

Contents

Vol. 51, No. 5, 2018

Genesis and Geography of Soils

- The Impact of Artificial Forest Plantations on Mountain-Meadow Soils of Crimea
I. V. Kostenko 485
- Biogeochemical Processes in Steppe Landscapes of the Ergeni Upland in the Holocene
P. I. Kalinin, I. Yu. Kudrevatykh, I. M. Vagapov, A. V. Borisov, and A. O. Alekseev 495
- Climate and Vegetation Changes over the Past 7000 Years in the Cis-Ural Steppe
O. S. Khokhlova, N. L. Morgunova, A. A. Khokhlov, and A. A. Gol'eva 506
-

Soil Chemistry

- Distributions of Heavy Metals and Benzo[*a*]pyrene in Oligotrophic Peat Soils and Peat Gleyzems of Northeastern Sakhalin
D. N. Lipatov, A. I. Shcheglov, D. V. Manakhov, M. M. Karpukhin, Yu. A. Zavgorodnyaya, and O. B. Tsvetnova 518
- Accumulation of Polycyclic Aromatic Hydrocarbons in Soils and Mosses of Southern Tundra at Different Distances from the Thermal Power Plant
E. V. Yakovleva, D. N. Gabov, V. A. Beznosikov, and B. M. Kondratenok 528
- Phosphorus Sorption Capacity of Gray Forest Soil as Dependent on Fertilization System
O. B. Rogova, N. A. Kolobova, and A. L. Ivanov 536
- Losses of Soil Carbon upon a Fire on a Drained Forested Raised Bog
T. V. Glukhova and A. A. Sirin 542
-

Degradation, Rehabilitation, and Conservation of Soils

- Methodological Approaches toward Chemico-Biological Diagnostics of the State of Soils in Technogenically Transformed Territories
A. I. Fokina, E. V. Dabakh, L. I. Domracheva, S. G. Skugoreva, E. I. Lyalina, T. Ya. Ashikhmina, Yu. N. Zykova, and K. A. Leonova 550
- Contemporary Trend in Erosion of Arable Southern Chernozems (*Haplic Chernozems Pachic*) in the West of Orenburg Oblast (Russia)
A. V. Gusarov, V. N. Golosov, A. G. Sharifullin, and A. M. Gafurov 561
- Effects of Climate Changes and Pollution with Heavy Metals on the Transformation of Carbon Compounds in Different Soil Types of Agroecosystems in the Forest-Steppe of Baikal Region
L. V. Pomazkina and Yu. V. Semenova 576
- Restoration of Soils and Vegetation on Reclamation Sites of the Kingisepp Phosphorite Field
Ya. A. Dmitrakova and E. V. Abakumov 588
-