

INDEX OF VOLUME 11

ORIGINAL SCIENTIFIC PAPERS

ADDIS H., KLIK A., OWEIS T., STROHMEIER S.: Linking selected soil properties to land use and hillslope – A watershed case study in the Ethiopian Highlands	163
AKINBILE C.O., ERAZUA A.E., BABALOLA T.E., AJIBADE F.O.: Environmental implications of animal wastes pollution on agricultural soil and water quality	172
BÁČOVÁ M., KRÁSA J.: Application of historical and recent aerial imagery in monitoring water erosion occurrences in Czech highlands	267
BÍLÁ P., ŠARAPATKA B., ČÁP L.: The influence of type and dosage of exogenous organic matter on chosen biochemical soil properties	220
BURZYŇSKA I.: Losses of soluble forms of organic carbon in relation to different agro-technical treatment of meadows	228
CUCCI G., LACOLLA G., MASTRO M.A., CARANFA G.: Leaching effect of rainfall on soil under four-year saline water irrigation	181
CZIRBUS N., NYILAS T., RAUCSIK B., HETÉNYI M.: Investigation of the effect of soil mineral composition on soil organic matter stability	147
DI BELLA C.E., STRIKER G.G., LORETI J., COSENTINO D.J., GRIMOLDI A.A.: Soil water regime of grassland communities along subtle topographic gradient in the Flooding Pampa (Argentina)	90
FILIPOVIC D., KOVACEV I., COPEC K., FABIJANIC G., KOSUTIC S., HUSNIAK S.: Effects of tractor bias-ply tyre inflation pressure on stress distribution in silty loam soil	190
HORÁK J., HEJCMAN M.: Contamination characteristics of the confluence of polluted and unpolluted rivers – range and spatial distribution of contaminants of a significant mining centre (Kutná Hora, Czech Republic)	235
HUANG H., HAN Y., SONG J., ZHANG Z., XIAO H.: Impacts of climate change on water requirements of winter wheat over 59 years in the Huang-Huai-Hai Plain	11
JAKŠÍK O., KODEŠOVÁ R., KAPÍČKA A., KLEMENT A., FÉR M., NIKODEM A.: Using magnetic susceptibility mapping for assessing soil degradation due to water erosion	105
JANKŮ J., JAKŠÍK O., KOZÁK J., MARHOUL A.M.: Estimation of land loss in the Czech Republic in the near future	155
JANKŮ J., SEKÁČ P., BARÁKOVÁ J., KOZÁK J.: Land use analysis in terms of farmland protection in the Czech Republic	20
JAROSIEWICZ A., WÍTEK Z.: Is the atmosphere an important source of phosphorus in northern Poland?	139
KACHI N., KACHI S., BOUSNOUBRA H.: Effects of irrigated agriculture on water and soil quality (case perimeter Guelma, Algeria)	97
KIMURA A.C., SCOTTI M.R.: Soil aggregation and arbuscular mycorrhizal fungi as indicators of slope rehabilitation in the São Francisco River basin (Brazil)	114
KOČÁREK M., ARTIKOV H., VOŘÍŠEK K., BORŮVKA L.: Pendimethalin degradation in soil and its interaction with soil microorganisms	213
KOŘÍNEK J., NEKARDOVÁ O., KOVÁŘ P.: The influence of woven geotextiles on ponding time and overland flow	244
LEPEŠKA T.: The impact of impervious surfaces on ecohydrology and health in urban ecosystems of Banská Bystrica (Slovakia)	29
LI C., GAO S., ZHANG J., ZHAO L., WANG L.: Moisture effect on soil humus characteristics in a laboratory incubation experiment	37

MAKOVNÍKOVÁ J., KOBZA J., PÁLKA B., MALIŠ J., KANIANSKA R., KIZEKOVÁ M.: An approach to mapping the potential of cultural agroecosystem services	44
MAZLOOMI S., NASSERI S., NABIZADEH R., YAGHMAEIAN K., ALIMOHAMMADI K., NAZMARA S., MAHVI A.H.: Remediation of fuel oil contaminated soils by activated persulfate in the presence of MnO ₂	131
NOLZ R., LOISKANDL W., KAMMERER G., HIMMELBAUER M.L.: Survey of soil water distribution in a vineyard and implications for subsurface drip irrigation control	250
PELIKÁN P., KOUTNÝ L.: Hindcast of wind driven wave heights in water reservoirs	205
PÉREZ-SÁNCHEZ J., SENENT-APARICIO J.: Estimating rainfall erosivity in semiarid regions. Comparison of expressions and parameters using data from the Guadalentín Basin (SE Spain)	75
ROSENDORF P., VYSKOČ P., PRCHALOVÁ H., FIALA D.: Estimated contribution of selected non-point pollution sources to the phosphorus and nitrogen loads in water bodies of the Vltava river basin	196
SALEH M.E., EL-REFAEY A.A., MAHMOUD A.H.: Effectiveness of sunflower seed husk biochar for removing copper ions from wastewater: a comparative study	53
TOBIAŠOVÁ E., BARANČÍKOVÁ G., GÖMÖRYOVÁ E., MAKOVNÍKOVÁ J., SKALSKÝ R., HALAS J., KOCO Š., TARASOVIČOVÁ Z., TAKÁČ J., ŠPAŇO M.: Labile forms of carbon and soil aggregates	259
WALEGA A., KSIĄZEK L.: Influence of rainfall data on the uncertainty of flood simulation	277
WANG J., BAI Z., YANG P.: Using HYDRUS to simulate the dynamic changes of Ca ²⁺ and Na ⁺ in sodic soils reclaimed by gypsum	1
WU J., ZHAO L., WU F., LI Z.: The role of surface microreliefs in influencing splash erosion: A laboratory study	83
YAN L., LI H., ZHANG J., ZHANG Z., ZHU P., GAO Q., LU W.: Response of organic nitrogen in Black Soil to long-term different fertilization and tillage practices in Northeast China	124
ZHANG S., YANG X., LOVDAHL L.: Soil management practice effect on water balance of a dryland soil during fallow period on the Loess Plateau of China	64