

HEAVY METALS IN SOILS IN REGIONS WITH ENVIRONMENTAL LOAD IN MIDDLE SPIŠ

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ABSTRACT

The soil samples from middle Spiš was collected and analyzed for releasable, mobilizable and mobile forms. Contents of heavy metals were judged according to determination MP SR number 531/1994 – 540. Heavy metal contents were increased in comparison with highest admissible concentration (A_1) and in a few samples indication values (B). Mobile fraction for lead was increased with compared copper and zinc in order: $Pb > Zn > Cu$. In case mobilizable forms followed order: $Cu > Zn > Pb$.

Key words: contamination of soils, bioavailable form of heavy metals, cuprum, lead, zinc