

POMOR Master theses 2021 (August 04, 2021)

	Student	Master thesis	Supervisor GER	Supervisor RUS	Reviewer
1	Cheung, Wilson (Wai Yin)	Surface and Bed Topography Mapping of Foxfonna & Rieperbreen Glacier, Svalbard, 1936-2020	Prof. Dr. Christian Haas, AWI	Prof. Dmitriy Ganiushkin, SPbU	Dr. Anton Terekhov, State Hydrological Institute, AARI
2	Ebrahimnezhad Darzi, Saeed	Spatial distribution patterns of the functional traits of megabenthic communities on Eurasian-Arctic shelves	Prof. Dr. Dieter Piepenburg, AWI	Dr. Marina Varfolomeeva, SPbU	Dmitry A. Aristov, Zoological Institute of RAS
3	Frolova, Anastasiia	Topographic effect for Rossby waves on a shear flow	Prof. Dr. Carsten Eden, Dr. Manita Chouksey, UHH	Prof. Dr. Tatiana Belonenko, SPbU	Dr. Vladimir G. Gnevyshev, Shirshov Institute of Oceanology RAS
4	Gavrilova, Anastasia	Calculation of mean Sr isotope ratio for the modern Caspian and Azov seas based on their catchment basins	Prof. Dr. Eva-Maria Pfeiffer, UHH	Prof. Dr. Anton Kuznetsov, SPbU	Dr. Tatyana S. Zaitseva, Institute of Precambrian Geology and Geochronology RAS
5	Kazachkova, Iuliia	Impact of urban green distribution on urban temperature	Dr. David Grawe, UHH	Dr. Nikolai Bobylev, SPbU	Prof. Dr. Eva-Maria Pfeiffer, UHH
6	Kil, Anna	Geochemical variations of mud volcano fluids in the Gulf of Cadiz	Prof. Dr. Klaus Wallmann, Dr. Christopher Schmidt, GEOMAR	Dr. Alexey Krylov, SPbU	Dr. Elizaveta A. Logvina, VNIIOkeangeologia
7	Krainova, Liubov	Metagenomic exploration of estuarine microorganisms with focus on PET-degrading enzymes	Prof. Dr. Wolfgang Streit, UHH	Dr. Mikhail Raiko, SPbU	Prof. Dr. Aleksandr Rodionov, Komarov Institute of Botany RAS
8	Krikunova, Alexandra	Postglacial vegetation and climate history of the northern Lake Onega region inferred from palynological record of Razlomnoe peatbog	Professor Dr. Pavel E. Tarasov, Freie Universität Berlin	Dr. Larisa Savelieva, SPbU	Prof. Dr. Dmitry A. Subetto, Herzen State Pedagogical University of Russia
9	Kudryakova, Julia	Development and prospects of Arctic tourism in the Murmansk region. Research sample: Teriberka village	Prof. Dr. Eva-Maria Pfeiffer, UHH	Prof. Dr. Konstantin Klovov, SPbU	Dr. Sergey Khrushchev, RANEPa

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10	Li, Changjia	Adaptation of extremophilic organisms to existence in polar ecosystems	Dr. Joachim Segschneider, CAU Kiel	Prof. Dr. Dmitry Vlasov, SPbU	tbc
11	Ovchinnikova, Anastasiia	Developing a methodology for semi-automated geological interpretation of topographic data in the Clarion-Clipperton-Zone, Eastern Pacific	Dr. Sven Petersen, GEOMAR	Prof. Dr. Georgy Cherkashov, SPbU	Dr. Igor V. Egorov, VNIIOkeangeologia
12	Pashovkina, Anastasiia	CDOM as an important component in the arctic freshwater ecosystems – a case study for the Kola Peninsula water objects	Prof. Dr. Anja Engel, GEOMAR	Dr. Irina Fedorova, SPbU	Dr. Yury Dvornikov, RUDN University
13	Rodés i Llorens, Nil	Gas hydrate stability and distribution in the fjords of Western Spitsbergen, Svalbard archipelago. An assessment based on indirect hydrate indicators	Prof. Dr. Gerhard Bohrmann, U HB	Dr. Alexey Krylov, SPbU	Dr. Martin Liira, University of Tartu
14	Saikovich, Kseniia	Analysis of Remotely Sensed Shoreline Dynamics in the Lena River Delta, NE Siberia	Prof. Dr. Guido Grosse, Potsdam University, AWI	Prof. Dr. Georgy Cherkashov, SPbU	Prof. Dr. Dmitry Bolshiyarov, AARI
15	Sakovich, Alena	Spatial Distribution of Microplastics and Zooplankton in the Canary Current Upwelling System	Dr. Werner Ekau, Dr. Tim Dudeck, Leibniz Centre for Tropical Marine Research	Dr. Irina Fedorova, SPbU	Dr. Vasily V. Povazhny, AARI
16	Sashanova, Arina	Comparative regional analysis on the achievement of the United Nations Sustainable Development Goals in the Arctic Zone of the Russian Federation, based on the methodology of the Voluntary Local Review	Prof. Dr. J. Otto Habeck, UHH	Dr. Nikolay Bobylev, SPbU	Dr. Igor A. Khodachek, RANPEA
17	Tebenкова, Natalia	Formation of the climatic signal of the isotopic composition of precipitation in Central Antarctica	Prof. Dr. Dirk Notz, UHH Prof. Dr. Thomas Laepple, AWI	Dr. Alexey Ekaykin, SPbU	Dr. Vladimir Lipenkov, AARI

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18	Tiburcio, Alejandro	Late Quaternary Environmental Change on the southern Morris Jesup Rise (Arctic Ocean)	Dr. Robert Spielhagen, GEOMAR	Dr. Alexey Krylov, SPbU	tbc
19	Tilvaldyeva, Leili Shehretovna	Genetic connectivity of the widespread hydrozoan <i>Aglantha digitale</i> from sub-arctic to central arctic regions	Dr. Charlotte Havermans, AWI	Dr. Vasiliy Povazhny, AARI	Ivan Kuznetsov, Zoological Institute RAS
20	Tselykh, Polina	Glacial/interglacial variability in transport and origin of detrital sediments of the Rio Grande Rise (Southwest Atlantic Ocean)	Prof. Dr. Martin Frank, GEOMAR	Prof. Dr. Vladislav Kuznetsov, SPbU	Dr. Ed Hathorne, GEOMAR
21	Zinchenko, Vadim	Conditional Emulators for Parameter Tuning in Earth Science Simulations	Prof. Dr. Johanna Baehr, UHH, Dr. David Greenberg, Helmholtz-Zentrum Hereon	Prof. Dr. Tatyana Belonenko, SPbU	Dr. Marcel Nonnenmacher, Helmholtz-Zentrum Hereon
22	Zotova, Ekaterina	Seasonal and annual variability of Svalbard's cloud cover	Dr. Amelie Schmitt, UHH	Dr. Boris Ivanov, SPbU	Dr. Elena M. Akentyeva, Voyeykov State Geophysical Observatory