

Contents

- 1 **Evaluation of a pumping test with skin effect and wellbore storage on a confined aquifer in the Bela Crkva, Serbia**
Jiri Holub, Pavel Pech, Michal Kuraz, Petr Maca and Daniel Kahuda
- 12 **Efficiency of the groundwater artificial recharge from dam water release in arid area**
Zouheira Ibn Ali, Asma Ahmed Gharbi, Amjad Kallel, Lamia Laajili Ghzel and Moncef Zairi
- 26 **Soil moisture dynamics and response to rainfall under two typical vegetation covers based on HYDRUS-3D**
Jing Zhang and Zhan Liang
- 47 **Hydrochemical characteristics of inland rivers in Khorasan Razavi Province, North-Eastern Iran**
Mojtaba Heydarizad
- 60 **Rainfall and air temperature projections for Sharjah City, United Arab Emirates**
Abdullah Gokhan Yilmaz and Ahmad Ghassan Shabib
- 80 **A hybrid approach for water resources management in Tunisia**
Mohamed Ali Elleuch, Lobna Elleuch and Ahmed Frikha