

Seminar

„HISTOSOLS IN LITHUANIA: CLASSIFICATION, RESOURCES AND USE“

Histosols are soils that dominantly consist of organic material, formed during swamping and having a peat layer 40 cm or thicker on the surface. In our geographical latitudes, peat forms very slowly: under favorable conditions, a peat layer up to 1 mm thick per year. In Lithuania, peat soils cover about 9.5% of the country's soil cover. They are usually located in small areas, and in some places in larger areas, spread throughout Lithuania. Depending on the botanical composition and decomposition of peat, histosols are classified as high moor soils, transitional moor soils and high moor soils. Agricultural activities are carried out only on drained lowland peatlands, and due to the high mineralization of peat, it is most appropriate to establish meadows or pastures on them.