

## CONTENTS

<b>Estimation of infiltration rate and deep percolation water using feed-forward neural networks in Gorgan Province</b> <i>Fereydoon Sarmadian, Ruhollah Taghizadeh-Mehrjardi</i>	1
<b>Changes in physical conditions of a coarse textured soil by addition of organic wastes</b> <i>Melis Cercioglu, Bülent Okur, Sezai Delibacak, Ali Riza Ongun</i>	7
<b>Nitrogen fertilization plans for the main crops of Turkey to mitigate nitrates pollution</b> <i>Theodore Karyotis, İbrahim Güçdemir, Suat Akgül, Andreas Panagopoulos, Katerina Karyoti, Süleyman Demir, Ali Kasacı</i>	13
<b>Allelopathic potential of weeds under the minimalization of soil treatment</b> <i>Mikhail A. Mazirov, Valeria A. Arefieva</i>	25
<b>Crop rotation with no-till methods in cotton production of Uzbekistan</b> <i>Botir Khaitov, Kholik Allanov</i>	28
<b>Optimal network design for spatial prediction of soil redistribution (<sup>137</sup>Cs) based on a minimax approach</b> <i>Firoozeh Rivaz, Mohsen Hosseinalizadeh, Edzer Pebesma</i>	33
<b>Effects of treatment with vermicompost on the some morphological and physiological characteristics of scots pine (<i>Pinus sylvestris</i> L.)</b> <i>Atilla Atik, Bülent Yılmaz</i>	42
<b>Canopy temperature for peach tree at various soil water contents</b> <i>Leinar Septar Cristian Paltineanu, Emil Chitu, Cristina Moale, Hüsnü Demirsoy, Eyüp Selim Köksal, Rıdvan Kızılkaya, İdris Macit</i>	56
<b>Comparative assessment of trace metals in soils associated with casket burials: Towards implementing green burials</b> <i>Amuno Solomon Aruomero, Oluwajana Afolabi</i>	65
<b>Using soil moisture constants and physical properties to predict saturated hydraulic conductivity</b> <i>Coşkun Gülser, Feride Candemir</i>	77