

INDEX OF VOLUME 9

ORIGINAL SCIENTIFIC PAPERS

ANGELOVIČOVÁ L., FAZEKAŠOVÁ D.: Contamination of the soil and water environment by heavy metals in the former mining area of Rudňany (Slovakia)	18
BÁTKOVÁ K., MATULA S., MIHÁLIKOVÁ M., CHALA A.T., MOREIRA BARRADAS J.M., MEKONNEN G.B.: Testing of activated carbon for water and non-volatile LNAPL quantitative determination in porous media under laboratory conditions	161
ČERNOHOUS V., ŠVIHLA V., ŠACH F., KACÁLEK D.: Influence of drainage system maintenance on storm runoff from a reforested, waterlogged mountain catchment	90
ENEV V., POSPÍŠILOVÁ L., KLUČÁKOVÁ M., LIPTAJ T., DOSKOČIL L.: Spectral characterization of selected humic substances	9
GHARAIBEH M.A., ELTAIF N.I.: Impact of water quality, cultivation, and cropping systems on infiltration and physical properties of an arid clay soil	127
HOLUBÍK O., PODRÁZSKÝ V., VOPRAVIL J., KHEL T., REMEŠ J.: Effect of agricultural lands afforestation and tree species composition on the soil reaction, total organic carbon and nitrogen content in the uppermost mineral soil profile	192
HU J., CUI X., DAI J., WANG J., CHEN R., YIN R., LIN X.: Interactive effects of arbuscular mycorrhizae and maize (<i>Zea mays</i> L.) straws on wheat (<i>Triticum aestivum</i> L.) growth and organic carbon storage in a sandy loam soil	119
IWARA A.I.: Evaluation of the variability in runoff and sediment loss in successional fallow vegetation of Southern Nigeria	77
JANKŮ J., KUČEROVÁ D., HOUŠKA J., KOZÁK J., RUBEŠOVÁ A.: The evaluation of degraded land by application of the contingent method	214
KHALEGHI M.R., GHODUSI J., AHMADI H.: Regional analysis using the Geomorphologic Instantaneous Unit Hydrograph (GIUH) method	25
KOUTNÝ L., SKOUPIL J., VESELÝ D.: Physical characteristics affecting the infiltration of high intensity rainfall into a soil profile	104
KOVÁŘ P., PELIKÁN M., HEŘMANOVSKÁ D., VRANA I.: How to reach a compromise solution on technical and non-structural flood control measures	143
LAMAČOVÁ A., HRUŠKA J., KRÁM P., STUHLÍK E., FARDA A., CHUMAN T., FOTTOVÁ D.: Runoff trends analysis and future projections of hydrological patterns in small forested catchments	169
LU H.-Y.: Characterization of extractable metals from the aquifers with arsenic contamination in the Tsengwen Creek, Taiwan	66
MIHÁLIKOVÁ M., MATULA S., DOLEŽAL F.: Application of <i>k</i> -Nearest code to the improvement of class pedotransfer functions and countrywide Field Capacity and Wilting Point maps	1
NAJAFI-GHIRI M.: Effects of zeolite and vermicompost applications on potassium release from calcareous soils	31
PATEL J., PATEL H., BHATT C.: Generalized calibration of the Hargreaves equation for evapotranspiration under different climate conditions	83
SAMEC P., KUČERA A., TUČEK P.: Fluctuations in the properties of forest soils in the Central European highlands (Czech Republic)	201
SEPEHRI S., HEIDARPOUR M., ABEDI-KOUPAI J.: Nitrate removal from aqueous solution using natural zeolite-supported zero-valent iron nanoparticles	224
ŠIMANSKÝ V., BAJČAN D.: Stability of soil aggregates and their ability of carbon sequestration	111
TATARKOVÁ V., HILLER E., HALKO R.: Retention characteristics of acetochlor in soils collected from different depths in relation to soil properties (Žitný ostrov area, SW Slovakia)	58
TESFAHUNEGN G.B., VLEK P.G.L.: Assessing sediment enrichment ratio in Mai-Negus catchment, northern Ethiopia	38
WALEGA A., MICHALEC B.: Characteristics of extreme heavy precipitation events occurring in the area of Cracow (Poland)	182
ZÁDOROVÁ T., ŽÍŽALA D., PENÍŽEK V., ČEJKOVÁ Š.: Relating extent of colluvial soils to topographic derivatives and soil variables in a Luvisol sub-catchment, Central Bohemia, Czech Republic	47
ZAMANIYAN M., FATAHI R., BORROOMAND-NASAB S.: Field performance evaluation of micro irrigation systems in Iran	135
ZEMANOVÁ V., TRAKAL L., OCHECOVÁ P., SZÁKOVÁ J., PAVLÍKOVÁ D.: A model experiment: competitive sorption of Cd, Cu, Pb and Zn by three different soils	97
ŽIGOVÁ A., ŠŤASTNÝ M.: Pedogenesis on volcanic rocks in protected landscape areas in Central and North Bohemia	153