



INDIAN JOURNAL OF SOIL CONSERVATION

VOLUME 38

NUMBER 1

APRIL 2010

CONTENTS

Prediction of hydraulic characteristics of dominant soil sub-groups of eastern India <i>RAVENDER SINGH, D.K. KUNDU, DEBASHIS CHAKRABORTY, R.K. TOMAR AND R.N. GARG</i>	1
Suggested modification in the USLE-K variables for estimating soil loss in the Gangetic basin of India <i>R.N. GUPTA</i>	10
Characterization and evaluation of land resources of basaltic terrain for watershed management using remote sensing and GIS <i>SHILPA S. PATIL, M.S.S. NAGARAJU AND RAJEEV SRIVASTAVA</i>	16
Development of synthetic unit hydrograph for small watershed <i>R.V. MANE AND A.A. ATRE</i>	24
Evaluation of a traditional community water management structure in Yethadka village of Kasaragod district in Kerala <i>MANOJ P. SAMUEL</i>	28
Indigenous soil and water conservation practices prevailing among the tribal farmers of Mizoram <i>KAMTA PRASAD, RAJESH KUMAR, N.PRAKASH, A.K. SAH AND R.P. VERMA</i>	31
Characterization of Rawanganga watershed in Garhwal Himalaya <i>H.K. BAGWARI, G.C.S. NEGI AND N.P. TODARIA</i>	37
Optimizing growth, yield and water use efficiency (WUE) in Nagpur mandarin (<i>Citrus reticulata</i>) under drip irrigation and plastic mulch <i>P. PANIGRAHI, A.K. SRIVASTAVA AND A.D. HUCHCHE</i>	42
Economic analysis of torrent control measures in Shiwalik foothills : A case study in Haryana <i>SWARN LATA ARYA, A.K. TIWARI, PAWAN SHARMA AND R. PRASAD</i>	46
Silting pattern of water harvesting tanks constructed in black soils in farmers' field conditions of Malwa region (Madhya Pradesh) : A case study <i>D.H. RANADE</i>	53
Bio-fertilizers and organic compost on performance and economics of frenchbean (<i>Phaseolus vulgaris</i> L.) under rainfed conditions of Majkhali (Almora) <i>DEEPAK CHANDRA AND BINITA SAHA</i>	56
Effect of <i>in-situ</i> moisture conservation practices on productivity and economics under maize+blackgram cropping system in semi-arid region <i>M.L. JAT, J.K. BALYAN AND R. SAMMAURIA</i>	59
	61