

**Список публикаций С.Н Лесовой, посвященных изучению выветривания и
почвообразования в холодном секторе Евразии,
опубликованных в 2012-2016гг**

I. Главы в монографии:

1. *S.N. Lessovaia, S. Goryachkin, Y. Polekhovsky, V. Ershova, A. Filimonov* Abiotic and Biotic Processes of Mineral Weathering in Tundra Soils on Ultramafic and Mafic Rocks of the Polar Urals, Russia / В книге *Biogenic—Abiogenic Interactions in Natural and Anthropogenic Systems, Lecture Notes in Earth System Sciences. (под редакцией V. Frank-Kamenetskaya et al.)*. **Springer International Publishing Switzerland**, 2016, p. 223-236;

2. *O. Sumina, S.N. Lessovaia* Clay Minerals in the Loose Substrate of Quarries Affected by Vegetation in the Cold Environment (Siberia, Russia) / В книге *Biogenic—Abiogenic Interactions in Natural and Anthropogenic Systems, Lecture Notes in Earth System Sciences. (под редакцией V. Frank-Kamenetskaya et al.)*. **Springer International Publishing Switzerland**, 2016, p. 249-259;

II. Статьи в журналах

1. *S. Lessovaia, M. Plötze, S. Inozemzev, S. Goryachkin* Traprock transformation into clayey materials in soil environments of the central Siberian plateau, Russia // **Clays and Clay Minerals**, 2016. V. 64, No. 5, 668–676; Impact Factor: 1.398;

2. *S.N. Lessovaia, S. Dultz, M. Plotze, N. Andreeva, Y. Polekhovsky, A. Filimonov, O. Momotova* Soil development on basic and ultrabasic rocks in cold environments of Russia traced by mineralogical composition and pore space characteristics // **Catena**, 2016, V. 137, 596–604; Impact Factor: 2.612;

3. *M. Egli, S. Lessovaia, K. Chistyakov, S. Inozemzev, Yu. Polekhovsky, D. Ganyushkin* Microclimate affects soil chemical and mineralogical properties of cold-alpine soils of the Altai Mountains (Russia) // **Journal of Soils and Sediments**, 2015, V. 15, 1420–1436; Impact Factor: 2.206;

4. *S. Lessovaia, S. Dultz, S. Goryachkin, M. Ploetze, Yu. Polekhovsky, N. Andreeva, A. Filimonov*. Mineralogy and pore space characteristics of traprocks from Central

Siberia, Russia: Prerequisite of weathering trends and soil formation // **Applied Clay Science**, 2014, V. 102, 186–195; Impact Factor: 2.467;

5. *S.N. Lessovaia, S. V. Goryachkin, R.V. Desyatkin, M.V. Okoneshnikova.* Pedoweathering and mineralogical change in Cryosols in an ultracontinental climate (Central Yakutia, Russia) // **Acta Geodyn. Geomater.** 2013.V. 10, No. 4 (172), 465–473; Impact Factor: 0.667

6. *S.N. Lessovaia, S. Dultz, Yu. Polekhovsky, V. Krupskaya, M. Vigasina, L. Melchakova* Rock control of pedogenic clay mineral formation in a shallow soil from serpentinous dunite in the Polar Urals, Russia // **Applied Clay Science**, 2012, V 64, 4–11; Impact Factor: 2.342;

7. *С.Н. Лесовая, С.В. Горячкин, Ю.С. Полеховский.* Почвообразование и выветривание на ультраосновных породах горных тундр массива Рай-Из, Полярный Урал // **Почвоведение** 2012. № 1. С. 44-56.

Она же: *S.N. Lesovaya, S.V. Goryachkin, Yu.S. Polekhovskii.* Soil Formation and Weathering on Ultramafic Rocks in the Mountainous Tundra of the Rai_Iz Massif, Polar Urals // **Eurasian Soil Science**, 2012, V. 45, No. 1, p. 33–44; Impact Factor: 0.216

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