



# JOURNAL OF SOIL AND WATER CONSERVATION

NEW SERIES

Vol. 15, No. 2

ISSN: 0022-457X

APRIL-JUNE 2016

## Contents

<b>Soil bin studies on the selection of furrow opener for conservation agriculture</b>	107
– CHETAN SAWANT, ADARSH KUMAR, INDRA MANI and J.K. SINGH	
<b>Estimation of erosivity index using daily rainfall for Dehradun, Uttarakhand</b>	113
– PRAVENDRA KUMAR, SUSHANT TIWARI, SANJARAMBAM NIRUPAMA CHANU, KAUSHIK LUTHRA and POONAM RANI	
<b>Improving irrigation water productivity using Tensiometers</b>	120
– RAJAN BHATT, SANJAY ARORA and CLARA C. CHEW	
<b>Chemical composition of groundwater in capital city Bhubaneswar, Odisha</b>	125
– J.C. PAUL and B. PANIGRAHI	
<b>Artificial conservation measures on groundwater recharge, irrigation potential and productivity of crops of Bharkatia Watershed, Odisha</b>	134
– J.C. PAUL and B. PANIGRAHI	
<b>Variations in some soil physical properties, micronutrient distribution and its stock under high density guava orchard ecosystem</b>	141
– TARUN ADAK, KAILASH KUMAR and VINOD KUMAR SINGH	
<b>Enhancing productivity of wheat-maize cropping sequence on a sandy loam soil</b>	148
– SANJEEV KUMAR GUPTA, MAINAK GHOSH, REENA GUPTA, K.K. SINGH, S.N. DUBEY and T.P. SINGH	
<b>Potential climate change impacts on water resources in Jammu</b>	155
– GULSHAN RASHID, M.K. KHUSHU, NAZIA RAZA, MAHENDER SINGH and SANJAY KHAR	
<b>Digital knowledge management in agricultural research and development</b>	160
– V.K. BHARTI, SURAJ BHAN, HANS RAJ, MEETALI, DEEPSHIKHA and SANJAY BHARTI	
<b>Delineation and estimation of unsaturated aquifer and saturated aquifer of Faridabad district, Haryana, India</b>	166
– ABDUL RAHMAN THAMAR, ARPAN SHERRING and MD JAFRI AHSAN	
<b>Ecology, soil and crop management for livelihoods in Ladakh region: An Overview</b>	178
– R.D. GUPTA and SANJAY ARORA	
<b>Farmer's Organization: Lessons Learned from East Java Province, Indonesia</b>	186
– SRI WAHYUNI, SYAHYUTI and RITA NUR SUHAETI	

All disputes are subject to the exclusive jurisdiction of competent courts and forums in Delhi/New Delhi only. The Society does not assume any responsibility for opinions offered by the authors in the articles and no material in any form can be reproduced without permission of the Society. The Society is not responsible for any delay, whatsoever, in publication/delivery of the periodicals to the subscribers due to unforeseen circumstances or postal delay. Readers are recommended to make appropriate enquiries before sending money, incurring expenses or entering into commitments in relation to any advertisement appearing in this publication. The Society does not vouch for any claims made by the advertisers of products and services. The publisher and the editors of the publication shall not be held liable for any consequences in the event of such claims not being honoured by the advertisers.