

INDEX OF VOLUME 20

ORIGINAL SCIENTIFIC PAPERS

BALONTAYOVÁ E., HREŠKO J., PETLUŠOVÁ V., PETLUŠ P., DĘBSKA B., LOŠÁK T.: Parameters of labile organic carbon as the indicators of the stability of soil organic matter under different land use	52
BOUCHAMA O., LOUNES A.: Monitoring surface water pollution in Algeria using database indices	43
CHEN W.K., XIONG L., WU Q.Q., HEDĚNEC P., PENG Y., ZHAO Z.M., YUAN C.X., YUAN J., NI X.Y., WU F.Z., YUE K.: Annual dynamics of plant litter calcium and magnesium stocks in a subtropical forest headwater stream	164
DEMIRKAYA S., GÜLSER C.: Biochar innovations for sustainable agriculture: Acidification and zinc enrichment strategies to improve calcareous soil fertility and wheat yield	105
DOHNAL M., VOTRUBOVÁ J., MAZÚCHOVÁ R., TESAŘ M.: The role of ground heat flux in estimating evapotranspiration by the Penman-Monteith method on mountain meadow	265
HAMERNÍKOVÁ A.J., DLAPA P., IHNAČÁKOVÁ S., CERDÀ A., KANKA R., HALADA L.: Soil-water characteristic curves and related properties of disturbed forest soils	143
HORÁK I., LITZMAN M., MARADA P., LACINA L., DUMBROVSKÝ M., VAVŘINA J., POCHOP M.: Economic evaluation of conservation grassland as a measure to control soil erosion in the Czech Republic	274
KAPIČKA J., KOLBABOVÁ V., BAUER M., DOSTÁL T., KAVKA P., KRÁSA J., ACHASOVA A.: Determination of soil loss on agricultural land based on field measurements in the Czech Republic	253
KUMAR J., KALITA H., ALONE R.A., SINHA N.K., RANI A., KUMAR D., LENKA N.K., BHATT R., YASSIN M.A., MATTAR M.A., ATTILA F., SALEM A., ORBAN Z.: Multivariate assessment of soil quality across different land use types in the hilly terrain of the subtropics of India	178
MARHOUL A.M., HERZA T., KOZÁK J., JANKŮ J., JEHLIČKA J., BORŮVKA L., NĚMEČEK K., JETMAR M., POLÁK P.: New version of PUGIS – Soil information system of the Czech Republic	1
MARHOUL A.M., HERZA T., KOZÁK J., JANKŮ J., JEHLIČKA J., BORŮVKA L., NĚMEČEK K., JETMAR M., POLÁK P.: Approximation of the soil particle-size distribution curve using a NURBS curve	16
MAULANA E., SARTOHADI J., SETIAWAN M.A.: Understanding gully erosion development through a geomorphological approach	84
MIHÁLIKOVÁ M., BÁŤKOVÁ K., DVOŘÁK P., KARA R.S., ALMAZ C., KRÁL M., BADALÍKOVÁ B., HEJÁTKOVÁ K., MAŠÁN V., BURG P., PLÍVA P.: Effect of surface-applied compost on soil properties	71
OPPONG SARKODIE V.Y., VAŠÁT R., NĚMEČEK K., ŠRÁMEK V., FADRHOŇSOVÁ V., NEUDERTOVÁ HELLEBRANDOVÁ K., BORŮVKA L.: Assessment of multivariate associations and spatial variability of forest soil properties and their stand factors in the Czech Republic	32
PENG Y.X., SHI W.Y., ZHAO N.N.: The impact of periodic waterlogging on biochemical characteristics and mineralization of soil organic carbon in straw-return farmland	131
SETIAWAN M.A., WINASTUTI R., HAYAT D.M., PUTRA B.K.D., MARDIATNO D., CHRISTANTO N., MEILINARTI, NGURAH I.: Contribution to the understanding of sediment transport during extreme flood event in Wei Laing watershed, East Nusa Tenggara, Indonesia	119
ŠTROS V., KINCL D., KABELKA D., VOPRAVIL J.: Rainfall induced changes in soil moisture: A comparative study of conventional and strip tillage	234
TAS I., KUZUCU F.C.: Alternative solution for determining the irrigation water quantity: ET_{Gauge}	219

TIAN Z., DENG H.T., ZHANG S.P., XU Q.X., JIN X.: Fractal parameters of soil particle size distribution in karst area, and implications of soil water repellency by plantations	93
ŮRGE V., FORMÁNEK P., VOPRAVIL J.: Possibilities of agricultural soils evaluation in the Czech Republic	243
VOPRAVIL J., FORMÁNEK P., HOLUBÍK O., SVOBODA P., KHEL T.: Effects of variable rate fertiliser application on selected macronutrients leaching from the ploughed layer	206
WANG Z.J., ZHANG Y., ZHANG D.H., ZHANG S.H., ZHAO H.X., LIU Z., LI G., NING T.Y.: Organic fertilizer and microbial agents increase soil quality and maize yield on coastal saline-alkali land	153
ZHANG M., DUAN C.D., WANG X.F.: Comparison of the cadmium and lead removal from three soils by electrokinetic remediation	195
CORRIGENDUM	
POSPÍŠILOVÁ L., PLISKOVÁ J., JAQUES V.A.J., ZIKMUND T., SEDLÁK L., EICHMEIER A., KLEMENT A., KODEŠOVÁ R., BORŮVKA L., KAISER J., MENŠÍK L.: Computed tomographic visualisation and 2D/3D microscopic evaluation of soil macro- and micromorphology	69