



## Researches concerning soil resources on the "BRATESUL DE JOS" area in the Lower PRUT Meadow region

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This study has its major objective the soil resource assessment and evaluation and the restrictive factors in the utilization of lands for agricultural purposes. We also analyze the evaluation of land production levels based on evaluation reports for natural conditions.

The land under analysis belongs to the Agricultural Unit „Bratesul de Jos”, situated at the meeting point between the Prut and the Danube and occupying an area of 11,449 ha. This Unit was created by drainage of the former Brates Lake and of its neighboring areas, the geomorphological units being represented by the Brates Lake which was less than 2.5 m in depth and lateral levees from the North-East and South, with altitudes of over 2.5 m. By leveling, all these relief forms (lake bottom, backwaters, stream lands). This paper has been done according to the „Romanian System of Soil Taxonomy” (SRTS 2003) and „Methodology for Pedological Studies Elaboration” (ICPA, 1987).