

Name	Boris Ivanov
Position	Head of Laboratory, Arctic and Antarctic Research Institute Associate Professor, Department of Oceanology, Saint Petersburg State University
Affiliation	Arctic and Antarctic Research Institute, Saint Petersburg State University
Higher education	<ul style="list-style-type: none"> • 1988 Ph.D. (equivalent), Arctic and Antarctic Research Institute, Leningrad, USSR; thesis title: "Physical processes in marginal ice zone of drifting sea ice" • 1978 M.Sc. (equivalent), Geography department, Leningrad State University, USSR; diploma title: "Interior tide waves in the Nordic sea"
Academic career	<ul style="list-style-type: none"> • 2001 to present As. Prof. SPbSU, oceanographic department • 2000 to present Head of the laboratory of air-sea interaction processes, AARI, St. Petersburg, Russia, 1978-1999 Research Assistant (Senior Scientist) at the Arctic and Antarctic Research Institute, St. Petersburg, Russia
Teaching activities	<p>Saint Petersburg University M.Sc.courses: POMOR: Physics of atmosphere-ocean surface layers CORELIS: Feature of energy and mass exchange in the atmosphere surface layer and soil active layer</p> <p>B.Sc. courses: Physics of sea waters (Thermodynamic) Interaction atmosphere and ocean</p> <ul style="list-style-type: none"> • 2015 to present Supervisor of postgraduate study of AARI: Anna Wesman " Features of the manifestation of global warming processes in the waters surrounding the Spitsbergen archipelago during XX-XXI centuries" • 2003-2006, 2009-2011 Supervisor of joint "FRAM Arctic laboratory" (Norwegian Polar Institute-University of Svalbard-AARI) • 2003 to present Associate professor, joint Russian-German M.Sc. POMOR Lectures: "Physics of boundary layers of the atmosphere and ocean" • 2001 to present Associate professor, Saint Petersburg State University, Institute of Earth Sciences, Department of Oceanography, St. Petersburg, Russia Lectures: "Physics of sea water"
Research and development projects during the past 5 years	<ul style="list-style-type: none"> • 2017-2018 Cooperation MET-Norway – AARI – SPbSU joint project "Frantz Joseph land – past and present climate" • 2016-2018 Cooperation SPbSU-UiT joint project "Oceanographic regime of Svalbard fiord on example Grønfjorden and Billefjorden" (part II) • 2014-2016 Cooperation SPbSU-UiT joint-project "Oceanographic regime of Svalbard fiord on example Grønfjorden and Billefjorden" (part I) • 2015-2016 Cooperation Met.no (NMI)-SPbSU joint project "Is-fiord – past and present climate" (part III)

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	<ul style="list-style-type: none"> • 2013-2015 Cooperation Met.no (NMI)-AARI joint project “Is-fiord – past and present climate” (part I, II)
Significant publications during the past 5 years	<p>Selected publications from overall 100</p> <p>Vesman A.V., Ivanov B.V., Volkov V.A., 2017. Changes in thermohaline system on the west Spitsbergen shelf since 1950 to present time. <i>Czech Polar Reports</i>, № 7(1), 62-73 pp. DOI: 10.5817/CPR2017-1-7</p> <p>Urazgildeeva, A. V., Sviashchennikov, P. N., Ivanov, B. V., Isaksen, K., Førland, E. J., Brækkan, R., 2017. Comparative analysis of Russian and Norwegian precipitation gauges measurements in Barentsburg, Western Spitsbergen. <i>Czech Polar Reports</i>, № 7(1), 45-51 pp. DOI: 10.5817/CPR2017-1-5</p> <p>H.M. Gjeltén, Ø.Nordli, K. Isaksen, E.J. Førland, P. N. Sviashchennikov, P. Wyszynski, U.V. Prokhorova, R. Przybylak, B.V. Ivanov, A. V. Urazgildeeva, 2016. Air temperature variations and gradients along the coast and fjords of western Spitsbergen. <i>Polar Research</i>, 35, 29878</p> <p>Pavlov A.K., Stedmon C.A., Semushin A.V., Martma T., Ivanov B.V., Kowalczyk P., Granskog M.A. 2016. Linkages between the circulation and distribution of dissolved organic matter in the White Sea, Arctic Ocean. <i>Continental Shelf Research</i>, 119(2016)1–13. http://dx.doi.org/10.1016/j.csr.2016.03.004</p> <p>Tislenko D.I., Ivanov B.V. 2015. Long-term variability of Atlantic water temperature in the Svalbard fjords in conditions of past and recent global warming. <i>Czech Polar Reports</i>, № 5(2), 134-142 pp.</p> <p>Ivanov B.V., Svyashchennikov P.N., 2015. Albedo of the snow-glacier surface of Svalbard. <i>Atmosphere and Oceanic Physics</i>, Issue of RAS, vol. 51, № 9, pp. 943-948.</p> <p>Sviashchennikov P.N., Ivanov B.V., Govorina I.A. 2014. Environmental pollution impact on radiation properties of atmosphere, snow and ice cover: Study from Barentsburg (Spitsbergen archipelago). <i>Czech Polar Reports</i>, № 4(2), 178-184 pp.</p> <p>Ivanov B.V., Sviashchennikov P.N., Zhuravskiy D.M., Pavlov A.K., Førland E.J., Isaksen K. 2014. Sea ice metadata for Billefjorden and Grønfjorden, Svalbard. <i>Czech Polar Reports</i>, № 4(2), 1129-139 pp.</p> <p>Pavlov A.K., Granskog M.A., Stedmon C.A., Ivanov B.V., Hudson S.R., Falk-Petersen S., 2014. Contrasting optical properties of surface waters across the Fram Strait and its potential biological implications. <i>Journal of Marine Systems</i>. doi: 10.1016/j.jmarsys.2014.11.001</p> <p>Ivanov B.V., Sviashchennikov P.N., Zhuravskiy D.M., Pavlov A.K., Forland E.J., 2014. Metadata for a long-term climate series from the Russian meteorological station “Pyramiden” (1948-1957) at Svalbard. <i>Czech Polar Reports</i>, №4(1), 42-47 pp.</p> <p>A.K. Pavlov, V. Tverberg, B.V. Ivanov, F. Nilsen, S. Falk-Petersen, M.A. Granskog, 2013. Warming of Atlantic Water in two west Spitsbergen fjords</p>

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	<p>over the last century (1912-2009). <i>Polar Research</i>, 32, 11206, http://dx.doi.org/10.3402/polar.v32i0.11206</p> <p>D. Zhuravskiy, B. Ivanov and A. Pavlov, 2012. Ice conditions at Gronfjorden Bay, Svalbard, from 1974 to 2008. <i>Polar Geography</i>, http://www.tandfonline.com/doi/full/10.1080/1088937X.2012.662535</p>
<p>Activities in scientific organizations and associations during the past 5 years</p>	<ul style="list-style-type: none"> • 2011 to present Member of the Working Group (climate expert) of Norwegian-Russian Commission on Barents Sea region • 1980 to present Russian Geographic Society (Polar Commission), Russia