

INDEX OF VOLUME 16

REVIEW

SPASIĆ M., BORŮVKA L., VACEK O., DRÁBEK O., TEJNECKÝ V.: Pedogenesis problems on reclaimed coal mining sites	137
SUN B., REN F., DING W., ZHANG G., HUANG J., LI J., ZHANG L.: Effects of freeze-thaw on soil properties and water erosion	205

ORIGINAL SCIENTIFIC PAPERS

BÉNI Á., JUHÁSZ E., RAGÁN P., RÁTONYI T., VÁRBÍRÓ G., FEKETE I.: Development of soil organic matter measurement system	174
BOUGUERRA S., JEBARI S., TARHOUNI J.: Spatiotemporal analysis of landscape patterns and its effect on soil loss in the Rmel river basin, Tunisia	39
BRIDHIKITTI A., PRABAMROONG T., LIU G., YU G.-A.: Best management practices for mitigating agricultural nutrient pollution in the Mun River Basin, Thailand	121
CHAVARIN-PINEDA Y., REYNOSO E.C., TORRES E., CRUZ-FLORES G., TENORIO-ARVIDE MA.G., LINARES-FLEITES G., VALERA-PÉREZ M.A.: Soil quality in volcanic soils in a forest biosphere reserve in Mexico	217
ÇOMAKLI E., TURGUT B.: Determining the effects of the forest stand age on the soil quality index in afforested areas: A case study in the Palandöken Mountains	237
CZINKOTA I., FILEP T., RÉTHÁTI G., TOLNER L., GULYÁS M., SEBŐK A., DÁLNOKI B.: Derivation and application of a generalised exchange-adsorption isotherm for the adsorption of hydrophobic compounds on soils	67
HOLUBÍK O., VANĚK A., MIHALJEVIČ M., VEJVODOVÁ K.: Thallium uptake/tolerance in a model (hyper)accumulating plant: Effect of extreme contaminant loads	129
KINCL D., KABELKA D., VOPRAVIL J., HEŘMANOVSKÁ D.: Estimating the curve number for conventional and soil conservation technologies using a rainfall simulator	95
LEE M.H., HSU I.P.: Estimation of the annual rainfall erosivity index based on hourly rainfall data in a tropical region	74
MENDES M.P., MATIAS M., GOMES R.C., FALCÃO A.P.: Delimitation of low topsoil moisture content areas in a vineyard using remote sensing imagery (Sentinel-1 and Sentinel-2) in a Mediterranean-climate region	85
POLYAKOV V., KOZLOV A., SULEYMANOV A., ABAKUMOV E.: Soil pollution status of urban soils in St. Petersburg city, North-west of Russia	164
QIU Y., WANG X., XIE Z., WANG Y.: Effects of gravel-sand mulch on the runoff, erosion, and nutrient losses in the Loess Plateau of north-western China under simulated rainfall	22
SANGEETHA R., AMBUJAM N.K.: The overshadow of the human evolvement process in the dynamics of soil drift of an agricultural watershed in Nilgiri Hills, India	103
TIMOFEEVA Y., PURTOVA L., EMELYANOV A., BURDUKOVSKII M., KISELEVA I., SIDORENKO M.: Contents, distribution, and fractionation of soil organic carbon and trace elements in soils under a green manure application	50
VEJVODOVÁ K., DRÁBEK O., ASH C., TEJNECKÝ V., NĚMEČEK K., BORŮVKA L.: Effect of clay on the fractions of potentially toxic elements in contaminated soil	1
VONA V., TÓTH E.A., CENTERI Cs., GICZI Zs., BIRÓ Zs., JAKAB G., MILICS G., KULMÁNY I.M., KALOCSAI R., KOVÁCS A.J.: The effect of soil physicochemical characteristics on zinc analysis methods	180
VOPRAVIL J., FORMÁNEK P., JANKŮ J., HOLUBÍK O., KHEL T.: Early changes in soil organic carbon following afforestation of former agricultural land	228

VOPRAVIL J., FORMÁNEK P., JANKŮ J., KHEL T.: Soil water dynamics in drained and undrained meadows	256
VOPRAVIL J., FORMÁNEK P., KHEL T.: Comparison of the physical properties of soils belonging to different reference soil groups	29
WANG Q., LIU X., LI J., YANG X., GUO Z.: Straw application and soil organic carbon change: A meta-analysis	112
WU X., MENG Z., DANG X., WANG J.: Effects of rock fragments on the water infiltration and hydraulic conductivity in the soils of the desert steppes of Inner Mongolia, China	151
YANG X., ZHANG C., GU H., CHEN X., GUO E.: Organic acids promote phosphorus release from Mollisols with different organic matter contents	59
YU D., HU F., ZHANG K., LIU L., LI D.: Available water capacity and organic carbon storage profiles in soils developed from dark brown soil to boggy soil in Changbai Mountains, China	11
ZEINELDIN F.I., AL-MOLHIM Y.: Polymer and deficit irrigation influence on water use efficiency and yield of muskmelon under surface and subsurface drip irrigation	191
ZHENG F., ZHU H., HOU H.: Insights into the development of electrokinetic remediation technology: A bibliometric analysis	250