

INDEX OF VOLUME 13

ORIGINAL SCIENTIFIC PAPERS

ARTIKOV H., KOČÁREK M., FRAŇKOVÁ A., ABDRAKHMANOV T., BORŮVKA L., SHARIPOV U.: Residues of organochlorine pesticides in irrigated sierzem-meadow soils around buried chemicals stock	108
BRYCHTA J., JANEČEK M., WALMSLEY A.: Crop-management factor calculation using weights of spatio-temporal distribution of rainfall erosivity	150
FEDOROVA D., KOVÁŘ P., GREGAR J., JELÍNKOVÁ A., NOVOTNÁ J.: The use of Snyder synthetic hydrograph for simulation of overland flow in small ungauged and gauged catchments	185
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
GOUGOULIAS N., PAPAPOLYMEROU G., KARAYANNIS V., SPILIOTIS X., CHOULIARAS N.: Effects of manure enriched with algae <i>Chlorella vulgaris</i> on soil chemical properties	51
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
KISIC I., BOGUNOVIC I., ZGORELEC Z., BILANDZIJA D.: Effects of soil erosion by water under different tillage treatments on distribution of soil chemical parameters	36
KOVÁŘ P., FEDOROVA D., BAČINOVÁ H.: Implementation of the curve number method and the KINFIL model in the Smeda Catchment to mitigate overland flow with the use of terraces	98
KRIŠKA M., NĚMCOVÁ M., HYÁNKOVÁ E.: The influence of ammonia on groundwater quality during wastewater irrigation	161
KUANG S., SU Y., ZHANG J., SONG Z., WANG H., YU W.: Distribution and sources of polycyclic aromatic hydrocarbons in soils from Shengli Oil Field, China	74
MŁYŃSKI D., PETROSELLI A., WAŁĘGA A.: Flood frequency analysis by an event-based rainfall-runoff model in selected catchments of southern Poland	170
MOKARRAM M., NAJAFI-GHIRI M., ZAREI A.R.: Using self-organizing maps for determination of soil fertility (case study: Shiraz plain)	11
MORADI G., MEHDINEJADIANI B.: Modelling solute transport in homogeneous and heterogeneous porous media using spatial fractional advection-dispersion equation	18
PAVLŮ L., MÜHLHANSELOVÁ M.: Differences in humic acids structure of various soil types studied by DRIFT spectroscopy	29
PELÍŠEK I.: Investigation of soil water infiltration at a scale of individual earthworm channels	1
PETRŮ J., KALIBOVÁ J.: Measurement and computation of kinetic energy of simulated rainfall in comparison with natural rainfall	226
SALKOVIĆ E., DJUROVIĆ I., KNEŽEVIĆ M., POPOVIĆ-BUGARIN V., TOPALOVIĆ A.: Digitization and mapping of national legacy soil data of Montenegro	83
ŠARAPATKA B., BEDNÁŘ M., NETOPIĽ P.: Multilevel soil degradation analysis focusing on soil erosion as a basis for agrarian landscape optimization	119
ŠIMANSKÝ V., LUKÁČ M.: Soil structure after 18 years of long-term different tillage systems and fertilisation in Haplic Luvisol	140

TOBIAŠOVÁ E., BARANČÍKOVÁ G., GÖMÖRYOVÁ E., DĚBSKA B., BANACH-SZOTT M.: Humus substances and soil aggregates in the soils with different texture	44
TOBIAŠOVÁ E., BARANČÍKOVÁ G., GÖMÖRYOVÁ E., KOCO Š., HALÁS J., DĚBSKA B., BANACH-SZOTT M.: The proportion of soil aggregates in dependence on the fraction composition of humic substances	193
VLČEK V., POSPÍŠILOVÁ L., UHLÍK P.: Mineralogy and chemical composition of Cryosols and Andosols in Antarctica	61
VRTIŠKA J., KŘEČEK J., TOGNETTI R.: Indication of environmental changes in mountain catchments by dendroclimatology	208
WAN X., YANG J., SONG W.: Pollution status of agricultural land in China: impact of land use and geographical position	234
WIJITKOSUM S.: Fuzzy AHP for drought risk assessment in Lam Ta Kong watershed, the north-eastern region of Thailand	218
ZAREIAN G., FARPOOR M.H., HEJAZI-MEHRIZI M., JAFARI A.: Kinetics of non-exchangeable potassium release in selected soil orders of southern Iran	200
ZHANG Q., WANG J., WU F.: Spatial heterogeneity of surface roughness on tilled loess slopes in erosion stages	90
SHORT COMMUNICATIONS	
QIU Y., XIE Z., WANG Y.: Influence of gravel mulch on rainfall interception under simulated rainfall	115