

UDK: 631

Serbian Soil Science Society

e-ISSN 2560-4279 (Online)

Srpsko Drustvo za Proučavanje Zemljišta

**ZEMLJIŠTE I BILJKA –**

**SOIL AND PLANT**



**ZEMLJIŠTE I BILJKA – SOIL AND PLANT, Vol. 68, No. 1, 2019**

---

BEOGRAD, 2019

## ZEMLJISTE I BILJKA

SOILandPLANT – ПОЧВАИРАСТЕНИЕ

### Editor -in-chief

Dr. Elmira R. SALJNIKOV  
Soil Science Institute, Belgrade, Serbia

### Honorary Editor

Dr.Gligorije M. ANTONOVIĆ, Belgrade, Serbia

### Editorial Assistants

Dr. Olivera STAJKOVIĆ, Dr. Darko JARAMAZ, MSc. Sonja Tošić

### Editorial Board

BELIĆ Milivoj, Belgrade, SERBIA  
ZDRAVKOVIĆ Milan, Belgrade, SERBIA  
ANTIĆ MLADENOVIĆ Svetlana, Belgrade, SERBIA  
BALGABAEV Alimbai, Almaty, KAZAKHSTAN  
BANEV Martin, Sofia, BULGARIA  
CAKMAK Dragan, Belgrade, SERBIA  
DAJIĆ STEVANOVIĆ Yora, Belgrade, SERBIA  
DJORDJEVIĆ Aleksandar, Belgrade, SERBIA  
DUJROVIĆ Nevenka, Belgrade, SERBIA  
FUNAKAWA Shinja, Kyoto University, JAPAN  
JOŠIĆ Dragana, Belgrade, SERBIA  
KNEŽEVIĆ Mirko, Podgorica, MONTENEGRO  
KOVAČEVIĆ Dušan, Belgrade, SERBIA  
LAVRISHCHEV Anton, St.Petersburg, RUSSIA  
LITVINOVICH Andrey, St. Petersburg, RUSSIA  
MARINKOVIC Dusan, North Victoria, AUSTRALIA  
MARKOVIĆ Mihajlo, Banja Luka, BOSNIA and HERZEGOVINA  
NEŠIĆ Ljiljana, Novi Sad, SERBIA  
NIKOLOV Boris, Sofia, BULGARIA  
PACHIKIN Konstantin, Almaty, KAZAKHSTAN  
PAVLOVIĆ Pavle, Belgrade, SERBIA  
RADMANOVIĆ Svetlana, Belgrade, SERBIA  
RAHIMGALIEVA Saule, Uralsk, KAZAKHSTAN,  
RAMAZANOVA Raushan, Astana, KAZAKHSTAN  
RESULOVIC Husnija, Sarajevo, BOSNIA and HERZEGOVINA  
Van ENGELEN Vinsent, Wageningen, GERMANY  
VORONINA Lyudmila, Moscow, RUSSIA  
VOULGAROPOULOS Anastasios, Thessaloniki, GREECE

PUBLISHER: Serbian Soil Science Society, Teodora Dražera 7, Belgrade 11000 Serbia  
IZDAJE: Srpsko Drustvo za Proučavanje Zemljišta, Teodora Dražera 7, Beograd 11000 Srbija

CIP– Каталогизација у публикацији  
Народна библиотека Србије, Београд  
631

**ZEMLJIŠTE I BILJKA = Soil and Plant = Почва и растение**/Editor-in-Chief  
Elmira R. Saljnikov – God. 1, br. 1 (maj 1952) – Beograd – Zemun (Nemanjina 6): Srpsko  
društvo za proučavanje zemljišta,  
1952 – (Zemun Akademska izdanja). – 24 cm. -

Dva puta godišnje.  
ISSN 2560-4279 = Zemljiste i biljka (online izd.)  
COBISS.SR-ID 238151180

Printed by Akademska izdanja, Zemun, Serbia

Official journal of the Serbian Soil Science Society  
Editorial office: 11000 Belgrade, Teodora Dražera 7; [editor.zib@gmail.com](mailto:editor.zib@gmail.com)  
URL: <http://www.sdpz.rs/index.php/sr-yu/casopis-zemljiste-i-biljka#zemljiste-i-biljka—soil-and-plant>

---

## CONTENT

Zemljiste i Biljka - Soil and Plant – Почва и Растение, Vol 68, No. 1, 2019

---

<b>Eluvial losses of Ca from <i>Umbric Albeluvisols Abruptic</i> produced by different doses of lime: column experiment,</b> Pavlova O., Litvinovich A., Lavrishchev A., Bure V, Saljnikov E. ....	1-12
<b>Composition of organo-mineral complexes migrating in soddy-podzolic soil (<i>Umbric Albeluvisols Abruptic</i>),</b> Pavlova O., Litvinovich A., Lavrishchev A., Belimov A., Saljnikov E. ....	13-23
<b>Leaching requirements for salt-affected soils of West Nubian valley of Nile River (North Sudan),</b> Žeželj B., Dimovski P .....	24-35
<b>Proposal for desalinization of higly saline soils of Vojvodina,</b> Žeželj B., Hojka Z., Dimovski P. ....	36-44
<b>Monitoring of desalinization procedures of “slatinas” of Banat and Bačka</b> Žeželj B., Hojka Z., Dimovski P. ....	45-60
<b>Suitability of soil for growing soft broadleaf trees,</b> Pekeč S., Katanić M.....	61-70
<b>Examination of soils under grasslands in the territory of Kosjeric municipality</b> Andelković S., Babić S., Vasić T., Milenković J., Marković J., Prijović M., Lazarević Đ. ....	71-78