

Contents

Vol. 49, No. 10, 2016

A simultaneous English language translation of this journal is available from Pleiades Publishing, Ltd.
Distributed worldwide by Springer. *Eurasian Soil Science* ISSN 1064-2293.

Soil Chemistry

- Regional Clarks of Chemical Elements in Soils of Southern European Russia
V. V. D'yachenko and I. Yu. Matasova 1091
- The Effect of Humic Acids and Their Complexes with Iron on the Functional Status
of Plants Grown under Iron Deficiency
*D. P. Abros'kin, M. Fuentes, J. M. Garcia-Mina, O. I. Klyain, S. V. Senik, D. S. Volkov,
I. V. Perminova, and N. A. Kulikova* 1099
-

Soil Physics

- Thermal Properties of Typical Chernozems in Kursk Oblast
T. A. Arkhangel'skaya, M. V. Velichenko, and P. I. Tikhonravova 1109
- Prospects in Application of Thermal Analysis for Assessing the Total Water Potential of Soils
I. I. Sudnitsyn 1117
-

Soil Biology

- The Number and Biomass of Microorganisms in Ancient Buried and Recent Chernozems
under Different Land Uses
L. M. Polyanskaya, V. E. Prikhod'ko, D. G. Lomakin, and I. Yu. Chernov 1122
- Changes in the Species Composition of the Rhizosphere and Phyllosphere of Sugar Beet
under the Impact of Biological Preparations Based on Endophytic Bacteria and Their Metabolites
L. I. Pusenkova, E. Yu. Il'yasova, O. V. Lastochkina, I. V. Maksimov, and S. A. Leonova 1136
- Actinomycetal Complex of Light Sierozem on the Kopet-Dag Piedmont Plain
G. M. Zenova, D. G. Zvyagintsev, N. A. Manucharova, O. A. Stepanova, and I. Yu. Chernov 1145
- Responses of Soil Enzyme Activity and Microbial Community Compositions
to Nitrogen Addition in Bulk and Microaggregate Soil in the Temperate Steppe
of Inner Mongolia
Yao Shi, Lianxi Sheng, Zhongqiang Wang, Xinyu Zhang, Nianpeng He, and Qiang Yu 1149
-

Soil Mineralogy and Micromorphology

- Clay Mineralogy in Agrochernozems of Western Ukraine
I. Ya. Papish, N. P. Chizhikova, S. P. Poznyak, and E. B. Varlamov 1161
-

Agricultural Chemistry and Soil Fertility

- Changes in the Agrochemical Properties of Major Arable Soils in the South of the Far East
of Russia under the Impact of Their Long-Term Agricultural Use
M. L. Burdukovskii, V. I. Golov, and I. G. Kovshik 1174
- Alkalization of Irrigated Soils Suitable for Orchard Growing in Steppe Crimea
and Prospects for Their Use
O. E. Klimenko 1180
-

Degradation, Rehabilitation, and Conservation of Soils

- Spatiotemporal Dynamics of the Pollution of Al-Fe-Humus Podzols in the Impact Zone
of a Nonferrous Metallurgical Plant
I. V. Lyanguzova, D. K. Goldvirt, and I. K. Fadeeva 1189

Temporal Changes of Eroded Soils Depending on Their Agricultural Use
in the Southern Cis-Ural Region

*I. M. Gabbasova, R. R. Suleimanov, I. K. Khabirov, M. A. Komissarov, M. Fruehauf, P. Liebelt,
T. T. Garipov, L. V. Sidorova, and F. Kh. Khaziev*
