

# Contents

---

---

Vol. 70, No. 2, 2015

A simultaneous English language translation of this journal is available from Allerton Press, Inc.  
Distributed worldwide by Springer. *Moscow University Soil Science Bulletin* ISSN 0147-6874.

---

---

## Genesis and Geography of Soils

Dokuchaev's Soil Map of European Russia of 1900 as a Source  
of Information for Agroecological Evaluation of the Lands  
in the Central Gubernias (Historical Aspect)

*V. A. Kirillova and I. O. Alyabina* 41

Clay–Salt Soil Formations In Situ and Ex Situ

*G. V. Kharitonova, E. V. Shein, M. A. Pugachevskii,  
V. S. Komarova, Z. N. Tyugai, A. S. Manucharov, and T. D. Ri* 50

Digital Soil Map of Chashnikovo Training and Experimental  
Soil Ecological Center, Moscow State University

*N. P. Kirillova, T. M. Sileva, T. Yu. Ul'yanova,  
S. Yu. Rozov, M. A. Il'yashenko, and M. I. Makarov* 58

Estimation of Radioactive Contamination at a Model Site in Bryansk Oblast

*D. G. Krotov, V. P. Samsonova, I. I. Sychyova, and S. E. Dyadkina* 66

---

## Ecology

Correlation between Phytotoxicity and Properties  
of Soils Containing a Group of Polycyclic Aromatic Hydrocarbons

*V. V. Stolbova and D. V. Beregela* 71

Efficiency of Remediation of Technogenic Barrens around  
the Severonikel Factory on the Kola Peninsula

*G. N. Koptsik, I. E. Smirnova, S. V. Koptsik,  
A. I. Zakharenko, and V. V. Turbaevskaya* 78

---

## Soil Biology

Effect of Potassium Chloride on the Emission  
of Carbon Dioxide from Chernozem

*K. V. Pavlov, E. V. Kleshkanova, M. M. Novikov, N. A. Manucharova* 85

---

---