

## ORIGINAL SCIENTIFIC PAPERS

- ŠARAPATKA B., BEDNÁŘ M., NETOPIL P.: Multilevel soil degradation analysis focusing on soil erosion as a basis for agrarian landscape optimization ..... 119
- JANÍK R., BUBLINEC E., KUBOV M., KUKLA J., SCHIEBER B.: Sulphate contamination, pH and conductivity of forest soils in two neighbouring mountains with different pollution in Slovakia from 1989 to 2013 ..... 129
- ŠIMANSKÝ V., LUKÁČ M.: Soil structure after 18 years of long-term different tillage systems and fertilisation in Haplic Luvisol ..... 140
- BRYCHTA J., JANEČEK M., WALMSLEY A.: Crop-management factor calculation using weights of spatio-temporal distribution of rainfall erosivity ..... 150
- KRIŠKA M., NĚMCOVÁ M., HYÁNKOVÁ E.: The influence of ammonia on groundwater quality during wastewater irrigation ..... 161
- MŁYŃSKI D., PETROSELLI A., WAŁĘGA A.: Flood frequency analysis by an event-based rainfall-runoff model in selected catchments of southern Poland ..... 170
- FÉR M., KODEŠOVÁ R., GOLOVKO O., SCHMIDTOVÁ Z., KLEMENT A., KOČÁREK M., GRABIC R.: Sorption of atenolol, sulfamethoxazole and carbamazepine onto soil aggregates from the illuvial horizon of the Haplic Luvisol on loess ..... 177