

VOLUME 98, NOVEMBER 2012

CONTENTS

Modeling the contribution of ephemeral gully erosion under different soil managements: A case study in an olive orchard microcatchment using the AnnAGNPS model E.V. Taguas, Y. Yuan, R.L. Bingner and J.A. Gómez	1
Holocene geomorphic processes and landscape evolution in the lower reaches of the Orkhon River (northern Mongolia) F. Lehmkuhl, D. Hülle and M. Knippertz	17
Flow–sediment relationship as functions of spatial and temporal scales in hilly areas of the Chinese Loess Plateau M. Zheng, J. Yang, D. Qi, L. Sun and Q. Cai	29
Catastrophic soil erosion in Iceland: Impact of long-term climate change, compounded natural disturbances and human driven land-use changes S. Greipsson	41
Vegetation and land-use effects on soil properties and water infiltration of Andisols in Tenerife (Canary Islands, Spain) J. Neris, C. Jiménez, J. Fuentes, G. Morillas and M. Tejedor	55
A rainfall simulator for laboratory-scale assessment of rainfall-runoff-sediment transport processes over a two-dimensional flume H. Aksoy, N.E. Unal, S. Cokgor, A. Gedikli, J. Yoon, K. Koca, S.B. Inci and E. Eris	63
Sources identification of heavy metals in urban topsoil from inside the Xi'an Second Ringroad, NW China using multivariate statistical methods X. Chen, X. Lu and G. Yang	73
Effects of wild boar (<i>Sus scrofa</i>) grazing on soil properties in Mediterranean environment C. Macci, S. Doni, G. Bondi, D. Davini, G. Masciandaro and A. Pistoia	79
Erosion of organic matter from sandy soils: Solving the mass balance N.J. Kuhn and E.K. Armstrong	87
Spatial distribution of phosphorus in marsh soils of a typical land/inland water ecotone along a hydrological gradient R. Xiao, J. Bai, H. Gao, L. Huang and W. Deng	96
Short-term soil moisture response to low-tech erosion control structures in a semiarid rangeland M.H. Nichols, K. McReynolds and C. Reed	104
The indirect impact of encroaching trees on gully extension: A 64 year study in a sub-humid grassland of South Africa S. Grellier, J. Kemp, J.-L. Janeau, N. Florsch, D. Ward, S. Barot, P. Podwojewski, S. Lorentz and C. Valentin	110