



Bulgarian Soil Science Society

**BULGARIAN
JOURNAL
OF SOIL
SCIENCE®**

2018

Volume 3

Issue 2

e-ISSN: 2367-9212

ISSN: 2534-8787

BULGARIAN JOURNAL OF SOIL SCIENCE®

(Peer Reviewed Open Access Journal)

Published by Bulgarian Soil Science Society

Editor-in-Chief
Prof. Metodi Teoharov

Executive-Editor
Prof. Irena Atanassova

Editorial Board

Prof. Rattan Lal
Prof. Rainer Horn
Prof. Evgeny Shein
Prof. Pandi Zdruli
Prof. Milan Mesič
Prof. Dimitranka Stoycheva
Prof. Zornitza Popova
Prof. Radka Donkova

Prof. Ludmila Malinova
Assoc. prof. Zdravka Petkova
Assoc. prof. Rada Povova
Assoc. prof. Milena Kercheva
Assoc. prof. Neli Gadzhalska
Assoc. prof. Toma Shishkov
Assoc. prof. Katerina Doneva

Technical Editor - Pre-print - Web Support
Assoc. prof. Biser Hristov



The Executive Board of the Bulgarian Soil Science Society has decided to begin publishing Bulgarian Journal of Soil Science in relation to the International Year of Soils 2015, as a web-based, free, and open-access international scientific journal. The Editorial Advisory Board consists of European researchers and specialists in the field of soil science and other related sciences.

We are confident that Bulgarian Journal of Soil Science will unite the research of specialists and scientists in soil science from all over the world, as well as help them in the processes of their scientific integration. Bulgarian Journal of Soil Science is an international open-access, web-based scientific journal dedicated to the publication and discussion of high-quality research in the field of soil sciences. Bulgarian Journal of Soil Science publishes scientific research that contributes to the understanding of soil and its interaction with humans and the entire Earth system. The scope of the journal includes all topics relevant to the study of soil science as a discipline. The journal publishes original papers in specific topic sections on global and regional, theoretical and experimental studies concerning the problems of genesis, geography, physics, chemistry, biology, fertility, management, conservation, and remediation of soils.

Author instructions can be found on the official webpage and in the journal.

<http://www.bsss.bg/Journal.html> e-mail: journal@bsss.bg e-ISSN: 2367-9212 ISSN: 2534-8787

BULGARIAN JOURNAL OF SOIL SCIENCE®

CONTENTS

VOLUME : 3

ISSUE : 2

PAGES : 79 - 158

Soil Genesis and Formation

- 1 Some Features of Cambisols Soil-forming Process from Training and Experimental Forest Range (TEFR) „Petrohan” Region.
Kameliya Petrova 81 - 89

Soil profile diagnostic

- 2 Profile Distribution of Physical and Chemical Soil Properties in Izombe, Rainforest Zone of Nigeria.
Donald Nweze Osujieke, Pedro Ezemon Imadojemu, Michael Akpan Okon, Obinna Marcellinus Okeke 90 - 103

Soil Chemistry and Agroecology

- 3 Sulphur Balance in Agroecosystem.
Marija Galic, Milan Mesic, Aleksandra Percin, Ivana Sestak, Zeljka Zgorelec 104 - 118

Soil Microbiology

- 4 Soil Enzymes Assessment around Amega Cement Factory in Nigeria.
Oluseye Olalekan Oludoye, Lanrewaju Amos Ogunyebi 119 - 133

Land Evaluation

- 5 Opportunities for Growing Lavender in Areas Facing Natural Constraints Exemplified by the Borika Village, Bulgaria.
Zornitsa Mitreva, Veselin Pankov 134 - 142

Soil Productivity and Fertilization

- 6 Changes in Biomass Accumulation and Soil Properties after Fertilization of Ryegrass.
Vania Kachova 143 - 149

International Meeting

- 7 “Payment for Ecosystem Services-Forest for Water” (CA15206 PESFOR)
Mariyana Lyubenova, Gregory Valatin 150 - 154

Instructions for Authors 155 - 158