

Contents

Vol. 47, No. 11, 2014

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

Genesis and Geography of Soils

Diagnostics of Hydromorphism in Soils of Autonomous Positions on the Severo-Sos'vinsk Upland
(Western Siberia)

N. A. Avetov, E. O. Sopova, Yu. A. Golovleva, A. V. Kiryushin, and P. V. Krasilnikov

1077

Impact of Shelterbelts on the Fragmentation of Erosional Networks
and Local Soil Waterlogging

*D. I. Rukhovich, M. S. Simakova, A. L. Kulyanitsa, A. V. Bryzzhev, P. V. Koroleva,
N. V. Kalinina, E. V. Vil'chevskaya, E. A. Dolinina, and S. V. Rukhovich*

1086

Soil Chemistry

Effect of the Natural Reforestation of an Arable Land on the Organic Matter Composition
in Soddy-Podzolic Soils

A. A. Erokhova, M. I. Makarov, E. G. Morgun, and I. M. Ryzhova

1100

Soil Biology

Communities of Microorganisms and Invertebrates in Soil-Like Bodies of Soccer Fields
in Moscow Oblast

O. V. Kutovaya, I. V. Zamotaev, and V. P. Belobrov

1107

Changes in the Properties and Biological Activity of Crusty Solonetzes in the Baraba Lowland
under the Long-Term Impact of Gypsum

N. V. Semendyaeva, L. N. Korobova, and N. V. Elizarov

1116

Genesis and Geography of Soils

Micromorphological and Microbiological Diagnostics of Initial Pedogenesis on the Bottom of
an Artificial Mesodepression in the Northern Caspian Semidesert

M. P. Lebedeva, O. V. Kutovaya, M. L. Sizemskaya, and S. F. Khokhlov

1123

Soil Reclamation

Impact of Reclamation Treatment on the Biological Activity of Soils of the Solonetz Complex
in Western Siberia

L. V. Berezin, O. F. Khamova, E. V. Paderina, and A. M. Gindemit

1138

Degradation, Rehabilitation, and Conservation of Soils

Persistent Organic Pollutants in the Natural Environments of the City of Bratsk (Irkutsk Oblast):
Levels and Risk Assessment

E. A. Mamontova, E. N. Tarasova, and A. A. Mamontov

1144

Carbon Storage under Different Grazing Management in the Typical Steppe

*Sarula, Haijun Chen, Xiangyang Hou, Leonid Ubugunov, Oksana Vishnyakova,
Xinhong Wu, Weibo Ren, and Yong Ding*

1152

Use of Regulatory Documents for Assessing the Contamination of Soils with Heavy Metals

O. V. Nesterova, V. G. Tregubova, and V. A. Semal

1161
