



## Contents

<b>Changes in vegetation cover and soil erosion in a forest watershed on removal of weed <i>Lantana camara</i> in lower Shivalik region of Himalayas</b>	<b>193</b>
- PAWAN SHARMA, A.K. TIWARI, V.K. BHATT and K. SATHIYA	
<b>Salt affected soils in Jammu and Kashmir: Their management for enhancing productivity</b>	<b>199</b>
- R.D. GUPTA and SANJAY ARORA	
<b>Runoff and soil loss estimation using hydrological models, remote sensing and GIS in <i>Shivalik</i> foothills: a review</b>	<b>205</b>
- ABRAR YOUSUF and M. J. SINGH	
<b>Irrigation water management strategies for wheat under sodic environment</b>	<b>211</b>
- ATUL KUMAR SINGH, SANJAY ARORA, Y. P. SINGH, C. L. VERMA, A. K. BHARDWAJ and NAVNEET SHARMA	
<b>Geospatial technology in soil resource inventory and land capability assessment for sustainable development – Wayanad District, Kerala</b>	<b>218</b>
- Y. SURESH KUMAR, N.S. GAHLOD and V.S. ARYA	
<b>Impact of <i>Albizia procera</i> benth. based agroforestry system on soil quality in Bundelkhand region of Central India</b>	<b>226</b>
- RAJENDRA PRASAD, RAM NEWAJ, V.D. TRIPATHI, N.K. SAROJ, PRASHANT SINGH, RAMESH SINGH, AJIT and O.P. CHATURVEDI	
<b>Comparative study of reference evapotranspiration estimation methods including Artificial Neural Network for dry sub-humid agro-ecological region</b>	<b>233</b>
- SASWAT KUMAR KAR, A.K. NEMA, ABHISHEK SINGH, B.L. SINHA and C.D. MISHRA	
<b>Efficient use of jute agro textiles as soil conditioner to increase chilli productivity on inceptisol of West Bengal</b>	<b>242</b>
- NABANITA ADHIKARI, ARIF DISHA, ANGIRA PRASAD MAHATA, ARUNABHA PAL, RAHUL ADHIKARI, MILAN SARDAR, ANANYA SAHA, SANJIB KUMAR BAURI, P. K. TARAFDAR and SUSANTA KUMAR DE	
<b>Artificial Neural Network models for disaggregation of monsoon season runoff series for a hilly watershed</b>	<b>246</b>
- RAJDEV PANWAR and DEVENDRA KUMAR	
<b>Institutional dynamics of Mopane woodland management in Bulilima district of Zimbabwe</b>	<b>252</b>
- MKHOKHELI SITHOLE	
<b>Soil carbon stocks in natural and man-made agri-horti-silvipastoral land use systems in dry zones of Southern India</b>	<b>258</b>
- M.S. NAGARAJA, A.K. BHARDWAJ, G.V.P. REDDY, V.R.R. PARAMA and B. KAPHALIYA	
<b>Watershed based drainage morphometric analysis using Geographical Information System and Remote Sensing of Kashmir Valley</b>	<b>265</b>
- ROHITASHW KUMAR, IFRA ASHRAF, TANZEEL KHAN, NYREEN HAMID, J. N. KHAN, OWAIS AHMAD BHAT and D. RAM	
<b>Short Communication</b>	
<b>Effect of long term application of organic and inorganic fertilizers on soil moisture and yield of maize under rainfed conditions</b>	<b>273</b>
- DANISH ZARI, VIVAK M. ARYA, VIKAS SHARMA, P.K. RAI, B. C. SHARMA, CHARU SHARMA, SWEETA MANHAS and K.R. SHARMA	