



## Studii privind condițiile ecologice și biodiversitatea fitocenotica a unor tipuri de ecosisteme practice reprezentative din România

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Romania has an important pastoral patrimony, which in the last decade, was submitted to the action of natural and human factors, affecting the functionality of the grassland ecosystem. Like forest ecosystems, structure, nature and functions of grassland ecosystems show stronger and more balanced interrelations between the elements of biotic and abiotic ecological components, than in the case of annual crop agro-ecosystems. The purpose of this work was to elaborate a concept of regional sustainable development, to improve production and quality of grassland ecosystems with minimum effects on environment, on the basis of the minute knowledge of stationary conditions and initial agronomical value. Our aim was an optimum use of fertilizing agents resulting in an improve in yield quality and quantity, without diminishing the floristic biodiversity, in concordance with the world actual research trend on maintaining the biodiversity of permanent grasslands.