

<b>Name</b>	<b>Alexey Piskarev-Vasiliev</b>
<b>Position</b>	Chief research scientist
<b>Affiliation</b>	All-Russian Research Institute for Geology and Mineral Resources of the World Ocean (VNIIOkeangeologia)  St. Petersburg State University
<b>Higher education</b>	<ul style="list-style-type: none"> <li>• <b>1990</b> All-Russian Research Institute for Geology and Mineral Resources of the World Ocean (VNIIOkeangeologia), St. Petersburg, Russia. D.Sc. in Exploration Geophysics.</li> <li>• <b>1972</b> A.P. Karpinsky Russian Geological Research Institute (VSEGEI), St. Petersburg, Russia. PhD in Exploration Geophysics.</li> <li>• <b>1961</b> Leningrad Mining Institute, USSR. MSc in Exploration Geophysics.</li> </ul>
<b>Academic career</b>	<ul style="list-style-type: none"> <li>• <b>2005 to present</b> Principal Researcher, All-Russian Research Institute for Geology and Mineral Resources of the World Ocean (VNIIOkeangeologia), St. Petersburg, Russia</li> <li>• <b>2004</b> Associate Member of the Russian Academy of Natural Sciences</li> <li>• <b>1999-2005</b> Senior Researcher, Geological Institute of the Russian Academy of Science, Moscow, Russia</li> <li>• <b>1962-1999</b> Geophysicist, Head of Research Group, All-Russian Research Institute for Geology and Mineral Resources of the World Ocean (VNIIOkeangeologia), St. Petersburg, Russia</li> </ul>
<b>Teaching activities</b>	<ul style="list-style-type: none"> <li>• <b>2002 to present</b> Lecturer, “Marine Geophysics”, fourth year of Bachelor’s program, St. Petersburg State University</li> <li>• <b>2012</b> Lecturer, “Geology, Geophysics, Mineral Resources of Arctic”, second year of Master’s program, St. Petersburg State University</li> <li>• <b>2008-2012</b> Lecturer, “Integration of Geophysical Methods”, the fifth (last) training course for diploma engineer, St. Petersburg Mining University</li> </ul>
<b>Research and development projects during the past 5 years</b>	<ul style="list-style-type: none"> <li>• <b>2012 to present.</b> Preparing of the official submission into UN Commission on the Expanded Limits of the Continental Shelf of Russia in the Arctic Ocean;</li> <li>• <b>2012 to present.</b> Construction and analysis of the 3D Geophysical Models of the Earth’s Crust in the Arctic Ocean;</li> <li>• <b>2013-2015.</b> Integrated Analysis of the Geophysical Data on the oil deposit prospecting in the Northern Barents Sea</li> <li>• <b>2015-2017.</b> Lithostratigraphic correlation of the abyssal Arctic Ocean sediments by paleomagnetic and mineralogical analysis</li> </ul>
<b>Significant publications during the past 5 years</b>	Selected publications from overall 165: Piskarev, A. and Elkina, D. Giant caldera in the Arctic Ocean: Evidence of the catastrophic eruptive event. Sci. Rep. 7, 46248; doi: 10.1038/srep46248 (2017). Piskarev A.L., Poselov V.A., Kaminsky V.D., Avetisov G.P., Butsenko V.V.,

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	<p>Glebovsky V.Yu., Gusev E.A., Zholondz C.M., Kireev A.A., Smirnov O.E., Firsov Yu.G., Zinchenko A.G., Pavlenkin A.D., Poselova L.G., Savin V.A., Chernykh A.A., Elkina D.V. Arctic Basin (Geology and Morphology). SPb: VNIIOkeangeologia, 2017. 291 p.</p> <p>Piskarev A.L., Kireev A.A., Savin V.A., Smirnov O.E. Igneous rocks of Triassic and Jurassic-Cretaceous age in the sediment sequences of North Barents Basin \\ Regional geology and metallogeny № 69/2017, p. 15-22.</p> <p>A.L. Piskarev, V.K. Palamarchuk, N.V. Glinskaya, and E.V. Burdakova. To the question about marine electric prospecting methods developing for oil and gas deposits search on shelf environment \\ Asian Jr. of Microbiol. Biotech. Env. Sc. Vol. 18, No. (4): 2016. 1037-1042.</p> <p>A. L. Piskarev, G. S. Kazanin, A. A. Kireev et al. 2016. The structure of the eastern slope of the North Barents depression and prospects for giant oil fields discovery in the region \\ Prospect and protection of mineral resources, №1, p. 44-48.</p> <p>Piskarev, A. and Elkina, D. Pliocene-Quaternary sedimentation rates on the Mendeleev Ridge according to paleomagnetic studies \\ Carotazhnik, 2014, №5. P. 3-16.</p> <p>Piskarev, A.L., Savin, V.A. Geophysical modeling during the forecast of petrophysical properties of earth's crust in arctic seas (2013) Gornyi Zhurnal, (11), pp. 80-84.</p> <p>A. L. Piskarev, I. A. Andreeva, and E. G. Gus'kova. Paleomagnetic Data on the Sedimentation Rate near the Mendeleev Rise (Arctic Ocean) // Oceanology, 2013, Vol. 53, No. 5, pp. 620–629.</p> <p>Piskarev A.L., Shkatov M. Yu. 2012. <i>Energy Potential of the Russian Arctic Seas: Choice of the Development Strategy</i>. Developments in Petroleum Science, Volume 58. Elsevier, Amsterdam. 420 p.</p> <p>Piskarev A. L., V. V. Butsenko, V. A. Poselov, V. A. Savin. 2012. <i>Deep Structure of the Sea Of Okhotsk Basin Deduced from the Data of 3d Density Modeling</i>. Oceanology, vol. 52, No 3. P. 1-12.</p>
<b>Activities in scientific organizations and associations during the past 5 years</b>	<p><b>Since 2012</b> Geophysical Prospecting, Reviewer for papers</p>
<b>Awards</b>	<ul style="list-style-type: none"> <li>• <b>2013</b> The title of Honored Prospector assigned by Ministry of Natural Resources</li> <li>• <b>2012</b> Order Vilkitzky assigned by Polar Research Foundation</li> <li>• <b>1998</b> Prize winner of the international academic publishing company "Nauka" for series of papers "Tectonics and Petroleum Potential of Ocean and Seas".</li> </ul>