A framework for the ecological rehabilitation of degraded soilscapes in Eastern Romania

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In the last 20 years, particularly in the Eastern part of Romania, anthropogenic unreasonable and aggressive actions corroborated with soil water erosion, accentuated the processes of environmental degradation and decreased the productive potential of the soilscapes.

This research starts from the practical necessity to increase the functional efficiency of these soilscapes, through the assessment of the risk factors, for diminishing the negative impact of degradation. The target is to develop a Sustainable Management Plan based of a general matrix description of the environmental factors in the Eastern part of Romania, to intervene (in terms of scientific, technological, administrative-economical and managerial aspects) for the ecological rehabilitation of the soilscapes. Thus, the research has an applicative character, establishing the measures for decreasing soil vulnerability to degradation and increasing the soil resilience.