



ELSEVIER

VOLUME 129, JUNE 2015

CATENA

CONTENTS

Runoff and soil loss from <i>Pinus massoniana</i> forest in southern China after simulated rainfall L. Cao, Y. Liang, Y. Wang and H. Lu	1
Assessing the sources of sediment transported in gully systems using a fingerprinting approach: An example from South-east China J. Lin, Y. Huang, M.-k. Wang, F. Jiang, X. Zhang and H. Ge	9
Post-agrogenic development of vegetation, soils, and carbon stocks under self-restoration in different climatic zones of European Russia O. Kalinina, S.V. Goryachkin, D.I. Lyuri and L. Giani	18
Geochemical normalization and assessment of heavy metals (Cu, Pb, Zn, and Ni) in sediments from the Huaihe River, Anhui, China J. Wang, G. Liu, L. Lu, J. Zhang and H. Liu	30
A comparison of soil properties observed in farmed, restored and natural closed depressions on the Des Moines Lobe of Iowa M.T. Streeter and K.E. Schilling	39
Elevation modelling and palaeo-environmental interpretation in the Siwa area (Egypt): Application of SAR interferometry and radargrammetry to COSMO-SkyMed imagery R. Salvini, L. Carmignani, M. Francioni and P. Casazza	46
Soil moisture dynamics of typical ecosystems in response to precipitation: A monitoring-based analysis of hydrological service in the Qilian Mountains F. Sun, Y. Lü, J. Wang, J. Hu and B. Fu	63
Assessment of surface water irrigation potential in the Ethiopian highlands: The Lake Tana Basin A.W. Worqlul, A.S. Collick, D.G. Rossiter, S. Langan and T.S. Steenhuis	76
Vertic features in a soil catena developed on Eocene marls in the Inner Depression of the Central Spanish Pyrenees D. Badía, D. Orús, J.R. Doz, J. Casanova, R.M. Poch and M.T. García-González	86
The effect of soil stoniness on the estimation of water retention properties of soils: A case study from central France M. Tetegan, A.C. Richer de Forges, B. Verbeque, B. Nicoulaud, C. Desbourdes, A. Bouthier, D. Arrouays and I. Cousin	95
Identifying soil redistribution patterns by magnetic susceptibility on the black soil farmland in Northeast China L. Liu, K. Zhang, Z. Zhang and Q. Qiu	103