

Alexandra Rodionova



Assistant

Department of Ecology and Environmental Management

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Date of Birth: 28 March 1991

GoogleScholar:

<https://scholar.google.com/citations?user=1Yb6spkAAAAJ&hl=ru>

EXPERIENCE

September 2016 - nowadays

Assistant of the Department of Ecology and Environmental Management, Institute of Ecology and Geography SibFU

September 2016 - nowadays

Head of laboratory, Scientific-educational Laboratory of Ecological Monitoring, Department of Ecology and Environmental Management, Institute of Ecology and Geography, SibFU, Krasnoyarsk, Russia

September 2013- August 2016

Engineer, Scientific-educational Laboratory of Ecological Monitoring, Department of Ecology and Environmental Management, Institute of Ecology and Geography, SibFU, Krasnoyarsk, Russia

TEACHING EXPERIENCE

Courses in “Geology”, “Landscapes Study”, “Geomorphology”, “Ecology”.

SCIENTIFIC INTERESTS

- Palaeoecology
- Palaeobotany
- Peatlands Study

EDUCATION

2014-2018

Institute of Ecology and Geography, Siberian Federal University, Krasnoyarsk, Russia

PhD student “Ecology”.

2012 - 2014

Institute of Economics, Management and Environmental Management, Siberian Federal University, Krasnoyarsk, Russia

Master of ecology and environmental management

Graduated with Honors

2008-2012

Institute of Economics, Management and Environmental Management, Siberian Federal University, Krasnoyarsk, Russia

Bachelor of ecology and environmental management

Graduated with Honors

PARTICIPATION IN CONFERENCES

1. International workshop group DIMA (Developing Innovative Multiproxy Analyses—in Siberia and the Russian Far East, September 15-23, 2019, Southampton, UK.
2. International workshop group DIMA (Developing Innovative Multiproxy Analyses—in Siberia and the Russian Far East, September 8-15, 2018, Tomsk, Russia.
3. XVII International Scientific and Practical Conference "Problems of Botany in Southern Siberia and Mongolia", May 24-26, 2018 Barnaul, Russia.
4. International Field Symposium "West Siberian Peatlands and Carbon Cycle: Past and Present" and International Conference "Carbon Balance of Western Siberian Mires in the Context of Climate Change" 19 – 29 June, 2017 Khanty-Mansiysk, Russia.
5. IV Russian Scientific Conference with International Participation "Dynamics of Modern Ecosystems in the Holocene", October 17-20, 2016, Pushchino, Russia.
6. Russian School-conference of Young Scientists with International Participation "Biogenic Archives of Landscape Changes of the Past", June 2-3, 2016, Novosibirsk, Russia.
7. European Geoscience Union General Assembly 2016, Vienna, Austria.
8. V International Scientific Conference dedicated to the 85th anniversary of the Department of Soil Science and Soil Ecology of TSU "Reflection of Bio-, Geo-, anthropospheric Interactions in Soils and Soil Cover", 2015, Tomsk, Russia.
9. International Symposium "Swamps of Northern Europe: Diversity, Dynamics and Rational Use" 2015, Petrozavodsk, Russia.
10. School of the young scientists on Biogeochemical Matter Cycling in Permafrost Ecosystems (SPP-2014), Krasnoyarsk, Russia.
11. Russian Scientific-practical Conference of Young Scientists "Soil-ecological Processes in the Natural and Anthropogenic-transformed Landscapes of Siberia and the Far East" 2014, Krasnoyarsk, Russia.
12. XX International Scientific and Practical Conference "Problems of Botany in Southern Siberia and Mongolia - 2013", Barnaul, Russia.
13. XVIII International Ecological Student Conference "Ecology of Russia and adjacent territories-2013", Novosibirsk, Russia.

GRANTS EXPERIENCE

2018 – nowadays

Research project: "Prognosis of region-specific responses of Siberian mountain forests to global environmental changes and of the landscape development trajectories for mitigation of environmental risks and an effective long-term planning in various economic sectors" by Russian Foundation for Basic Research, Government of Krasnoyarsk Territory, Krasnoyarsk Regional Fund of Science, participant.

2018 – nowadays

Research project: "Late Holocene dynamics of Asian boreal forests amid changing geochemical and climatic conditions" by Russian Foundation for Basic Research, participant.

2016 – 2018

Research project: “Response of soil biota of forest ecosystems of Central Siberia to the total impact of climate and pyrogenic factor under permafrost” by Russian Foundation for Basic Research, participant.

2011, 2018, 2019

Travel-grants of Krasnoyarsk Regional Fund of Science

2012, 2016, 2018

Travel-grants of M. Prokhorov Found

PUBLICATIONS: over 20. The most important:

1. Rodionova, A. B. Macrofossils analysis of the peat to reconstruct holocene paleoecological conditions about Kansk forest-steppe zone (Yenisey Siberia)/ A.B. Rodionova, A.V. Grenaderova// Environmental Dynamics and Global Climate Change, 2016, Vol. 7(1), P. 108-115.
2. Rodionova A.B. Peat soils of the Kansk forest-steppe (genesis classification) / A.B. Rodionova, A.V. Grenaderova // Bulletin of the Krasnoyarsk State Agrarian University, 2016, No. 4, P. 65-72.
3. Rodionova A.B. Peatland Development and Palaeoclimate Records from the Holocene Peat Archive in the Foothills of the Eastern Sayan Mountains/A.B. Rodionova, A.V. Grenaderova// IOP Conf. Series: Earth and Environmental Science, V. (2018), 2018. – P.2-8.
4. Sharafutdinov R.A. Stratigraphy of sediments of the island of Recreation in the middle reaches of the Yenisei River (Krasnoyarsk) / R.A. Sharafutdinov, A.V. Grenaderova, P.V. Mandryka, A.B. Rodionova // Problems of Regional Ecology, 2018, No. 5, P. 100-105.
5. Shumilovskikh L.S. Insights into the late Holocene vegetation history of the East European forest- steppe: case study Sudzha (Kursk region, Russia)// Lyudmila S. Shumilovskikh, Vlasta Ye. Rodinkova, **A.B. Rodionova**, A.Troshina, E. Ershova, E. Novenko, E. Zazovskaya, S.Sycheva, D. Kiselev, F. Schlütz, J.Schneeweiß//Vegetation History and Archaeobotany, 2019 – P. 1-16.

SKILLS: Upper-Intermediate level (English)