

Soil Observation and Landscape Change: Field Trip Report

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Abstract

This report presents the results of a soil and landscape observation carried out in the Poznań–Morasko area as part of the ProLand LiLac program. The field study aimed to identify soil types, analyze visible processes of soil formation, and assess landscape transformations and environmental threats. Observations confirmed the presence of Luvisols, Cambisols, Podzols, and Phaeozems, reflecting both natural variability and human impact. The report highlights the importance of soil protection and sustainable land use practices to maintain the ecological balance of local landscapes.

Introduction

On May 27th, a field trip was organized as part of the ProLand LiLac program at the Poznań University of Life Sciences. The excursion, led by Prof. Jakubus and attended by Economics student Milena Szafran and AFET student Mayar Elsharnouby, focused on the study of soil diversity and landscape transformation in the Poznań and Morasko areas. The goal of the trip was to identify different soil types, analyze their physical and chemical features based on visible field profiles, and discuss the environmental processes shaping them. The field activities included soil profile observations, identification of soil horizons, and photographic documentation of characteristic landscapes and vegetation zones.





