

<b>Name</b>	<b>Evgeny Abakumov</b>
<b>Position</b>	Professor, Head of Department of Applied Ecology
<b>Affiliation</b>	St. Petersburg State University
<b>Higher education</b>	<ul style="list-style-type: none"> <li>• <b>1996-2001</b> Dept. of soil science and soil ecology, St. Petersburg State University</li> </ul>
<b>Academic career</b>	<ul style="list-style-type: none"> <li>• <b>2012</b> Dr. habil in soil science and soil ecology</li> <li>• <b>2005</b> PhD in soil science</li> <li>• <b>2004 -2013</b> assistant professor, Department of Soil Science of St. Petersburg State University 2013- till now professor , Department of Applied Ecology, St. Petersburg State University 2015- till now head of Department of Applied Ecology, St. Petersburg State University</li> <li>• <b>2001-2004</b> PhD student in soil science and soil ecology dept. of St. Petersburg State University</li> </ul>
<b>Teaching activities</b>	<p>Saint Petersburg State University</p> <p>M.Sc. Cultural Biotopes and Agroecology Environmental rationing Environmental Impact Assesment Soils of the World Soil Ecology</p> <p>B.Sc. Soil ecological functions Soils of the World Environmental management Environmental policy</p>
<b>Research and development projects during the past 5 years</b>	<p>RFBR (Russian Foundation for Basic Research) 12-04-00680-a "Organic matter of soils and biosediments of Antarctica: sources, compositions and biogeochemical role"</p> <p>RFBR 09-04-90808-моб_ст "Travel grant for research of Abakumov E.V. in Institute of Ecology of Vlaga Basign"</p> <p>RFBR 12-04-33017 - a "Mechanisms of initial soil formation: investigatio of various trend and prognisis of soil regeneration"</p> <p>RFBR 13-04-90411- урк-ф-а "Billogical and soil processes in unique tundras of Waetern Antarctic : biogeography, biogeochemistry and ecology of isolated ecosystems in time and space"</p> <p>Federal Target Programm "Research and Development" State Contract 16.512.11.2161 "Elaboration of methods of remediation of the territories with use of humic substances"</p> <p>Federal Target Programm "Research and Development" State Contract</p>

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	<p>11.519.11.2003 "Elaboration and develoemtn of environmental impact assesment system of polar landscpae of Antarctic"</p> <p>15-04-200844 RFBR mol-a-ved "Soil formation in fast ecogenetic scenarios: assesmen of quik pedological rates and eciststems development parameters"</p> <p>16-34-60010 - mol-a-dk "Biogeochemical carbon cycle in polar ecosystems^ formation, transformation, evolution"</p> <p>15-04-06118 RFBR-a "Soils of Antarctic Peninsula^ factors, diversity and their role in terrestrial ecosystems functioning"</p> <p>MD 3615-2014-4 Grant of Russian president for young doctors of science "Complex investigation of diversity and ecological functions of North-Western Siberia (expepliefied on Yamal and Gydan peninsula)"</p> <p><i>Russian Scientific Foundation "Soil biota dynamics in chroseries of posttechnogenic landscapes: analyses of soil-ecological effectiveness of ecosysytems restoration", 17-16-01030</i></p>
<p><b>Significant publications during the past 5 years</b></p>	<p>Selected publications from overall 148:</p> <p>Maksimova, E., Abakumov, E. 2017. Micromorphological characteristics of sandy forest soils recently impacted by wildfires in Russia, <i>Solid Earth</i>, 8 (2), pp. 553-560.</p> <p>Maksimova, E.Y., Kudinova, A.G., Abakumov, E.V. 2017 Functional activity of soil microbial communities in post-fire pine stands of Tolyatti, Samara oblast. <i>Eurasian Soil Science</i>, 50 (2), pp. 239-245.</p> <p>Alekseev, I., Kostecki, J., Abakumov, E. 2017. Vertical electrical resistivity sounding (VERS) of tundra and forest tundra soils of Yamal region <i>International Agrophysics</i>, 31 (1), pp. 1-8.</p> <p>Chukov, S.N., Ejarque, E., Abakumov, E.V. 2017. Characterization of humic acids from tundra soils of northern Western Siberia by electron paramagnetic resonance spectroscopy. <i>Eurasian Soil Science</i>, 50 (1), pp. 30-33.</p> <p>Ejarque, E., Abakumov, E. 2016. Stability and biodegradability of organic matter from Arctic soils of Western Siberia: Insights from 13C-NMR spectroscopy and elemental analysis. <i>Solid Earth</i>, 7 (1), pp. 153-165.</p> <p>Alekseev, I., Abakumov, E. 2016. Vertical electrical sounding of soils and permafrost of marine terraces of gronfjord (svalbard archipelago) (2016) <i>Czech Polar Reports</i>, 6 (2), pp. 210-220.</p> <p>Abakumov, E., Tomashunas, V. 2016. Electric resistivity of soils and upper permafrost layer of the Gydan Peninsula. <i>Polarforschung</i>, 86 (1), pp. 27-34.</p> <p>Shamilishvili, G.A., Abakumov, E.V., Gabov, D.N., Alekseev, I.I. 2016. Features of fractional composition of polycyclic aromatic hydrocarbons and multielement contamination of soils of urban territories and their hygienic characteristics (on the example of soils of functional zones of Saint-Petersburg). <i>Gigiena i Sanitariya</i>, 95 (9), pp. 827-837.</p> <p>Alekseev, I.I., Abakumov, E.V., Shamilishvili, G.A., Lodygin, E.D. 2016. Heavy</p>

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	<p>metals and hydrocarbons content in soils of settlements of the Yamal-Nenets autonomous Okrug. <i>Gigiena i Sanitariya</i>, 95 (9), pp. 818-821.</p> <p>Kirtsideli, I.Yu., Abakumov, E.V., Teshebaev, Sh.B., Zelenskaya, M.S., Vlasov, D.Yu., Krylenkov, V.A., Ryabusheva, Yu.V., Sokolov, V.T., Barantsevich, E.P. 2016. Microbial communities in regions of arctic settlements. <i>Gigiena i Sanitariya</i>, 95 (10), pp. 923-929.</p> <p>Abakumov, E.V., Suyundukov, Ya.T., Pigareva, T.A., Semenova, I.N., Khasanova, R.F., Biktimerova, G.Ya., Rafikova, Yu.S., Ilbulova, G.R. 2016. Biological and sanitary evaluation of sibaisky quarry dumps of the bashkortostan republic <i>Gigiena i Sanitariya</i>, 95 (10), pp. 929-934.</p> <p>Abakumov, E.V., Tomashunas, V.M., Lodygin, E.D., Gabov, D.N., Sokolov, V.T., Krylenkov, V.A., Kirtsideli, I.Y. 2015. Polycyclic aromatic hydrocarbons in insular and coastal soils of the Russian Arctic. <i>Eurasian Soil Science</i>, 48 (12), pp. 1300-1305.</p> <p>Chukov, S.N., Abakumov, E.V., Tomashunas, V.M. 2015. Characterization of humic acids from antarctic soils by nuclear magnetic resonance. <i>Eurasian Soil Science</i>, 48 (11), pp. 1207-1211.</p> <p>Maksimova, E., Abakumov, E. 2015. Wildfire effects on ash composition and biological properties of soils in forest-steppe ecosystems of Russia. <i>Environmental Earth Sciences</i>, 74 (5), pp. 4395-4405.</p> <p>Shamilishvili, G.A., Abakumov, E.V., Ryumin, A.G. 2015. Assessment of the mobile forms of zinc and copper content in soil samples from areas of different land use on example of the Krasnogvardeisky District of the St. Petersburg <i>Environmental Earth Sciences</i>, 74 (4), pp. 3417-3431.</p> <p>Abakumov, E.V., Suyundukov, Ya.T., Biktimerova, G.Ya., Pigareva, T.A. 2015. Ecological and sanitary characteristics of the copper pyrite quarry (Baymak Region, The Republic of Bashkortostan). <i>Gigiena i Sanitariya</i>, 94 (6), pp. 46-50.</p> <p>Abakumov, E., Lodygin, E., Tomashunas, V. 2015. <sup>13</sup>C NMR and ESR characterization of Humic substances isolated from soils of two Siberian Arctic islands. <i>International Journal of Ecology</i>, 2015, статья № 390591.</p> <p>Abakumov, E.V., Parnikoza, I.Y., Lupachev, A.V., Lodygin, E.D., Gabov, D.N., Kunakh, V.A. 2015. CONTENT OF POLYCYCLIC AROMATIC HYDROCARBONS IN SOILS OF ANTARCTIC STATIONS REGIONS. <i>Gigiena i sanitariia</i>, 94 (7), pp. 20-25.</p> <p>Tomashunos, V.M., Abakumov, E.V. 2014. The content of heavy metals in soils of the Yamal Peninsula and theBely Island. <i>Gigiena i sanitariia</i>, 93 (6), pp. 26-31., Scopus</p> <p>Abakumov, E., Mukhametova, N. 2014. Microbial biomass and basal respiration of selected Sub-Antarctic and Antarctic soils in the areas of some Russian polar stations. <i>Solid Earth</i>, 5 (2), pp. 705-712. Scopus</p> <p>Abakumov, E., Trubetskoj, O., Demin, D., Trubetskaya, O. Electrophoretic evaluation of initial humification in organic horizons of soils of western Antarctica (2014) <i>Polarforschung</i>, 83 (2), pp. 73-82.</p>

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	<p>Maksimova, E.Y., Tsibart, A.S., Abakumov, E.V. 2014. Soil properties in the Tol'yatti pine forest after the 2010 catastrophic wildfires. <i>Eurasian Soil Science</i>, 47 (9), pp. 940-951.</p> <p>Abakumov, E.V., Gagarina, E.I., Sapega, V.F., Vlasov, D.Y. 2013. Micromorphological features of the fine earth and skeletal fractions of soils of West Antarctica in the areas of Russian Antarctic stations. <i>Eurasian Soil Science</i>, 46 (12), pp. 1219-1229.</p> <p>Abakumov, E.V., Cajthaml, T., Brus, J., Frouz, J. 2013. Humus accumulation, humification, and humic acid composition in soils of two post-mining chronosequences after coal mining. <i>Journal of Soils and Sediments</i>, 13 (3), pp. 491-500.</p>
<p><b>Activities in scientific organizations and associations during the past 5 years</b></p>	<ul style="list-style-type: none"> <li>• <b>Since 2004</b> Russian Dokuchaev Soil Science Society, secretary of group of Soil organic matter</li> </ul>