

CONTENTS

Impact of Land Use Change on Erosion Risk: An Integrated Remote Sensing, Geographic Information System and Modeling Methodology M. Leh, S. Bajwa and I. Chaubey	409
Landsat Images Reveal Trends in the Aeolian Desertification in a Source Area for Sand and Dust Storms in China's Alashan Plateau (1975–2007) T. Wang, C. Z. Yan, X. Song and S. Li	422
Appraisal of Soil Erosion Risk in the Eastern Himalayan Region of India for Soil Conservation Planning D. Mandal and V. N. Sharda	430
Characterisation of Productivity Limitation of Salt-Affected Lands in Different Climatic Regions of Europe Using Remote Sensing Derived Productivity Indicators E. Ivits, M. Cherlet, T. Tóth, K. E. Lewińska and G. Tóth	438
Effect of Sandy Sediments Produced by the Mechanical Control of Sand Deposition on the Thermal Regime of Underlying Permafrost along the Qinghai-Tibet Railway S. Xie, J. Qu, R. Zu, K. Zhang, Q. Han and Q. Niu	453
Making Land Management More Sustainable: Experience Implementing a New Methodological Framework in Botswana J. Perkins, M. Reed, L. Akanyang, J. Athlopheng, R. Chanda, L. Magole, W. Mphinyane, K. Mulale, R. Sebegu, L. Fleskens, B. Irvine and M. Kirkby	463
Soil Degradation and Altered Flood Risk as a Consequence of Deforestation M. J. de la Paix, L. Lanhai, C. Xi, S. Ahmed and A. Varenyam	478
Land Sensitivity to Desertification in the Dominican Republic: An Adaptation of the ESA Methodology M. Izzo, N. Araujo, P. P. C. Aucelli, A. Maratea and A. Sánchez	486
Soil Erosion, Conservation, and Eco-Environment Changes in the Loess Plateau of China G. Zhao, X. Mu, Z. Wen, F. Wang and P. Gao	499