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| Name | Alexey Krylov |
| Position | Associate Professor |
| Affiliation | VNIIOkeangeologia St. Petersburg State University, Institute of Earth Sciences |
| Higher education | <ul style="list-style-type: none"> • 2000 PhD at St. Petersburg State University, Faculty of Geology • 1991-1996 St. Petersburg State University, Faculty of Geology, Department of Lithology and marine geology, St. Petersburg, Russia |
| Academic career | <ul style="list-style-type: none"> • Since 2017 Leading Researcher, Scientist at the Academician I.S. Gramberg All-Russia Research Institute for Geology and Mineral Resources of the World Ocean (VNIIOkeangeologia), St. Petersburg, Russia • Since 2013 Associate Professor at the St. Petersburg State University, Faculty of Geology, St. Petersburg, Russia • 2008-2012 Senior Scientist at the Academician I.S. Gramberg All-Russia Research Institute for Geology and Mineral Resources of the World Ocean (VNIIOkeangeologia), St. Petersburg, Russia • 2005-2008 Research Associate (post doc) at the Kitami Institute of Technology, Kitami, Japan • 1994-2005 Engineer, Junior Scientist, Research Scientist, Senior Scientist at the Academician I.S. Gramberg All-Russia Research Institute for Geology and Mineral Resources of the World Ocean (I.S. Gramberg VNIIOkeangeologia), St. Petersburg, Russia |
| Teaching activities | <p>St. Petersburg State University, St. Petersburg, Russia</p> <p>M.Sc. Ocean basins: morphology, tectonic structure and dynamics; Particularities and Features of Cold Region Geology</p> <p>B.Sc. Lithology (Sedimentology); Isotopic Methods in Lithology and Oil and Gas Geology; Topical Issues of Oil and Gas Geology</p> |
| Research and development projects during the past 5 years | <ul style="list-style-type: none"> • 2012-2014 Federal grant of Russian Fund for Basic Research (RFBR-12-05-00364): <i>Principal investigator.</i> • 2015 Grant from Otto Schmidt Laboratory for Polar and Marine Research (OSL-15-12): Cenozoic history of the perennial/seasonal Ice in the Central Arctic: <i>Principal investigator.</i> • 2014 Grant from Otto Schmidt Laboratory for Polar and Marine Research (OSL-12-14): Cenozoic Ice/Iceberg history of the Central Arctic Ocean (Based on IODP-302 data): <i>Principal investigator.</i> • 2013 Grant from Otto Schmidt Laboratory for Polar and Marine Research (OSL-13-12): <i>Principal investigator.</i> |
| Significant publications during the past 5 years | Selected publications from overall 28 |

| Name | Alexey Krylov |
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| | <p>Gusev E., Rekant P., Kaminsky V., Krylov A., Morozov A., Shokalsky S. & Kashubin S. (2017) Morphology of seamounts at the Mendeleev Rise, Arctic Ocean // <i>Polar Research</i>, 36:1, 1298901, DOI:10.1080/17518369.2017.1298901</p> <p>Krylov A.A., Khlystov O.M., Hachikubo A., Minami H., Pogodaeva T.V., Zemskaya T.I., Krzhizhanovskaya M.G., Muzafarova L.E., Atanyazov R.Zh. (2017) Mechanism of authigenic rhodochrosite formation in the near-bottom sediments of the Saint-Petersburg-2 gas-hydrate-bearing structure (central basin of the Baikal Lake) // <i>Neftegazovaya Geologiya. Teoriya i Praktika</i>, 2017, vol. 12, no. 1, available at: http://www.ngtp.ru/rub/12/8_2017.pdf</p> <p>Krylov A.A., Logvina E.A., Matveeva T.V., Prasolov E.A., Sapega V.F., Demidova A.L., Radchenko M.S. (2015), Ikaite (CaCO₃·6H₂O) in bottom sediments of the Laptev Sea and the role of anaerobic methane oxidation in this mineral-forming process // <i>Zapiski RMO</i> (Transaction of the Russian Mineralogical Society), 4, p. 61-75.</p> <p>Grikurov G.E., Petrov O., Shokalsky S., Rekant P., Krylov A., Laiba A., Belyatsky B., Rozinov M., Sergeev S. (2014), Zircon geochronology of bottom rocks in the central Arctic Ocean: analytical results and some geological implications // ICAM VI: Proceedings of the International Conference on Arctic Margins VI, Fairbanks, Alaska. SPb.: Press VSEGEI, p. 211-232.</p> <p>Krylov A.A., Stein R., Ermakova L.A. (2014) Clay minerals as indicators of Late Quaternary sedimentation constraints in the Mendeleev Rise, Amerasian Basin, Arctic Ocean // <i>Lithology and Mineral Resources</i>, 2014, Vol. 49, No 1, p. 103-116.</p> |