

**INDEX OF VOLUME 7**

## ORIGINAL SCIENTIFIC PAPERS

AKINBILE C.O.: Environmental impact of landfill on groundwater quality and agricultural soils in Nigeria .....	18
ASH C., VACEK O., JAKŠÍK O., TEJNECKÝ V., DRÁBEK O.: Elevated soil copper content in a Bohemian vineyard as a result of fungicide application .....	151
BANASIK K., HEJDUK L.: Long-term changes in runoff from a small agricultural catchment .....	64
BARANČÍKOVÁ G., MAKOVNÍKOVÁ J., SKALSKÝ R., TARASOVIČOVÁ Z., NOVÁKOVÁ M., HALÁS J., GUTTEKOVÁ M., KOCO Š.: Simulation of soil organic carbon changes in Slovak arable land and their environmental aspects .....	45
BOROGHANI M., HAYAVI F., NOOR H.: Affectability of splash erosion by polyacrylamide application and rainfall intensity .....	159
GHOLZOM E.H., GHOLAMI V.: A comparison between natural forests and reforested lands in terms of runoff generation potential and hydrologic response (case study: Kasilian Watershed) .....	166
JANEČEK M., KVĚTOŇ V., KUBÁTOVÁ E., KOBZOVÁ D.: Differentiation and regionalization of rainfall erosivity factor values in the Czech Republic .....	1
KADLEC V., HOLUBÍK O., PROCHÁZKOVÁ E., URBANOVÁ J., TIPPL M.: Soil organic carbon dynamics and its influence on the soil erodibility factor .....	97
KANZARI S., HACHICHA M., BOUHLILA R., BATTLE-SALES J.: Simulation of water and salts dynamics in Bouhajla (Central Tunisia): exceptional rainfall effect .....	36
KIYOTA H., OTSUKA S., YOKOYAMA A., MATSUMOTO S., WADA H., KANAZAWA S.: Effects of highly volatile organochlorine solvents on nitrogen metabolism and microbial counts .....	109
KOVÁŘ P., VAŠŠOVÁ D., JANEČEK M.: Surface runoff simulation to mitigate the impact of soil erosion, case study of Třebšín (Czech Republic) .....	85
MOUSAVI S.F., AMIRI M.J.: Modelling nitrate concentration of groundwater using adaptive neural-based fuzzy inference system .....	73
PENÍŽEK V., ZÁDOROVÁ T.: Soil toposequence under man-planted vegetation in the Krkonoše Mts., Czech Republic .....	138
PIP E., REINISCH A.: Stream water quality associated with a livestock/poultry production operation in Southeastern Manitoba, Canada .....	27
RAHIMY P.: Effects of soil depth spatial variation on runoff simulation, using the Limburg Soil Erosion Model (LISEM), a case study in Faucon catchment, France .....	52
SIDDIQUE M.A.M., AKTAR M.: Heavy metals in salt marsh sediments of Porteresia bed along the Karnafully river coast, Chittagong .....	117
VOTRUBOVÁ J., DOHNAL M., VOGEL T., TESAŘ M.: On parameterization of heat conduction in coupled soil water and heat flow modelling .....	125
WIJITKOSUM S.: Impacts of land use changes on soil erosion in Pa Deng sub-district, adjacent area of Kaeng Krachan National Park, Thailand.....	10