

Milena Moyzeová¹, Dušan Kočický², Zuzana Šiblová³
^{1,3}*Institute of Landscape Ecology Slovak Academy of Sciences Bratislava, Slovakia*
²*Esprit, Banská Štiavnica, Slovakia*

The aim of the proposed green infrastructure and mitigation of the negative effects of its barriers is conservation and support to biodiversity and diversity of Slovakia's landscape and provision for their beneficial effects on the surrounding ecologically less stable parts of the country, support to variants of multifunctional land use with the aim to protect individual components of the environment, conservation of important landscape elements and specification of barriers and mitigation of their negative effect on individual green landscape elements.

Theoretical – Methodical Procedure

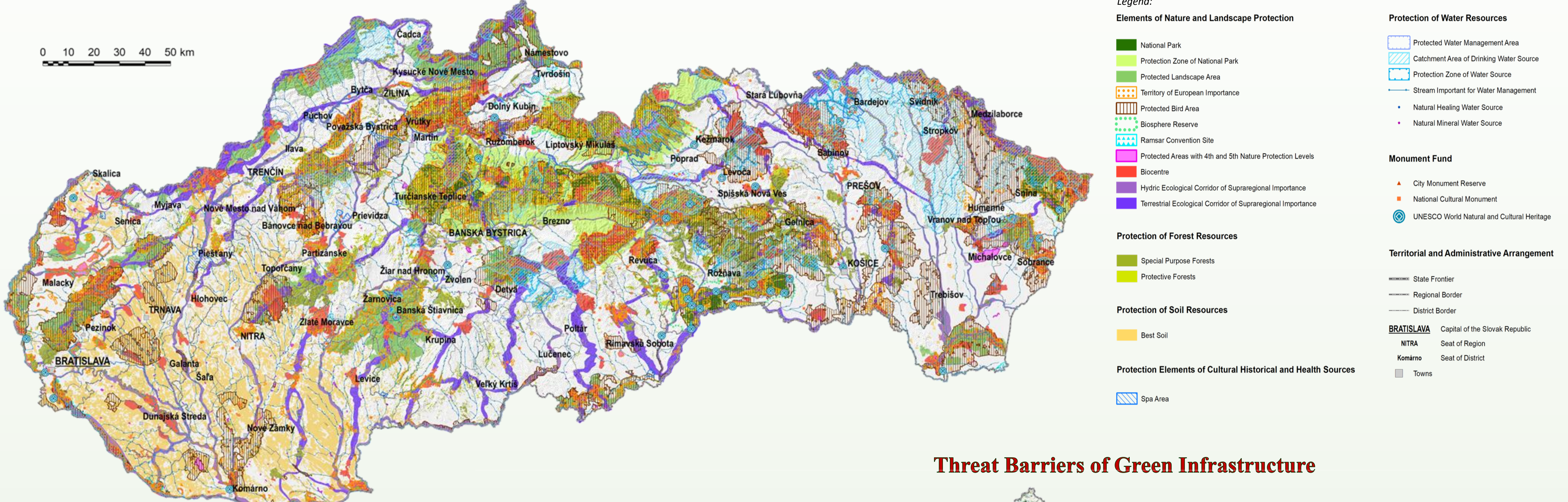
Analysis. The basic characteristic of the landscape-ecological conditions of the territory and characteristic positive and negative socioeconomic elements.

Syntheses and evaluation. Specification of the landscape-ecological and environmental problems on the landscape.

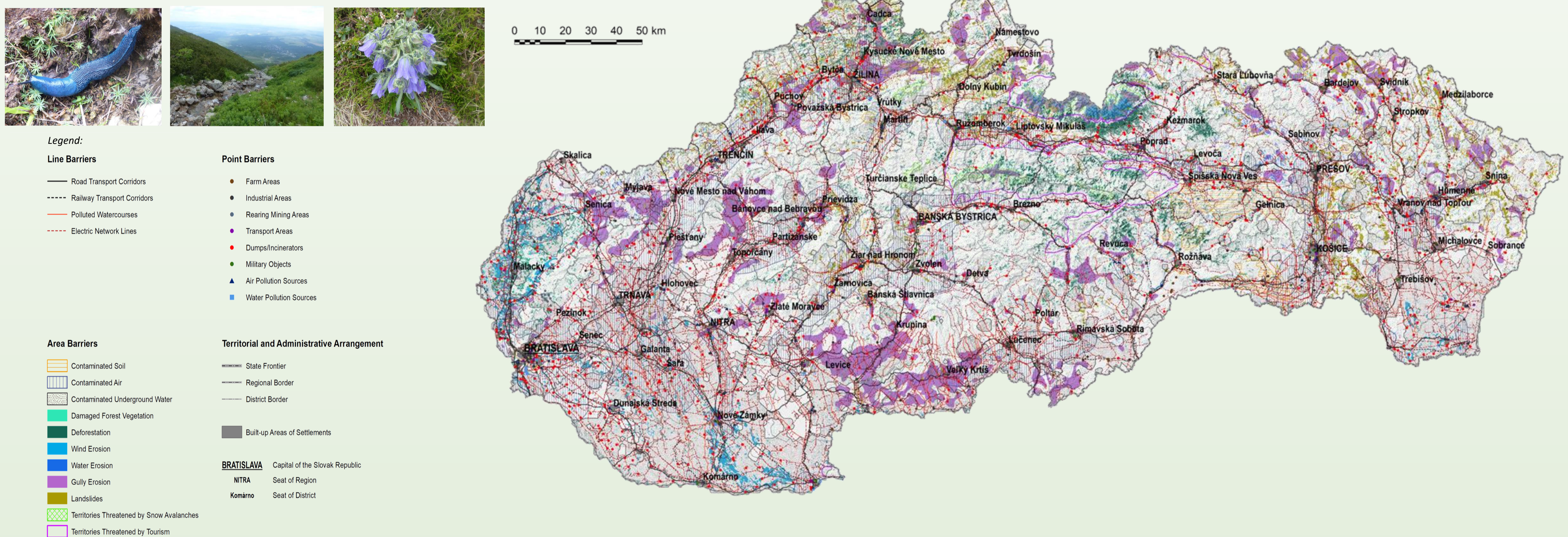
Proposal for the elimination of the specified problems of the landscape. Proposals of the creation of the green infrastructure and managements measures.



Territorial System of Positive Elements and Phenome



Threat Barriers of Green Infrastructure



Green infrastructure as a tool supporting spatial landscape stability and biodiversity has been proposed based on the statistical assessment of landscape elements in individual cadasters of urban and rural settlements of Slovakia. It is also based on the specification of elements and phenomena supporting the existence of green infrastructure or the ones threatening and constituting the threatening barriers to green infrastructure.

Ecological Quality of Districts According to the Utilization Structure of Cadastral Areas of Urban and Rural Settlements

