Morphology of the Soils in Central Finland

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In August 1994, soil scientists from the Natural Resources Conservation Service (NRCS) and geologists from the Geological Survey of Finland (GSF) undertook a cooperative study. This project was funded by the United States Agency for International Development and is the first joint soil investigation between the NRCS and any Nordic country.

One objective of the project was to determine if the soil morphology of the podzols in Finland is sufficient to classify these soils into the Spodosol soil order using Soil Taxonomy (Soil Survey Staff, 1994). Other objectives were to select a method to quantify the bulk density of organic horizons instead of clod samples and to verify the cryic soil temperature regime of central Finland. The authors present the soil morphology and geologic properties of 10 soil pedons and explain the concerted documentation of the soil properties during the study.

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