

## **Contents**

---

- 1     **Perceptions and choice of payment behaviour of consumers for rural pipe water services in an eastern Indian state**  
*Tapasi Mohanty and Himanshu Sekhar Rout*
- 21    **Marine water quality index classification and prediction using machine learning framework**  
*Komathy Karuppanan*
- 39    **The historical trend in temperature of a tropical river basin in Kerala, India**  
*P.P. Nikhil Raj and P.A. Azeez*
- 53    **Spatial and temporal analysis of rainfall and drought in the Marathwada region of Maharashtra**  
*Chandrakant M. Kadam, Udhav V. Bhosle and Raghunath S. Holambe*