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Research into the properties of labile organic matter formed during bioremediation in the coal stockpile

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Abstract

The influence of biologically active additives obtained on the basis of peat on recultivation of Kemerovo region soils disturbed by mining by methods of potentiometry, photocolorimetry, infrared spectroscopy and simultaneous thermal analysis is investigated. It is shown that the addition of peat products contributes to the formation of labile organic matter on the surface of degraded soil, which provides accelerated soil-forming process and the creation of sustainable phytocenoses.