

POMOR IV (2009-2011)

Name	Master thesis	Scientific supervisors
Alexandrova, Alina	Synoptic variability of flows among the factors in reference to conditions for beluga whale ( <i>Delphinapterus Leucas</i> ) occurrence and distribution in the Laptev Sea	PD Dr. U. Siebert (Forschungs- und Technologiezentrum Westküste, Universität Kiel), Dr. I. Shilov (SPbU, St. Petersburg)
Antonova, Sofya	Spatial and temporal variability of the fast ice in the Russian Arctic	Prof. Dr. R. Gerdes (AWI, Bremerhaven), Dr. E. Shalina (SPbU, St. Petersburg)
Baranova, Alina	Vegetation analysis in HeiHe River basin in frames of project of long-term optimization of water yield from the Qilian Mountains, province of Gansu	Prof. Dr. U. Schickhoff (Universität Hamburg), Prof. Dr. K. Petrov (SPbU, St. Petersburg)
Birin, Mikhail	Geological structure and dynamics of the Yenisei Gulf coast	Prof. Dr. H.-W. Hubberten (AWI, Potsdam), Prof. Dr. G. Cherkashov (VNIIOkeangeologia, St. Petersburg)
Dreshchinskii, Alexandr	The distribution of transparent exopolymer particles (TEP) in the world ocean	Prof. Dr. A. Engel (AWI, Bremerhaven), Prof. Dr. K. Burkov (SPbU, St. Petersburg)
Filippova, Alexandra	Tracing Holocene weathering input into the Kara sea with radiogenic isotopes (Sr and Nd).	Prof. Dr. M. Frank (IFM-GEOMAR, Kiel), Prof. Dr. A. Ganeev (SPbU, St. Petersburg)

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Ivanova, Ekaterina	The impact of climate change on the hydrology of a sphagnum bog in the north of Germany	Prof. L. Kutzbach (Universität Hamburg), Prof. Dr. N. Kobysheva (Voeikov Main Geophysical Observatory, St. Petersburg)
Kaparulina, Ekaterina	Reconstruction of surface ocean conditions in the western Norwegian Sea during MIS 5e using intra-interglacial variability of planktic foraminifera	Dr. H. Bauch (Akademie der Wissenschaften und der Literatur Mainz, c/o IFM-GEOMAR), Dr. N. Lukashina (Atlantic Branch of P.P. Shirshov Institute of Oceanology RAS, Kaliningrad)
Kryukova, Irina	Phytoplankton composition and geographical distribution in the eastern Laptev Sea in the autumn of 2008	Prof. Dr. C. Dullo (IFM-GEOMAR, Kiel), Dr. Ye. Polyakova (Lomonosov Moscow State University, Moskau)
Ledneva, Nastasya	The application of geophysical methods to solve the environmental problems in the Baltic Sea, the Kara Sea and Lake Ladoga	Dr. G. Schwamborn (AWI, Potsdam), Dr. M. Kashkevich (SPbU, St. Petersburg)
Loginova, Alexandra	Chromophoric dissolved organic matter in the Laptev Sea (Siberian Arctic): A comparison of in-situ observations, laboratory measurements, and remote sensing	Dr. J. Hoemann (AWI, Bremerhaven), Dr. S. Kirillov (AARI, St. Petersburg)
Mednik, Mikhail	Development of hydrocarbon resources of the Barents Sea: research of the possible impact on an environment and environmental protection on the example of the Shtokman Field Development Project	Dr. G. Frijia (Universität Potsdam), Prof. Dr. A. Evdokimov (The All-Russian Scientific Research Institute for Geology and Mineral Resources of the World Ocean VNIIOkeangeologia, St. Petersburg)

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Name	Master thesis	Scientific supervisors
Poliakova, Anastasia	Reconstruction of the vegetation of Podporozhsky district (Leningrad region, Russia) during the Holocene according to pollen analysis	Prof. Dr. R. Stein (AWI, Bremerhaven), Dr. T. Sapelko (Institute of Limnology RAS, St. Petersburg)
Rumyantseva, Nadiya	Melt trends over the Arctic over the last millennium estimated by climate models	Dr. A. Humbert (Universität Hamburg), Prof. Dr. K.Chistyakov (SPbU, St. Petersburg)
Selyuzhenok, Valeria	Validation of the satellite-based landfast sea ice maps	Prof. Dr. R. Gerdes (AWI, Bremerhaven), Dr. E. Shalina (SPbU, St. Petersburg)
Semeryuk, Irina	Identification of sea ice derived brine signals from the Siberian shelf areas based on stable oxygen isotope and salinity data along the Siberian continental margin obtained during NABOS cruises (2005-2009)	Dr. D. Bauch (IFM-GEOMAR, Kiel), Dr. V. Ivanov (AARI, St. Petersburg)
Sidorov, Ivan	The instruments of sustainable development applied to the northern territories of oil and gas production	Prof. Dr. C.Dullo (IFM-GEOMAR, Kiel), Prof. Dr. A. Tchistobaev (SPbU, St. Petersburg)
Tropina, Yulia	Assessing the impact of the Kola Mining and Metallurgical Company (Severonickel) on the environment	Prof. Dr. H.-W. Hubberten (AWI, Potsdam), Prof. Dr. V. Makeev (State Polar Academy, St. Petersburg)

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Tsvetkov, Dmitry	The evolution of sand ripples under oscillatory flow	Prof. Dr. P. Fröhle (Universität Rostock), Prof. Dr. V. Kuznetsov (SPbU, St. Petersburg)
Zhaden, Oleg	The melting of the Antarctic ice cover and assessing its change over the past millennium using climate models	Dr. A. Humbert (Universität Hamburg), Prof. Dr. K. Chistyakov (SPbU, St. Petersburg)
Zhuravleva, Anastasia	Paleoceanographic reconstruction of surface water characteristics in the northern North Atlantic during the Holocene and MIS 5 using planktic foraminifera	Dr. H. Bauch (Akademie der Wissenschaften und der Literatur Mainz, c/o IFM-GEOMAR), Dr. N. Lukashina (Atlantic Branch of P.P. Shirshov Institute of Oceanology RAS, Kaliningrad)