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# PEDOLOGICAL QUALITY OF PERMANENT PASTURES IN PRAHOVA COUNTY: AN ANALYSIS BASED ON EXISTING RESEARCH

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**Abstract**: Diverse soil conditions in Prahova County's pastures, revealed through analysis of ten soil units, necessitate tailored management for sustainable productivity.

## Introduction

This poster presents an analysis of the soil quality of permanent pastures in Prahova County, Romania, based on existing soil survey data from Fulga.

#### Material and method

The study analyzed existing soil

### Results and discussions

The study's findings demonstrate a wide range of soil conditions in Prahova County's pastures, impacting their quality and productivity. The presence of both fertile and problematic soils underscores the necessity of sitespecific management strategies. Ultimately, integrating soil science knowledge into land management

survey data from Fulga, Prahova County. Ten distinct soil units were classified using the Romanian Soil Taxonomy System (SRTS 2012), and their morphological, physical, and chemical properties were examined. decisions is crucial for the longterm health and productivity of these pastures.

# • Conclusions

In conclusion, the study of ten soil units highlights the range of soil types present in Prahova County's pastures. To achieve sustainable pasture management, it is essential to consider these diverse soil properties. This knowledge enables the development of

