978. 287 p.
6. Vasilevich, V. I. Essays on theoretical phytocenology. L.: Nauka, 1983. 248 p.
7. Rabotnov, T. A. Phytocenology. M. Moscow State University Publishing House, 1992. 352 p.
8. Moyroud, N., Portet, F. Introduction to QGIS // QGIS and generic tools 1. – 2018. – P. 1-17.
9. Kozlovskaya, O.V., Ilyina, V.N. Ecological and floristic zoning of the territory of unauthorized disposal of vinasse in the village of Rozhdestveno // News of the Tula State University. Natural sciences. – 2024. – No. 2. – P. 91-98. – DOI 10.24412/2071-6176-2024-2-91-98. – EDN TFWIFA.
10. Kozlovskaya, O., Ilyina, V., Mitroshenkova, A., Mashchenko, Z., Amosova, A. To the condition of the territory of unauthorised disposal of alcohol production waste // RSE-III-2024. E3S Web of Conferences 539, 010 (2024) <https://doi.org/10.1051/e3sconf/202453901042>.

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