PERSONAL INFORMATION

Full Name: (family name /given name)	Raudina Tatiana
Contact address:	29/1 Urozhainy per., Tomsk, 634027, Russia
Affiliation address:	36, Lenina Pr., Center of Excellence "Bio-Clim-Land", Tomsk State University, Tomsk, 634050, Russia
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E-mail:	tanya_raud@mail.ru
Date of birth:	17 June, 1990
Nationality:	Russian

EDUCATION

Sep. 2013 – 2016	PhD student, Department of Soil Science and Soil Ecology, Institute of Biology, National Research Tomsk State University, Tomsk, Russia. Objects: soil cover, soils hydrochemical parameters, geochemistry of landscapes, wetland ecosystems, soil formation and permafrost.
May 2012 – 2014	Graduate Diploma in Ecology, Department of Environmental Management, Institute of Biology, National Research Tomsk State University, Tomsk, Russia.
Sep. 2007 – June 2013	BSc, MSc, Department of Soil Science and Soil Ecology, Institute of Biology, National Research Tomsk State University, Tomsk, Russia. Objects: Soils of the central part of the Tazovsky Peninsula under cryogenic conditions. Soil formation features of some mountain tundra soils of the southeastern Altay.
Oct. – Dec. 2011	Vocational Training in Chemical Analysis, National Research Tomsk Polytechnic University, Tomsk, Russia.
Sep. 1997 – June 2007	Grammar School, Kemerovo region, Russia.

WORK EXPERIENCE AND PROFESSIONAL DEVELOPMENT

Jan. 2017 – to date	Engineer, Laboratory of Ecology and Biodiversity, Research Inst. of Biology and Biophysics, National Research Tomsk State University, Tomsk, Russia.
Aug. 2013 – to date	Junior Researcher, Laboratory biogeochemical and remote monitoring techniques environment, National Research Tomsk State University, Tomsk, Russia.
21 – 26 June 2015	Barents Summer School "Climate change effects on Arctic landscapes: Integrating responses across terrestrial and aquatic ecosystems", Abisko, Sweden.
Nov. 2011 – Sep. 2014	Laboratory Assistant, Department of Soil Science and Soil Ecology, National Research Tomsk State University, Tomsk, Russia.
Oct. 2015 **Mar. – Apr. 2015**	Internship in GET Laboratory (GEOSCIENCE ENVIRONNEMENT TOULOUSE, France). Participation in the joint projects "Biogeochemistry of trace elements in the watersheds of Siberia", GDRI "CAR WET SIB", and ARCTIC METALS.
Jan. – June 2014	The development of linguistic competence of teachers (Prof. Dev. – Eng. lg.), Instit. of Distance Education, National Research Tomsk State University, Tomsk, Russia.
4 – 19 July 2013	The second Intern. Res. Educ. summer school "Environmental conditions and living environment of a human of Arctic and Alpine areas", Tomsk Region – Aktru (Altay Region), Russia.
5 – 19 Aug. 2013	Workshop for students, Institute of Applied Ecology, Skórzyn, Poland.

17 – 21 June 2013	Training Program "Strengthening the Lifelong Learning in Environmental Sciences in Russia 530397-Tempus-l-SK", Russian Timiryazev State Agricultural University, Moscow, Russia.
Nov. – Dec. 2013	International Summer School for youth "Resources for sustainable future", Faculty of Science and Engineering, Curtin University, Perth, Australia.
July – Aug. 2010	Institute of Soil Science and Agrochemistry, Russian Academy of Sciences, Novosibirsk, Russia. Expedition and cameral work which were performed in within the research work at zone of influence "Gazprom mining Yamburg" objects.

ADDITIONAL INFORMATION

Computer skills:	MS Office: Excel, PowerPoint, Word; Adobe Photoshop; CorelDraw; SAS Planet, ArcGIS 10; STATISTICA; AutoCAD; Grapher.
Research interests:	Permafrost and soil formation, soil liquid phase and soil-water interactions, chemical composition and sampling methods of soil liquid phase, permafrost wetlands, geochemical research methods of soil and water bodies.
2011 – to date	Participant of Interregional public organization "Society of Soil Science named Dokuchaev V.V."
2011 - 2013	Increased Academic Scholarship of TSU
Number of Publications:	18 articles (including conference proceeding and peer-reviewed articles)
Major Publications:	1. Raudina, T.V., Loiko, S.V., Lim, A.G., Krickov, I.V., Shirokova, L.S., Istigechev, G.I., Kuzmina, D.M., Kulizhsky, S.P., Vorobyev, S.N., Pokrovsky, O.S. Dissolved organic carbon, major and trace element in peat pore water of sporadic, discontinuous and continuous permafrost zone of Western Siberia. *Biogeosciences Discuss*, 2017, in review. doi:10.5194/bg-2017-24 2. Morgalev, Y.N., Lushchaeva, I.V., Morgaleva, T.G., Kolesnichenko, L.G., Loiko, S.V., Krickov, I.V. Lim, A.G., Raudina, T.V., Volkova, I.I,. Shirokova, L.S., Morgalev, S.Y., Vorobyev, S.N., Kirpotin, S.N., Pokrovsky, O.S. Bacteria primarily metabolize at the active layer/permafrost border in the peat core from a permafrost region in western Siberia. *Polar Biology*, 2017, 1–15. doi:10.1007/s00300-017-2088-1 3. Zakharchenko, A.V, Pasko, O.A, Ipatova D.V., Raudina, T.V. Anthropogenic soils on forest land of sanitary protection zone of extra high voltage overhead lines. *Bulletin of the Tomsk Polytechnic University. Geo Assets Engineering*, 327(11), 2016, 86–95 4. Raudina, T.V., Loyko, S.V., Krickov, I.V., Lim, A.G. Comparing the composition of soil waters of West Siberian frozen mires sampled by different methods. *Tomsk State University Journal of Biology*, 3(35), 2016, 26–42. doi: 10.17223/19988591/35/2 5. Spirina, V. Z., Raudina, T.V. Features of pedogenesis and spatial distribution of the South-Eastern Altai highland soils. *Tomsk State University Journal of Biology*. 2015. 2(30). 6–19. doi: 10.17223/19988591/30/1 6. Raudina, T.V., Kulizhskiy, S.P., Spirina, V. Z. Influence of cryogenic processes on the soil profile formation in the central part of the Tazovskiy Peninsula. *Tyumen State University Herald. Natural Resource Use and Ecology*. 1(1), 2015, 33–44. 7. Raudina, T.V., Kulizhskiy, S.P. Features of Soil Formation in the North of Western Siberia in Cryogenic Conditions. World Academy of Science, Engineering and Technology, International Science Index 89, *International Journal of Environmental, Ecological. Geological and Mining Engineering*, 8(5), 2014, 1–5.

8. Achat, D.L., Bakker, M.R., Augusto, L.D., Derrien, Gallegos, N., Lashchinskiy, N., Milin, S., Nikitich, P., Raudina, T., Rusalimova, O., Zeller, B., and Barsukov, P. Phosphorus status of soils from contrasting forested ecosystems in southwestern Siberia: effects of microbiological and physicochemical properties. *Biogeosciences*, 10, 2013, 733–752. doi:10.5194/bg-10-733-2013

Participation in grants/contracts:

2010 Grant in accordance with Resolution of RF Government № 220 dated April 09, 2010, under Agreement №14.B25.31.0001 with Ministry of Education and Science of the Russian Federation dated June 24, 2013 (BIO-GEO-CLIM)

2012 Received funding from Federal Target Program "Academic and teaching staff of innovative Russia in 2009-2013" (№ 14.740.11.0935) as a participant-investigator on the subject "Features biogeochemical processes and the carbon cycle of wetlands landscapes of Western Siberia in the context of the latest climate change"

2012 Received funding from Russian Foundation for Basic Research (№ 01200903831) as a participant-investigator on the subject "Determination of the resistance of biosystems based on the study of biodiversity in Western Siberia"

2012 Received funding from Federal Target Program "Academic and teaching staff of innovative Russia in 2009-2013" (№12.741.12.0189) as a participant-investigator of organizational committee for the All-Russian Youth Conference "Modern Problems of Soil Science and Nature in Siberia"

2013 Received funding from Russian Foundation for Basic Research (№14-04-00967 –A) as a participant-investigator on the subject "Diagnostics and modeling of the radial lateral migration finely distributed matter in texture-differentiated soils using particle-labels"

2014 Grant of President of Russian Federation for State Support of Leading Scientific School (№5946.2014.5) on the subject "Forest and swamp landscapes of Western Siberia as an indicator and regulator of climate change on a global scale"

2014 Received funding from Russian Foundation for Basic Research (№14-35-50808 –mol_nr) as a principal investigator on the subject "Experimental study of forms of element transportation in the soil solutions within the southern border of Western Siberia permafrost zone"

2015 Received funding from Russian Foundation for Basic Research (№16-05-00797– A) on the subject " Biotic carbon cycle and the water migration in palsas of Northern taiga of West Siberia"

2016 Received funding from Russian Foundation for Basic Research (№16-54-16005). Competition of joint Russian-French initiative project "Mechanisms of accumulation and heterogeneity of the spatial distribution of soil organic carbon in cryogenic soils of Western Siberia"

2017 Project within the framework of government assignment of the subordinate educational organizations "Structure and functioning of floodplain biogeocenoses of the Ob river in the context of climatic and anthropogenic changes"

English skills: Russian (native language)

English (Certificates of English language courses, Prof. Dev. – Eng. lg., Tomsk; IELTS)

Personal qualities: Responsibility, organization, sociability, mobility