

Main factors controlling microbial community structure and function after reclamation of a tailing pond with aided phytostabilization R. Zornoza, J.A. Acosta, S. Martínez-Martínez, A. Faz and E. Bååth	11
Assessing the carbon compositions and sources of mangrove peat in a tropical mangrove forest on Pohnpei Island, Federated States of Micronesia K. Ono, S. Hiradate, S. Morita, M. Hiraide, Y. Hirata, K. Fujimoto, R. Tabuchi and S. Lihpai	11
Detachment of soil organic carbon by rainfall splash: Experimental assessment on three agricultural soils of Spain S. Beguería, M. Angulo-Martínez, L. Gaspar and A. Navas	21
Does water repellency of pyrochars and hydrochars counter their positive effects on soil hydraulic properties? N. Eibisch, W. Durner, M. Bechtold, R. Fuß, R. Mikutta, S.K. Woche and M. Helfrich	31
Abundance and composition of free and aggregate-occluded carbohydrates and lignin in two forest soils as affected by wildfires of different severity G. Mastrolonardo, C. Rumpel, C. Forte, S.H. Doerr and G. Certini	40
Biodegradable dissolved organic carbon in urban and remnant soils in south-central Texas, USA D.M. Cioce and J.A. Aitkenhead-Peterson	52
Interactive effects of biochar ageing in soils related to feedstock, pyrolysis temperature, and historic charcoal production J. Heitkötter and B. Marschner	56
Modelling and mapping organic carbon content of topsoils in an Atlantic area of southwestern Europe (Galicia, NW-Spain) L. Rodríguez-Lado and A. Martínez-Cortizas	65
Patterns and controls of anaerobic soil respiration and methanogenesis following extreme restoration of calcareous subtropical wetlands C.A. Medvedeff, K.S. Inglett and P.W. Inglett	74
Field capacity water as influenced by Na and EC: Implications for subsurface drainage Y. He, T. DeSutter, F. Casey, D. Clay, D. Franzen and D. Steele	83
Changes in microbial community structure and functioning of a semiarid soil due to the use of anaerobic digestate derived composts and rosemary plants A. Barra Caracciolo, M.A. Bustamante, I. Nogues, M. Di Lenola, M.L. Luprano and P. Grenni	89
Fractal dimension of soil fragment mass-size distribution: A critical analysis B. Ghanbarian and H. Daigle	98
Distribution of soil taxa in Antarctica: A preliminary analysis J.G. Bockheim, A.V. Lupachev, H.-P. Blume, M. Bölter, F.N.B. Simas and M. McLeod	104
Reflectance measurements of soils in the laboratory: Standards and protocols E. Ben Dor, C. Ong and I.C. Lau	112