

The Regional Territorial System of Ekological Stability for selected distric (RÚSES)



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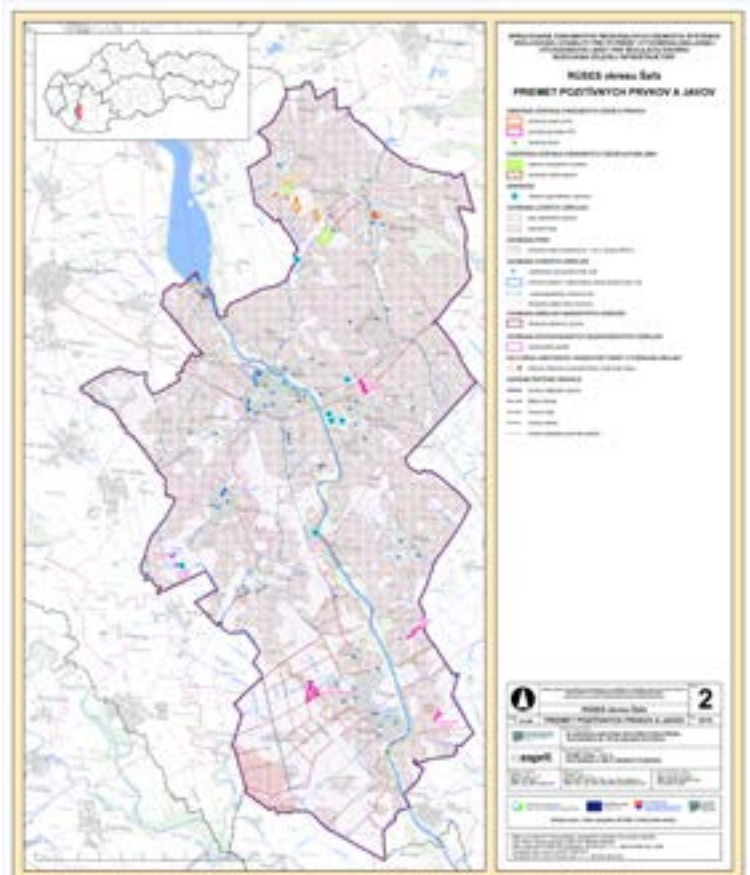
Slovak Environment Agency is a professional organisation of the Ministry of the Environment of the Slovak Republic with nationwide scope, focused on the care of the environment, development of environmental science, application of instruments of environmental policy, ensuring access to information on the environment, environmental informatics, consultancy, information, environmental education and education, landscape care, project management and performance of intermediary activities of the managing authority for the OPŽP and the OPKŽP.

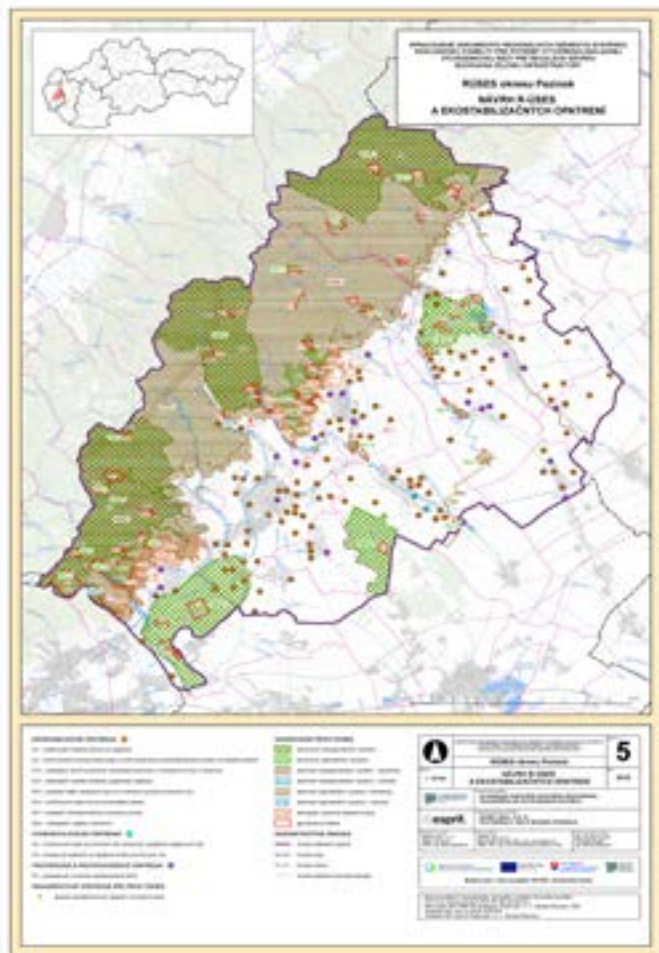
In the framework of the projects Processing of regional documents of the Regional Territorial Systems of Ecological Stability (RÚSES) our company has prepared RÚSES documentation for 50 districts. Each RÚSES documentation represents a separate territory of a district. In addition to the creation of printed maps, the processing also includes processing and submission of the spatial data base for individual districts processed according to the Data Model. The specific objective of this project is to improve the state of conservation of species and habitats as well as the enhancement of biodiversity, especially in within the NATURA 2000 network.

All documents are processed in the environment of geographical information systems in accordance with the unified data model, so that their use in planning and decision-making processes will be considerably more efficient than before. Created by the prerequisite for the integration of the individual spatial data into a single national spatial database in in the sense of the specified data model.

The processing of the RÚSES documents has been carried out under the leadership of our company, a broad team of specialists from several universities, the Slovak Academy of Sciences as well as private sector, which gives a good assumption that a high quality spatial, broadly applicable framework for the protection of diversity conditions and forms of life in individual regions.

IMPLEMENTATION OF THE PROJECT: 2010 -2020





OBJECTIV OF THE DOCUMENT RÚSES:

- assessment of the state of the landscape, analysis of its abiotic and biotic conditions, characteristics of the current landscape structure, assessment of the relationship to the UDP VÚC and the affected municipalities, analysis of socio-economic phenomena, i.e. positive and negative elements and phenomena present and operating in the landscape,
- on the basis of analytical inputs to assess the ecological stability of the landscape, the areal and spatial arrangement of positive and negative elements/phenomena in the landscape, to assess the types of biotopes, the eco-stabilisation significance, the representativeness and uniqueness of landscape elements and the overall assessment of the landscape structure,
- proposal of RÚSES elements, proposal of management measures for existing and proposed RÚSES elements, proposal of measures to increase the ecological stability of the landscape, proposal of RÚSES elements recommended to ensure legislative protection and proposal of regulations for land development plans and land improvement projects.

SUMMARY:

The Regional Territorial System of Ecological Stability (RÚSES) is the basic document of nature and landscape protection in the field of landscape and biodiversity care at the regional level. It results in the design of elements (biocentres, biocorridors, interaction elements) at the regional and supra-regional level and ensuring their functioning, as well as the design of eco-stabilisation measures outside the RÚSES elements. It is one of the basic bases for the elaboration of spatial planning documentation of the region and municipality, it is the basis for the solution of landscape-ecological plans, land use proposals, land modifications, ecological studies and other development documents at the regional and local level.

The RÚSES is a document designed to protect the diversity of conditions and forms of life in a particular region; it is a clear tool for guiding development plans in the landscape and monitoring changes in the use of the landscape and its significant features. It is a document of the regional territorial system of ecological stability within the meaning of Section 54 of Act No 543/2002 Coll. on nature and landscape protection, as amended (hereinafter referred to as 'the Act on nature and landscape protection'), is approved by the competent district authority.

ABOUT ESPRIT spol. s r.o.

Since its foundation in 1992, Esprit has been systematically engaged in research and consultancy activities in the fields of landscape ecology, geography and hydrology.

The company is also at the cutting edge of technology in the design and development of comprehensive GIS solutions, specialised software applications in natural process modelling and geo-statistical spatial modelling.

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