

## **Soil and terrain changes as a result of increased erosion and accumulation processes in selected locations**

### **Abstract**

Colluvial soils are formed in areas with increased intensity of soil erosion. Colluvial soils originate as a result of their position in terrain, they are usually found in places where has accumulated erosion material. Very often they are to be found at the around of slopes. Their accumulation horizon is deeper than 25 cm with a great amount of organic carbon buried in it. In my diploma thesis I will attempt to take a closer look at three locations, each having different types of dominant soils. The aim of this diploma thesis is to rebuild the original shape of the terrain before the beginning of the soil erosion process.

**Keywords:** colluvial soil, soil erosion, soil accumulation, land use, digital terrain model (DTM)