

**WYKAZ**  
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**Instytutu Oceanologii Polskiej Akademii Nauk w roku 2014**

**Wykaz publikacji w czasopismach posiadających Impact Factor (IF) wyróżnionych przez Journal Citation Reports (JCR) - wykaz MNiSW lista A**

1. Bauerfeind E., Noethig E. M., Pauls B., Kraft A., **Beszczynska-Möller, A.**, “Variability in pteropod sedimentation and corresponding aragonite flux at the Arctic deep-sea long-term observatory HAUSGARTEN in the eastern Fram Strait from 2000 to 2009”, JOURNAL OF MARINE SYSTEMS, 2014, 132, 95-105, 10.1016/j.jmarsys.2013.12.006
2. **Beldowski J., Miotk M.**, Beldowska M., **Pempkowiak J.**, “Total, methyl and organic mercury in Sediments of the Southern Baltic Sea”, MARINE POLLUTION BULLETIN, 2014, 87, 388-395, dx.doi.org/10.1016/j.marpolbul.2014.07.001
3. Berge J., Cottier F. Varpe O., Renaud Paul E., Falk-Petersen S., **Kwaśniewski, S.**, Griffiths C., Soreide, J. E., Johnsen G., Aubert A., Bjaerke O., Hovinen J., Jung-Madsen S., Tveit M., Majaneva S., “Arctic complexity: a case study on diel vertical migration of zooplankton”, JOURNAL OF PLANKTON RESEARCH, 2014, 36 (5), 1279-1297, 10.1093/plankt/fbu059
4. Bernaś R., **Burzyński A.**, Dębowski P., **Poćwierz-Kotus A., Wenne R.**, “Genetic diversity within sea trout population from an intensively stocked southern Baltic river, based on microsatellite DNA analysis”, FISHERIES MANAGEMENT AND ECOLOGY, 2014, 21 (5), 398-409, 10.1111/fme.12090
5. Bielecka L., **Boehnke R.**, “Epibionts and parasites on crustaceans (Copepoda, Cladocera, Cirripedia larvae) inhabiting the Gulf of Gdansk (Baltic Sea) in very large numbers”, OCEANOLOGIA, 2014, 56 (3), 629-638, 10.5697/oc.56-3.629
6. Brown T. A., Belt S. T., **Tatarek A.**, Mundy C. J., “Source identification of the Arctic sea ice proxy IP25”, NATURE COMMUNICATIONS, 2014, 5, nr art. 4197, 10.1038/ncomms5197
7. **Bucholc K., Szymczak-Żyła M., Lubecki L.**, Zamojska A., **Hapter P.**, Tjemstroem E., **Kowalewska G.**, „Nutrient content in macrophyta collected from southern Baltic Sea beaches in relation to eutrophication and biogas production”, SCIENCE OF THE TOTAL ENVIRONMENT, 2014, 473, 298-307, 10.1016/j.scitotenv.2013.12.044
8. Dąbrowska H., Kopko O., Góra A., Waszak I., **Walkusz-Miotk J.**, „DNA damage, EROD activity, condition indices, and their linkages with contaminants in female flounder (*Platichthys flesus*) from the southern Baltic Sea, SCIENCE OF THE TOTAL ENVIRONMENT, 2014, 496, 488-498, 10.1016/j.scitotenv.2014.07.079
9. de Steur L., Hansen E., Mauritzen C., **Beszczynska-Möller, A.**; Fahrbach, E., “Impact of recirculation on the East Greenland Current in Fram Strait: Results from moored current meter measurements between 1997 and 2009”, DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS, 2014, 92, 26-40, 10.1016/j.dsr.2014.05.018
10. Drywa A., **Poćwierz-Kotus A.**, Dobosz S., Kent M. P., Lien S., **Wenne R.**, “Identification of multiple diagnostic SNP loci for differentiation of three salmonid

species using SNP-arrays”, MARINE GENOMICS, 2014, 15, 5-6, 10.1016/j.margen.2014.03.003

11. **Filipkowska A., Kowalewska G.**, Pavoni B., „Organotin compounds in surface sediments of the Southern Baltic coastal zone: a study on the main factors for their accumulation and degradation”, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2014, 21 (3), 2077-2087, 10.1007/s11356-013-2115-x
12. **Gołębiewski M.**, Deja-Sikora E., Cichosz M., Tretyn A., **Wróbel B.**, „16S rDNA Pyrosequencing Analysis of Bacterial Community in Heavy Metals Polluted Soils”, MICROBIAL ECOLOGY, 2014, 67 (3), 635-647, 10.1007/s00248-013-0344-7
13. Gonciarz M., **Wiktor J., Tatarek A.**, Weglenski P., Stankovic A., „Genetic characteristics of three Baltic *Zostera marina* populations”, OCEANOLOGIA, 2014, 56 (3), 549-564, 10.5697/oc.56-3.549
14. **Górska B., Grzelak K., Kotwicki L.**, Hasemann C., Schewe I., Soltwedel T., **Włodarska-Kowalczyk M.**, „Bathymetric variations in vertical distribution patterns of meiofauna in the surface sediments of the deep Arctic ocean (HAUSGARTEN, Fram strait)”, DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS, 2014, 91, 36-49, 10.1016/j.dsr.2014.05.010
15. Hammer K., Schneider B., **Kuliński K.**, Schulz-Bull D. E., “Precision and accuracy of spectrophotometric pH measurements at environmental conditions in the Baltic Sea”, ESTUARINE COASTAL AND SHELF SCIENCE, 2014, 146, 24-32, 10.1016/j.ecss.2014.05.003
16. Hogslund S., Sejr M. K., **Wiktor J. Jr.**, Blicher M. E., Wegeberg S., “Intertidal community composition along rocky shores in South-west Greenland: a quantitative approach”, POLAR BIOLOGY, 2014, 37 (11), 1549-1561, 10.1007/s00300-014-1541-7
17. **Iglikowska A.**, “Stranded: The conquest of fresh water by marine ostracods”, PALEONTOLOGICAL RESEARCH, 2014, 18 (3), 125-133, 10.2517/2014PRO14
18. Ishii M., Feely R. A., Rodgers K. B., Park G. H., Wanninkhof R., Sasano D., Sugimoto H., Cosca C. E., Nakaoka S., **Telszewski M.**, Nojiri, Mikaloff Fletcher S. E., Niwa Y., Patra P. K., Valsala V., Nakano H., I. Lima, Doney S. C., Buitenhuis E. T., Aumont O., Dunne J. P., Lenton A., Takahashi T., “Air–sea CO<sub>2</sub> flux in the Pacific Ocean for the period 1990–2009”, BIOGEOSCIENCES, 2014, 11, 709-734
19. Jakowczyk M., **Stramska M.**, “Spatial and temporal variability of satellite-derived sea surface temperature in the Barents Sea”, INTERNATIONAL JOURNAL OF REMOTE SENSING, 2014, 35 (17), 6545-6560, <http://dx.doi.org/10.1080/01431161.2014.958247>
20. Jakubas D., Wojczulanis-Jakubas K., Iliszko L., **Darecki M.**, Stempniewicz L., „Foraging strategy of the little auk *Alle alle* throughout breeding season – switch from unimodal to bimodal pattern.”, JOURNAL OF AVIAN BIOLOGY, 2014, 45, 551-560
21. **Jankowska E., Włodarska-Kowalczyk M., Kotwicki L., Bałazy P., Kuliński K.**, „Seasonality in vegetation biometrics and its effects on sediment characteristics and meiofauna in Baltic seagrass meadows”, ESTUARINE COASTAL AND SHELF SCIENCE, 2014, 139, 159-170, 10.1016/j.ecss.2014.01.003

22. **Kalamarz-Kubiak H.**, Meiri-Ashkenazi I., **Kleszczyńska A.**, Rosenfeld H., "In vitro effect of cortisol and urotensin I on arginine vasotocin and isotocin secretion from pituitary cells of gilthead sea bream *Sparus aurata*", JOURNAL OF FISH BIOLOGY, 2014, 84 (2), 448-458, 10.1111/jfb.12297
23. **Kalamarz-Kubiak H.**, Ashkenazi I. M., **Kleszczyńska A.**, Rosenfeld H., "Urotensin II Inhibits Arginine Vasotocin and Stimulates Isotocin Release from Nerve Endings in the Pituitary of Gilthead Sea Bream (*Sparus aurata*)", JOURNAL OF EXPERIMENTAL ZOOLOGY PART A-ECOLOGICAL GENETICS AND PHYSIOLOGY, 2014, 321 (8), 467-471, 10.1002/jez.1875
24. Kolicka M., Kisielewski J., **Kotwicki L.**, Zawierucha K., **Grzelak K.**, „Checklist of Gastrotricha of the Polish Baltic Sea with the first reports of *Heterolepidoderma joermungandri* Kanneby, 2011, and *Turbanella hyalina* Schultze, 1853", ZOOTAXA, 2014, 3869 (2), 101-130
25. **Kotwicki L.**, Deidun A., **Grzelak K.**, Gianni F., "A preliminary comparative assessment of the meiofaunal communities of Maltese pocket beaches.", ESTUARINE COASTAL AND SHELF SCIENCE, 2014, 150, 111-119, <http://dx.doi.org/10.1016/j.ecolind.2014.09.026>
26. **Kotwicki L.**, **Grzelak K.**, Czub M., Dellwig O., Gentz T., **Szymczycha B.**, Boettcher M. E., "Submarine groundwater discharge to the Baltic coastal zone: Impacts on the meiofaunal community", JOURNAL OF MARINE SYSTEMS, 2014, 129, 118-126, 10.1016/j.jmarsys.2013.06.009
27. **Kowalewska G.**, **Lubecki L.**, **Szymczak-Żyła M.**, **Bucholc K.**, **Filipkowska A.**, **Gogacz R.**, Zamojska A., "Eutrophication monitoring system near the Sopot beach (southern Baltic)", OCEAN & COASTAL MANAGEMENT, 2014, 98, 51-61, 10.1016/j.ocecoaman.2014.06.007
28. **Kubiszyn A. M.**, Piwosz K., **Wiktor J. M. Jr.**, **Wiktor J. M.**, "The effect of inter-annual Atlantic water inflow variability on the planktonic protist community structure in the West Spitsbergen waters during the summer", JOURNAL OF PLANKTON RESEARCH, 2014, 36 (5), 1190-1203, 10.1093/plankt/fbu044
29. **Kukliński P.**, **Bałazy P.**, "Scale of temperature variability in the maritime Antarctic intertidal zone", JOURNAL OF SEA RESEARCH, 2014, 85, 542-546, 10.1016/j.seares.2013.09.002
30. **Kulczykowska E.**, **Kleszczyńska A.**, "Brain arginine vasotocin and isotocin in breeding female three-spined sticklebacks (*Gasterosteus aculeatus*): The presence of male and egg deposition", GENERAL AND COMPARATIVE ENDOCRINOLOGY, 2014, 204, 8-12, 10.1016/j.ygcn.2014.04.039
31. **Kuliński K.**, Schneider B., Hammer K., Machulik U., Schulz-Bull D., "The influence of dissolved organic matter on the acid-base system of the Baltic Sea", JOURNAL OF MARINE SYSTEMS, 2014, 132, 106-115, 10.1016/j.jmarsys.2014.01.011
32. **Kuliński K.**, **Kędra M.**, **Legeżyńska J.**, **Głuchowska M.**, **Zaborska A.**, „Particulate organic matter sinks and sources in high Arctic fjord.", JOURNAL OF MARINE SYSTEMS, 2014, 139, 27-37, [dx.doi.org/10.1016/j.jmarsys.2014.04.018](http://dx.doi.org/10.1016/j.jmarsys.2014.04.018)

33. **Legeżynska J., Kędra, M., Walkusz W.**, „Identifying trophic relationships within the high Arctic benthic community: how much can fatty acids tell?”, *MARINE BIOLOGY*, 2014, 161 (4), 821-836, 10.1007/s00227-013-2380-8
34. Loxton J., **Kukliński P.**, Barnes D. K. A., Najorka J., Jones M. S., Porter J. S., Variability of Mg-calcite in Antarctic bryozoan skeletons across spatial scales, *MARINE ECOLOGY PROGRESS SERIES*, 2014, 507, 169-180, 10.3354/meps10826
35. Loxton J., **Kukliński P.**, Najorka J., Jones M. S., Porter J. S., “Variability in the skeletal mineralogy of temperate bryozoans: the relative influence of environmental and biological factors”, *MARINE ECOLOGY PROGRESS SERIES*, 2014, 510, 45-57, 10.3354/meps10889
36. **Lubecki L.**, “Determination of 4-nonylphenols in sediments from an eutrophic marine area.”, *INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY*, 2014, 94 (14-15), 1360-1374, 10.1080/03067319.2014.940344
37. Lydersen C., Assmy P., Falk-Petersen S., Kohler J., Kovacs K. M., Reigstad M., Steen H., Strom H., Sundfjord A., Varpe O., **Walczowski W., Węślawski J. M., Zajączkowski M.**, “The importance of tidewater glaciers for marine mammals and seabirds in Svalbard, Norway”, *JOURNAL OF MARINE SYSTEMS*, 2014, 129, 452-471, 10.1016/j.jmarsys.2013.09.006
38. **Maciejewska A., Pempkowiak J.**, “DOC and POC in the water column of the southern Baltic. Part I. Evaluation of factors influencing sources, distribution and concentration dynamics of organic matter”, *OCEANOLOGIA*, 2014, 56 (3), 523-548, 10.5697/oc.56-3.523
39. Meier H. E. M., Andersson H. C., Arheimer B., Donnelly C., Eilola K., Gustafsson Bo G., **Kotwicki L.**, Neset T. S., Niiranen S., **Piwowarczyk J.**, Savchuk O. P., Schenk F., **Węślawski J. M.**, Zorita E., “Ensemble Modeling of the Baltic Sea Ecosystem to Provide Scenarios for Management”, *AMBIO*, 2014, 43 (1), 37-48, 10.1007/s13280-013-0475-6
40. Omstedt A., Humborg C., **Pempkowiak J.**, Perttila M., Rutgersson A., Schneider B., Smith B., “Biogeochemical Control of the Coupled CO<sub>2</sub>-O<sub>2</sub> System of the Baltic Sea: A Review of the Results of Baltic-C”, *AMBIO*, 2014, 43 (1), 49-59, 10.1007/s13280-013-0485-4
41. **Pawłowska J.**, Lejzerowicz F., Esling P., Szczuciński W., **Zajączkowski M.**; Pawłowski J., “Ancient DNA sheds new light on the Svalbard foraminiferal fossil record of the last millennium”, *GEOBIOLOGY*, 2014, 12 (4), 277-288, 10.1111/gbi.12087
42. **Petelski T., Markuszewski P., Makuch P., Jankowski A., Rozwadowska A.**, „Studies of vertical coarse aerosol fluxes in the boundary layer over the Baltic Sea”, *OCEANOLOGIA*, 2014, 56 (4), 697-710, 10.5697/oc.56-4.697
43. **Poćwierz-Kotus A.**, Bernaś R., Dębowski P., Kent M. P., Lien S., Kesler M., Titov S., Leliuna E., Jespersen H., Drywa A., **Wenne R.**, “Genetic differentiation of southeast Baltic populations of sea trout inferred from single nucleotide polymorphisms”, *ANIMAL GENETICS*, 2014, 45 (1), 96-104, 10.1111/age.12095
44. **Przyborska A.**, “Groundwater flow due to a nonlinear wave set-up on a permeable beach”, *OCEANOLOGIA*, 2014, 56 (3), 477-496, 10.5697/oc.56-3.477

45. Pućko M., Burt A., **Walkusz W.**, Wang F., Macdonald R. W., Rysgaard S., Barber D. G., Tremblay J. E., Stern G. A., "Transformation of Mercury at the Bottom of the Arctic Food Web: An Overlooked Puzzle in the Mercury Exposure Narrative", ENVIRONMENTAL SCIENCE & TECHNOLOGY, 2014, 48 (13), 7280-7288, 10.1021/es404851b
46. **Ronowicz M., Kukliński P.**, Lock K., Newman P. B., Burton M., Jones J., "Temporal and spatial variability of zoobenthos recruitment in a north-east Atlantic marine reserve.", JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM, 2014, 94 (7), 1367-1376, 10.1017/S0025315414000733
47. Röttgers R., Dupouy C., Taylor B. B., Bracher A., **Woźniak S. B.**, "Mass-specific light absorption coefficients of natural aquatic particles in the near-infrared spectral region", LIMNOLOGY AND OCEANOGRAPHY, 2014, 59 (5), 1449-1460, 10.4319/lo.2014.59.5.1449
48. Saniewska D., Beldowska M., **Beldowski J.**, Jędruch A., Saniewski M., Falkowska L., „Mercury loads into the sea associated with extreme flood”, ENVIRONMENTAL POLLUTION, 2014, 191, 93-100, 10.1016/j.envpol.2014.04.003
49. Saniewska D., Beldowska M., **Beldowski J.**, Falkowska L., „Mercury in Precipitation at an Urbanized Coastal Zone of the Baltic Sea (Poland)”, AMBIO, 2014, 43 (7), 871-877, 10.1007/s13280-014-0494-y
50. Saniewska D., Beldowska M., **Beldowski J.**, Saniewski M., **Szubska M.** Romanowski A., Falkowska L., „The impact of land use and season on the riverine transport of mercury into the marine coastal zone”, ENVIRONMENTAL MONITORING AND ASSESSMENT, 2014, 186 (11), 7593-7604, 10.1007/s10661-014-3950-z
51. **Sańko T. J., Burzyński A.**, „Co-expressed mitochondrial genomes: recently masculinized, recombinant mitochondrial genome is co-expressed with the female - transmitted mtDNA genome in a male Mytilus trossulus mussel from the Baltic Sea”, BMC GENETICS, 2014, 15-28, 10.1186/1471-2156-15-28
52. **Schlichtholz P.**, "Local wintertime tropospheric response to oceanic heat anomalies in the Nordic Seas area.", JOURNAL OF CLIMATE, 2014, 27 (23), 8686-8706, 10.1175/JCLI-D-13-00763.1
53. **Sobiechowska-Sasim M., Stoń-Egiert J., Kosakowska A.**, „Quantitative analysis of extracted phycobilin pigments in cyanobacteria — an assessment of spectrophotometric and spectrofluorometric methods”, JOURNAL OF APPLIED PHYCOLOGY, 2014, 26, 2065-2074, DOI 10.1007/s10811-014-0244-3
54. Sokołowski A., Szczepańska A., Richard P., **Kędra M.**, Wolowicz M., **Węśławski J. M.**, "Trophic structure of the macrobenthic community of Hornsund, Spitsbergen, based on the determination of stable carbon and nitrogen isotopic signatures", POLAR BIOLOGY, 2014, 37 (9), 1247-1260, 10.1007/s00300-014-1517-7
55. Sternal B., Szczuciński W., Forwick M., **Zajączkowski M.**, Lorenc S., **Przytarska J.**, „Postglacial variability in near-bottom current speed on the continental shelf off south-west Spitsbergen", JOURNAL OF QUATERNARY SCIENCE, 2014, 29 (8), 767-777, 10.1002/jqs.2748

56. **Stramska M.**, “Particulate organic carbon in the surface waters of the North Atlantic: spatial and temporal variability based on satellite ocean colour”, *INTERNATIONAL JOURNAL OF REMOTE SENSING*, 2014, 35 (13), 4717-4738, 10.1080/01431161.2014.919686
57. **Stramska M.**, Świrgoń M., “Influence of atmospheric forcing and freshwater discharge on interannual variability of the vertical diffuse attenuation coefficient at 490 nm in the Baltic Sea”, *REMOTE SENSING OF ENVIRONMENT*, 2014, 140, 155-164, 10.1016/j.rse.2013.08.043
58. **Szymczycha B.**, **Maciejewska A.**, **Winogradow A.**, **Pempkowiak J.**, „Could submarine groundwater discharge be a significant carbon source to the southern Baltic Sea?”, *OCEANOLOGIA*, 2014, 56 (2), 327-347, 10.5697/oc.56-2.327
59. **Śmietanka B.**, **Burzyński A.**, Hummel H., **Wenne R.**, “Glacial history of the European marine mussels *Mytilus*, inferred from distribution of mitochondrial DNA lineages”, *HEREDITY*, 2014, 113 (3), 250-258, 10.1038/hdy.2014.23
60. **Trudnowska E.**, Basedow S. L., **Błachowiak-Samołyk K.**, “Mid-summer mesozooplankton biomass, its size distribution, and estimated production within a glacial Arctic fjord (Hornsund, Svalbard)”, *JOURNAL OF MARINE SYSTEMS*, 2014, 137, 55-66, 10.1016/j.jmarsys.2014.04.010
61. **Weydmann A.**, Coelho N.C., Ramos A.A., Serrão E.A., Pearson G.A., “Microsatellite markers for the Arctic copepod *Calanus glacialis* and cross-amplification with *C. finmarchicus*”, *CONSERVATION GENETICS RESOURCES*, 2014, 6, 1003-1005, 10.1007/s12686-014-0269-6
62. **Weydmann A.**, Carstensen J., **Goszczko I.**, **Dmoch K.**, **Olszewska A.**, **Kwaśniewski S.**, “Shift towards the dominance of boreal species in the Arctic: inter-annual and spatial zooplankton variability in the West Spitsbergen Current”, *MARINE ECOLOGY PROGRESS SERIES*, 2014, 501, 41-52, 10.3354/meps10694
63. **Winogradow A.**, **Pempkowiak J.**, “Organic carbon burial rates in the Baltic Sea sediments”, *ESTUARINE COASTAL AND SHELF SCIENCE*, 2014, 138, 27-36, 10.1016/j.ecss.2013.12.001
64. **Włodarska-Kowalczyk M.**, **Bałazy P.**, Kobos J., **Wiktor J.**, **Zajączkowski M.**, **Moskal W.**, „Large red cyanobacterial mats (*Spirulina subsalsa* Oersted ex Gomont) in the shallow sublittoral of the southern Baltic”, *OCEANOLOGIA*, 2014, 56 (3), 661-666, 10.5697/oc.56-3.661
65. **Włodarska-Kowalczyk M.**, **Jankowska E.**, **Kotwicki L.**, **Bałazy P.**, „Evidence of Season-Dependency in Vegetation Effects on Macrofauna in Temperate Seagrass Meadows (Baltic Sea)”, *PLOS ONE*, 2014, 9 (7), nr art. e100788, 10.1371/journal.pone.0100788
66. **Woźniak S. B.**, “Simple statistical formulas for estimating biogeochemical properties of suspended particulate matter in the southern Baltic Sea potentially useful for optical remote sensing applications”, *OCEANOLOGIA*, 2014, 56 (1), 7-39, 10.5697/oc.56-1.007
67. Wysocka A., Grabowski M., Sworobowicz L., Mamos T., **Burzyński A.**, Sell J., „Origin of the Lake Ohrid gammarid species flock: ancient local phylogenetic lineage

- diversification”, JOURNAL OF BIOGEOGRAPHY, 2014, 41 (9), 1758-1768, 10.1111/jbi.12335
68. Yasunaka S., Nojiri Y., Nakaoka S., Ono T., Whitney F. A., Telszewski M., “Mapping of sea surface nutrients in the North Pacific: Basin-wide distribution and seasonal to interannual variability”, JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS, 2014, 119 (11), 7756-7771, 10.1002/2014JC010318
69. **Zaborska A.**, “Anthropogenic lead concentrations and sources in Baltic Sea sediments based on lead isotopic composition”, MARINE POLLUTION BULLETIN, 2014, 85 (1), 99-113, 10.1016/j.marpolbul.2014.06.013
70. **Zaborska A., Winogradow A., Pempkowiak J.**, “Caesium-137 distribution, inventories and accumulation history in the Baltic Sea sediments”, JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, 2014, 127, 11-25, 10.1016/j.jenvrad.2013.09.003
71. Zatoń M., Zhuravlev A. V., Rakociński M., Filipiak P., **Borszcz T.**, Krawczyński W., Wilson M. A., Sokiran E. V., “Microconchid-dominated cobbles from the Upper Devonian of Russia: Opportunism and dominance in a restricted environment following the Frasnian-Famennian biotic crisis”, PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, 2014, 401, 142-153, 10.1016/j.palaeo.2014.02.029
72. Zawadzka O., **Makuch P.**, Markowicz K., **Zieliński T., Petelski T.**, Ulevicius V., **Strzałkowska A., Rozwadowska A., Gutowska D.**, „Studies of aerosol optical depth with the use of Microtops II sun photometers and MODIS detectors in coastal areas of the Baltic Sea”, ACTA GEOPHYSICA, 2014, 62 (2), 400-422, 10.2478/s11600-013-0182-5
73. **Zbawicka M., Wenne R., Burzyński A.**, „Mitogenomics of recombinant mitochondrial genomes of Baltic Sea Mytilus mussels”, MOLECULAR GENETICS AND GENOMICS, 2014, 289, 1275-1287, 10.1007/s00438-014-0888-3
74. **Zbawicka M., Sańko T.**, Strand J., **Wenne R.**, „New SNP markers reveal largely concordant clinal variation across the hybrid zone between Mytilus spp. in the Baltic Sea”, AQUATIC BIOLOGY, 2014, 21 (1), 25, 10.3354/ab00566
75. Zeng J., Nojiri Y., Landschuetzer P., **Telszewski M.**, Nakaoka S., “A Global Surface Ocean fCO<sub>2</sub> Climatology Based on a Feed-Forward Neural Network”, JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY, 2014, 31 (8), 1838-1849, 10.1175/JTECH-D-13-00137.1
76. **Zieliński T.**, Atmospheric Studies by Optical Methods, ACTA GEOPHYSICA, vol. 62 (2), 2014, 274-275, 10.2478/s11600-013-0189-y, 2014.

**Wykaz publikacji w czasopismach naukowych nieposiadających Impact Factor (IF) - wykaz MNiSW lista B**

1. **Bałyzy P., Kukliński P., Włodarska-Kowalczyk M.**, “Scientific diving in polar regions - the example of ecological studies at the Institute of Oceanology”, POLISH HYPERBARIC RESEARCH, 2014, 46, 65-84

2. Baranowska A., **Klusek Z.**, "Inverse Problem for Determination of the Bubble Size Spectrum", HYDROACOUSTICS, 2014, 17, 7-16
3. **Borszcz T.**, "The 2014 International Course on Carbonate Microfacies (Erlangen, Germany) - a life-time benefit", GEOLOGOS, 2014, 20 (3), 223-225, 10.2478/logos-2014-00017
4. **Grabowski M.**, Tęgowski J., Nowak J., "Applications of the Huang-Hilbert transformation in non-invasive research of the seabed in the southern Baltic Sea", HYDROACOUSTICS, 2014, 17, 69-78
5. **Klusek Z.**, **P. Kukliński**, B. Witalis, D. Mróz, „Underwater Noise in the Gdynia Harbour During Piling”, HYDROACOUSTICS, 2014, 17, 1-10
6. **Majewski P.**, **Klusek Z.**, "Parameters of echo signals originated from a gas seepage site in the Southern Baltic Sea", HYDROACOUSTICS, 2014, 17, 143-150

#### Wykaz publikacji nieuwzględnionych w wykazie MNiSW

1. **Bałazy P.**, **Kukliński P.**, Sanamyan N., "Hyas spp. crabs and sea anemones - new species associations from Svalbard", MARINE BIODIVERSITY, 2014, 44, 161-162
2. Bakker D. C. E., Pfeil B., Smith K., Hankin S., Olsen A., Alin S. R., Cosca C., Harasawa S., Kozyr A., Nojiri Y., O'Brien K. M., Schuster U., **Telszewski M.**, Tilbrook B., Wada C., Aki J., Barbero L., Bates N. R., Boutin J., Bozec Y., Cai W.-J., Castle R. D., Chavez F. P., Chen L., Chierici M., Currie K., de Baar H. J. W., Evans W., Feely R. A., Fransson A., Gao Z., Hales B., Hardman-Mountford N. J., Hoppema M., Huang W.-J., Hunt C. W., Huss B., Ichikawa T., Johannessen T., Jones E. M., Jones S. D., Jutterström S., Kitidis V., Körtzinger A., Landschützer P., Lauvset S. K., Lefèvre N., Manke A. B., Mathis J. T., Merlivat L., Metzl N., Murata A., Newberger T., Omar A. M., Ono T., Park G.-H., Paterson K., Pierrot D., Ríos A. F., Sabine C. L., Saito S., Salisbury J., Sarma V. V. S. S., Schlitzer R., Sieger R., Skjelvan I., Steinhoff T., Sullivan K. F., Sun H., Sutton A. J., Suzuki T., Sweeney C., Takahashi T., Tjiputra J., Tsurushima N., van Heuven S. M. A. C., Vandemark D., Vlahos P., Wallace D. W. R., Wanninkhof R., Watson A. J., "An update to the Surface Ocean CO<sub>2</sub> Atlas (SOCAT version 2)", EARTH SYSTEM SCIENCE DATA, 2014, 6, 69-90, doi: 10.15194/essd-6-69-2014
3. **Borszcz T.**, **Bałazy P.**, **Kukliński P.**, "Covering behaviour of echinoids in an Arctic fjord", MARINE BIODIVERSITY, 2014, 44, 159-160
4. **Dzierzbicka-Głowacka L.**, **Nowicki A.**, **Janecki M.**, "The Automatic Monitoring System for 3D-CEMBSv2 in the Operational Version.", JOURNAL OF ENVIRONMENTAL SCIENCE AND ENGINEERING TECHNOLOGY, 2014, 1, 1-9
5. **Kukliński P.**, **Bałazy P.**, **Nowak M.**, Bielecka L., Factors controlling initial development of Polar bryozoan assemblages", STUDI TRENITINI DI SCIENZE NATURALI, 2014, 94, 145-151
6. **Łącka M.**, **Zajączkowski M.**, Forwick M., Szczuciński W., "Late Weichselian and Holocene paleoceanography of Storfjordrenna, southern Svalbard", CLIMATE OF THE PAST DISCUSSION, 2014, 10, 3053-3095



7. Meier H.E.M., Rutgersson-Owenius A., Reckermann M., Aigars J., Berger F., Dailidienė I., Donnelly C., Haapala J., Keevalik S., **Kuliński K.**, Lehmann A., Myrberg K., Nilsson C., Omstedt A., Partasenok I., Post P., Rehder G., Smith B., Stendel M., von Storch H., Zhuravlev S., Zorita E., "Baltic Earth – Earth System Science for the Baltic Sea Region.", BALTIC EARTH NEWSLETTER, 2013, 1, 1-3
8. **Nowak M., Kukliński P.**, Siciński J., "Small-scale biomass variability of Antarctic bryozoans", STUDI TARENTINI DI SCIENZE NATURALI, 2014, 94, 181-188
9. **Pempkowiak J., Kuliński K., Szczepańska A.**, "Carbon cycling in the Baltic Sea", POLISH ACADEMY OF SCIENCES - ANNUAL REPORT, 2013, 70-71
10. Zatoń M., Hagdorn H., **Borszcz T.**, "Microconchids of the species *Microconchus valvatus* (Munster in Goldfuss, 1831) from the Upper Muschelkalk (Middle Triassic) of Germany", PALAEOBIODIVERSITY AND PALAEOENVIRONMENTS, 2014, 94 (3), 453-461, 10.1007/s12549-013-0128-6

#### **Autorstwo monografii lub podręcznika akademickiego w języku angielskim:**

1. **Bełdowski J.**, Fabisiak J., Popiel S., Östin A., Olsson U., Vanninen P., Lastumäki A., Lang T., Fricke N., Brenner M., Berglind R., Baršienė J., Klusek Z., Pączek B., Söderström M., Lehtonen K., Szubska M., Garnaga G., Malejevas V., Koskela H., Michalak J., Turja R., Halme M., Sandström T., Bickmeyer U., Broeg K., Sahovic D., Olejnik A., Fidler J., 2014, CHEMSEA Findings, Institute of Oceanology Polish Academy of Sciences, Sopot, 86pp, ISBN: 978-83-936609-1-9
2. Howard, J., Hoyt, S., Isensee, K., **Telszewski, M.**, Pidgeon, E. (eds.), "Coastal Blue Carbon: Methods for assessing carbon stocks and emissions factors in mangroves, tidal salt marshes, and seagrasses", Conservation International, Intergovernmental Oceanographic Commission of UNESCO, International Union for Conservation of Nature. Arlington, Virginia, USA, 2014, 180 pp
3. **Walczowski W.**, "Atlantic Water in the Nordic Seas", Springer International Publishing, 2014, Insights on Environmental Changes; Where the World is Heading; Springer Series: GeoPlanet: Earth and Planetary Sciences, 300 pp, ISBN: 978-3-319-03682-3

#### **Autorstwo monografii lub podręcznika akademickiego w języku innym niż angielski (*portugalski*):**

1. Bielecka L., Olszewski T. S., **Olszewska A.**, Smolarz Katarzyna, **Błachowiak-Samołyk K.**, 2014, *Biologia de reprodução e desenvolvimento*, Akademia Morska de Gdynia, Poland, ISBN 978-83-7421-238-0: 112 pp., 7 arkuszy wydawniczych

#### **Autorstwo rozdziału w monografii lub podręczniku akademickim w języku angielskim:**

1. Borecka M., Białk-Bielińska A., **Siedlewicz G.**, Stepnowski P., **Pazdro K.**, „The Influence of Matrix Effects on Trace Analysis of Pharmaceutical Residues in Aqueous Environmental Samples”, 2014, 1-16, in: **Zieliński T., Pazdro K., Dragan-Górska A., Weydmann A.** (eds.) Insights on Environmental Changes. GeoPlanet: Earth and

Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3

2. Cichowska A., **Kosakowska A.**, "Ocean Acidification: Environmental Issue and Its Impact on Marine Life", 2014, 127-139, in: **Zieliński T., Pazdro K., Dragan-Górska A., Weydmann A.** (eds.) Insights on Environmental Changes. GeoPlanet: Earth and Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3
3. Garbe C.S., Rutgersson A., Boutin J., Delille B., Fairall C.W., Gruber N., Hare J., Ho D., Johnson M., de Leeuw G., Nightingale P.D., Pettersson H., **Piskozub J.**, Sahlee E., Tsai W.T., Ward B., Woolf D.K., Zappa C.J., „Transfer across the air-sea interface”, 55-112, w: "Ocean-Atmosphere Interactions of Gases and Particles", red: Peter Liss, Martin Johnson, wyd. Springer, 2014, ISBN 978-3-642-25642-4, 315 str.
4. Kinney J. C., Maslowski W., Aksenov Y., De Cuevas B., Jakacki J., Nguyen A., **Osiński R.**, Steele M., Woodgate R. A., Zhang J., "On the Flow Through Bering Strait: A Synthesis of Model Results and Observations", 2014, 7, 167-198 in: The Pacific Arctic Region, Editors: **Grebmeier**, Jacqueline M., **Maslowski**, Wieslaw (Eds.), 2014 Springer, 450 pp, ISBN 978-94-017-8862-5
5. Maslowski W., Kinney J. C., Okkonen S. R., **Osiński R.**, Roberts A. F., Williams W. J. "The Large Scale Ocean Circulation and Physical Processes Controlling Pacific-Arctic Interactions", 2014, 5, 101-132, in: The Pacific Arctic Region, Editors: **Grebmeier**, Jacqueline M., **Maslowski**, Wieslaw (Eds.) 2014 Springer, 450 pp, ISBN 978-94-017-8862-5
6. **Merchel M.**, "The role of extreme events in the development of the Coastline in the Dalowko Area", 2014, 95-108, in: **Zieliński T., Pazdro K., Dragan-Górska A., Weydmann A.** (eds.) Insights on Environmental Changes. GeoPlanet: Earth and Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3
7. **Pakszys P.**, "Application of an object classification method for determining of the spatial distribution of sea bottom structures and their cover using images from a Side Scan Sonar", 2014, 77-94, in: **Zieliński T., Pazdro K., Dragan-Górska A., Weydmann A.** (eds.) Insights on Environmental Changes. GeoPlanet: Earth and Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3
8. **Przyborska A.**, "Attenuation of Groundwater Flow Due to Irregular Waves in Permeable Sea Bottom", 2014, 109-125, in: **Zieliński T., Pazdro K., Dragan-Górska A., Weydmann A.** (eds.) Insights on Environmental Changes. GeoPlanet: Earth and Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3
9. **Siedlewicz G., Pazdro K.**, Borecka M., Kornowska K., Białk-Bielińska A., Stepnowski P., „Determination of Tetracyclines Residues in the Gulf of Gdansk (Southern Baltic Sea) Sediments Using a Tandem Solid-Phase Extraction with Liquid Chromatography Coupled with Tandem Mass Spectrometry", 2014, 33-48, in: **Zieliński T., Pazdro K., Dragan-Górska A., Weydmann A.** (eds.) Insights on Environmental Changes. GeoPlanet: Earth and Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3
10. **Strzalkowska A., Makuch P., Zawadzka O., Pakszys P.**, "A modern approach to aerosol studies over the Baltic Sea", 2014, 49-64, in: **Zieliński T., Pazdro K., Dragan-Górska A., Weydmann A.** (eds.) Insights on Environmental Changes.

GeoPlanet: Earth and Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3

11. **Wróbel B.**, Abdelmotaleb A., **Joachimczak M.**, “Evolving networks processing signals with a mixed paradigm, inspired by gene regulatory networks and spiking neurons”, 7th International ICST Conference, BIONETICS 2012, Lugano, Switzerland, December 10--11, 2012, Revised Selected Papers Series: LECTURE NOTES OF THE INSTITUTE FOR COMPUTER SCIENCES, SOCIAL INFORMATICS AND TELECOMMUNICATIONS ENGINEERING, 2014, 134, 135-149, in: Bio-Inspired Models of Network, Information, and Computing Systems, **Di Caro**, Gianni A., **Theraulaz**, Guy (eds.), 323 pp, ISBN: 978-3-319-06944-9
12. **Żak A.**, **Kosakowska A.**, “Allelopathic Influence of Cyanobacteria *Microcystis aeruginosa* on Green Algae *Chlorella vulgaris*.”, 2014, 141-150, , in: **Zieliński T.**, **Pazdro K.**, **Dragan-Górska A.**, **Weydmann A.** (eds.) Insights on Environmental Changes. GeoPlanet: Earth and Planetary Sciences. Where the World is Heading, Springer, 2014, 150 pp, ISBN 978-3-319-03682-3

### **Materiały pokonferencyjne**

1. Abdelmotaleb, A., Davey, N., Schilstra, M., Steuber V., **Wróbel, B.** Evolving spiking neural networks for temporal pattern recognition in the presence of noise. In: Artificial Life 14: Proceedings of the Fourteenth International Conference on the Simulation and Synthesis of Living Systems (Edited by: Sayama, H., et al.), 2014, pages 965-972, MIT Press, Boston, MA.
2. **Dzierzbicka-Głowacka L.**, Musialik M., Lemieszek A., “The impact of salinity on development the most important Copepoda taxa in Baltic Sea”, 2014, 228-234, in: Advances in Environmental Sciences, Development and Chemistry, Proceedings of the 2014 International Conference on Energy, Environment, Development and Economics (EEDS 2014), Proceedings of the 2014 International Conference on Geology and Seismology (GESE 2014), Proceedings of the 2014 International Conference on Maritime and Naval Science and Engineering (MANASE 2014), Proceedings of the 2014 International Conference on Water Resources, Hydraulics & Hydrology (WHH 2014), Proceedings of the 2014 International Conference on Chemistry and Chemical Engineering (CCE 2014), Santorini Island, Greece July 17-21, 2014, 480 pp ISBN: 978-1-61804-239-2
3. Erdei, J., **Wróbel, B.** Evolution of animats following a moving target in an artificial ecosystem. Artificial Life 14: Proceedings of the Fourteenth International Conference on the Simulation and Synthesis of Living Systems (Edited by: Sayama, H., et al.), 2014, pages 98-104, MIT Press, Boston, MA.
4. Foglini F., F. Madricardo, P. Blondel, **A. Kruss**, M. Sigovini, F. Manfrin, High-resolution multibeam mapping of habitats in the extremely shallow waters of the Venice Lagoon, Proceedings of 2nd international conference and exhibition on Underwater Acoustic (UA2014), 519-526
5. Fontana, A., Soltoggio, A., **Wróbel, B.** POET: an evo-devo method to optimize the weights of large artificial neural networks. In: Artificial Life 14: Proceedings of the Fourteenth International Conference on the Simulation and Synthesis of Living Systems (Edited by: Sayama, H., et al.), 2014, pages 447-454, MIT Press, Boston, MA.

6. **Guellard T., Sokołowska E.,** Arciszewski B., Niespodziewane odkrycie - osobniki interseksualne w populacji inwazyjnej babki byczej (*Neogobius melanostomus*) z Zatoki Gdańskiej, Książka abstraktów VIII Kopernikańskiego Seminarium Doktoranckiego (VIII KSD), Chomiąża Szlachecka 25-27.06.2014, str.60.
7. **Hoppe Ł, J. Szczucka, E.** Trudnowska Zooplankton distribution studies combining acoustical and optical observations,, Proceedings of 2nd international conference and exhibition on Underwater Acoustic (UA2014), 131-136
8. **Kowalewski M., Dera J., Darecki M., Ostrowska M., Woźniak B.,** 2014, System Operacyjny satelitarnej kontroli środowiska Morza Bałtyckiego (SO SatBałtyk); Rozdział 16 (25 stron, 21 rysunków, recenzowany, w załączeniu) w monografii pokonferencyjnej, VI Międzynarodowa Konferencja Naukowo – Techniczna NATCON 2014, Gdańsk, redaktor naukowy Czesław Dyrzcz, 2014, Technologie morskie dla Obronności i Bezpieczeństwa, wydanie elektroniczne: ISBN 978-83-930150-4-7
9. **Kruss A.,** F. Madricardo, J. Tęgowski, F. Foglini, L. Janowski, A combined GIS-2DFTT multi-parameter analysis of very high resolution bathymetric data: a case study from the Venice Lagoon, Proceedings of 2nd international conference and exhibition on Underwater Acoustic (UA2014), 1621-1626
10. **Majewski P, Z. Klusek,** Acoustical classification of the shallow sediment gaseous structures in the Southern Baltic Sea, Proceedings of 2nd international conference and exhibition on Underwater Acoustic (UA2014), 185-190
11. **Ostrowska M.,** Satelitarna kontrola środowiska Morza Bałtyckiego – SatBałtyk, Projekt BalticBottomBase platformą rozwoju i wykorzystania nowoczesnych technologii informacyjnych, organizator Instytut Morski w Gdańsku, Gdańsk, 19-20 maja 2014 (referat), <http://www.balticbottombase.eu/info/conference/videos/>
12. **Woźniak S. B., Sagan S., Stoń-Egiert J.,** Burska D., **Zabłocka M.,** 2014, Light backscattering and scattering by marine particles in relation to particle concentration, composition and size distribution in the southern Baltic Sea, Ocean Optics XXII, USA, Portland, Maine, dystrybuowany w formie elektronicznej (2095\_Wozniak\_et\_al.pdf)

#### **Referaty opublikowane jako streszczenia lub postery zamieszczone w materiałach konferencyjnych.**

1. **Bolińska M.,** Kot-Wasik A., Kubica P., „Metody chromatograficzne rozdzielania farmaceutyków techniką HILIC sprzężoną z tandemową spektrometrią mas”- poster, str.26, XI Konferencja Sekcji Chemii Morza KBM PAN „Chemia, geochemia i ochrona środowiska morskiego”, Materiały konferencyjne, (red. A. Zaborska), Sopot, 24.10.2014
2. **Borszcz T.,** Nawrot R (2014) Does phylogeny and latitude predetermine magnesium fractionation in bryozoans at the world’s north end? XII Larwood Symposium, Sopot, 1pp.
3. **Borszcz T.,** Ries J., Westfield I. (2014) The synergies of stress: Crossed-effect experiment reveals complexity of echinoid skeletal responses to simultaneous biotic and abiotic changes in past and future oceans. European Echinoderms Colloquium, Portsmouth, UK, 1pp. referat

4. **Borszcz T**, Wilson MA, Binkowski M (2014) Jurassic Halloween: Discovery of exocysts on echinoid spines from the Callovian of Israel. Palaeontological Association Annual Meeting, Leeds, UK, 1pp. Poster
5. Borecka M., Białk-Bielińska A., Haliński Ł. P., **Pazdro K.**, Stolte S., Stepnowski P., „Ocena wpływu zasolenia na ekotoksyczność wybranych farmaceutyków”, str. 28, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
6. Borecka M., Białk-Bielińska A., Haliński Ł. P., **Pazdro K.**, Stolte S., Stepnowski P., „Ocena toksyczności wybranych farmaceutyków wobec glonu z gromady zielenic – *Chlorella vulgaris*”, str. 46, Człowiek, Nauka, Środowisko, 25-26.06.2014, Książka abstraktów, Gdańsk, str. 97, ISBN 978-83-64042-03-4:
7. Borecka M., Białk-Bielińska A., **Pazdro K.**, Stepnowski P., „Wyznaczanie rozszerzonej niepewności wyników oznaczania wybranych farmaceutyków w próbkach środowiskowych” str. 51, Człowiek, Nauka, Środowisko, 25-26.06.2014, Książka abstraktów, Gdańsk, str. 97, ISBN 978-83-64042-03-4
8. Borecka M., Białk-Bielińska A., **Pazdro K.**, Stepnowski P. „The estimation of expanded uncertainty of results of an analytical method based on liquid chromatography (SPE-LC-MS/MS) developer for determining antibiotics in seawater”, p.177, ISSC, International Symposium on Separation Sciences, Book of Proceedings, Praga, 2014, 210 str.
9. **Dera J.**, 2014, Satelitarna Kontrola Środowiska Morza Bałtyckiego, tekst opracowany do materiałów VII Krajowej Konferencji Naukowej InfoBazy, Gdańsk - Sopot, 2014, 2 str.
10. **Darecki M., Kowalewski M., Dera J., Ostrowska M., Woźniak B.**, 2014, Dane i produkty zintegrowanego systemu satelitarnej teledetekcji Morza Bałtyckiego – SatBałtyk, VII Krajowa Konferencja Naukowa INFOBAZY 2014, Inspiracja – Integracja – Implementacja, Przewodniczący Rady Programowej: Antoni Nowakowski (Politechnika Gdańska), 115 -116, Gdańsk-Sopot, 8-10 września 2014 (referat), ISBN 978-83-937979-1-2.
11. **Darecki M., Kowalewski M., Dera J., Ostrowska M., Woźniak B.**, 2014, Data and products of the integrated system for satellite remote sensing of the Baltic ecosystem – SatBałtyk, VII Krajowa Konferencja Naukowa INFOBAZY 2014: Inspiracja – Integracja – Implementacja, Przewodniczący Rady Programowej: Antoni Nowakowski (Politechnika Gdańska), 116 -117, Gdańsk-Sopot, 8-10 września 2014, ISBN 978-83-937979-1-2.
12. **Drozdowska V., Markuszewski P., Kowalczyk J., Makuch P., Pakszys P., Strzałkowska A., Piskozub J., Petelski T., Zieliński T., Gutowska D.**, Spectroscopic measurements of the surface waters for evaluating the fresh-water transport to marine environments in the Southern Baltic, EGU2014-13832,HS10.8,2014.
13. **Drozdowska V., Markuszewski P., Kowalczyk J., Makuch P., Pakszys P., Strzałkowska A., Piskozub J., Petelski T., Gutowska D., Zieliński T.**, Spectroscopic measurements of the surface waters for evaluating surfactants sources in the Baltic Sea, Earth Observation for Ocean-Atmosphere Interactions Science - ESA, ESRIN, we Frascati, Włochy, w dniach 28 – 31.10.2014.

14. **Dzierzbicka-Głowacka L.**, Lemieszek A., Kalarus M., Musialik M., **Janecki M.**, Żmijewska IM. „Population dynamics of *Temora longicornis* in the southern Baltic Sea – numerical results”, 8th European Conference on Ecological Modelling – ECEM 2014 27-30 października 2014, Marrakech, Maroko, Conference proceedings s. 121
15. **Dzierzbicka-Głowacka L.**, Lemieszek A., Kalarus M., Musilak M., **Nowicki A.**, Żmijewska M. I., Population dynamics of *Temora longicornis* in the Southern Baltic Sea – numerical results. Estuarine and Coastal Sciences Association 54, Coastal systems under change: tuning assessment and management tools, 12-16.05.2014, Sesimbra, Portugalia, Programme & Book of Abstracts, 2014, str. 109
16. **Goszczko I.**, **Beszczynska-Möller A.**, **Promińska A.**, **Wieczorek P.**, **Walczowski W.**, How do recent changes in the water mass structure in the eastern Fram Strait shape the environment for the biological life?, wystąpienie na “Ocean Sciences Meeting”, 23-28 luty 2014, Honolulu, Hawaje, Stany Zjednoczone.
17. **Goszczko I.**, **Walczowski W.**, **Beszczynska-Möller A.**, “Report from the West Spitsbergen Current in summer 2013”, wystąpienie podczas spotkania ICES Working Group on Oceanic Hydrography 2013, 1-3 kwiecień 2014, Hamburg, Niemcy.
18. **Gozdowska M.**, **Kalamarz-Kubiak H.**, **Kulczykowska E.**, Soares M., XI Congress of The Portuguese Ethological Society (9-10 October. 2014), CIBIO, Research Centre in Biodiversity in Genetic Resources, Vairão, Portugalia. Cooperative modulation of brain neuropeptide levels in a cleaner fish. Marta Morais, Sonia C. Cardoso, Gonçalo I. Andre
19. **Gozdowska M.**, **Kulczykowska E.**, 30<sup>th</sup> International Symposium on Chromatography (14-18 September, 2014), Salzburg Austria. Selective determination of tyrosine-containing peptide (isotocin) by the pre-column derivatization and liquid chromatography with UV detection.
20. **Grabowski M.**, Badania rozwoju i ewolucji stożka Wisły przy zastosowaniu metod hydroakustycznych., Materiały pokonferencyjne – książka abstraktów w MEDtube Science Dec, 2014; Vol. II (4) s. 67.
21. Graca B., Zakrzewska D., **Szymczycha B.**, Sorpcja metali na nano-TiO<sub>2</sub> w wodzie morskiej - badania eksperymentalne, str. 31, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
22. Haynes, J., Maslowski W., **Osiński R.**, J. Clement Kinney: Influence of Oceanic Eddies on Sea Ice Variability: A Winter Case Study of Numerical Model Results and Observations in the Western Arctic Ocean, IGS Sea-Ice Symposium, 10-14 Mar., 2014.
23. Hossainzadeh, S., **Osiński R.**, W. Maslowski, S. Tulaczyk, Effects of Greenland's Runoff on Labrador Sea Dynamics, AGU Ocean Sciences, Honolulu, HI, 23-28 Feb., 2014.
24. Hossainzadeh S., Maslowski W., **Osiński W.**, Tulaczyk S., Feedbacks Between the Labrador Sea Dynamics and Freshwater Runoff in the Regional Arctic System Model. WAIS Workshop September 24-27, 2014
25. **Jakacki J.**, Modeling of the risk assessment for the potential leakage of chemical munitions in the Baltic Sea, Ocean Sciences Meeting 2014, Honolulu, Hawaii

26. **Jakacki J.** and Mariya Golenko, „Estimation of the potential leakage of the chemical munitions based on two hydrodynamical models implemented for the Baltic Sea”, EGU 2014
27. **Jakacki J. , Przyborska A., Kosecki Sz.**, Implementation of the tidal forces into the models of the selected Svalbard fjords ,Lund Regional-scale Climate Modelling Workshop, Lund, Sveden 2014
28. Jakiel A., **Borszcz T.** (2014) Unravelling variability of Antarctic echinoid dominant *Sterechinus neumayeri* from Admiralty Bay (King George Island, Antarctica). XXXV Polar Symposium, Wrocław, 1pp. poster
29. Jakiel A., **Borszcz T.** (2014) Unravelling variability of Antarctic echinoid dominant *Sterechinus neumayeri* from Admiralty Bay (King George Island, Antarctica). European Echinoderms Colloquium, Portsmouth, 1pp. poster
30. **Janecki M., Dzierzbicka-Głowacka L., Nowicki A.**, „Biogeochemical parameters in the Southern Baltic Sea simulated by a 3D coupled ecosystem model”, 8th European Conference on Ecological Modelling – ECEM 2014 27-30 października 2014, Marrakech, Maroko., Conference proceedings s. 107
31. **Kędra M.**, Renaud P. E., Andrade H., Epibenthic diversity and productivity in shallow Barents Sea bank (Tromsøflaket) – comparing trawled and undisturbed areas, ICES Symposium: Effects of fishing on benthic fauna, habitat and ecosystem function, 16-19.06.2014, Tromso, Norwegia, p.68.
32. **Kijewska A.**, Dzido J., Rokicki J., Evolutionary and population characterization of *Anisakis simplex* s.s. using mitochondrial DNA, V4 Parasitological Meeting, 25-30.05.2014, , Stara Lesna, Słowacja, Książka abstraktów, str. 12.
33. **Kijewska A., Kalamarz-Kubiak H., Wenne R.**, Adaptability to different salinities in two subpopulations of *Gadus morhua* from the Baltic sea, 11<sup>th</sup> International Conference on the Biology of Fish, 3 – 7.08.2014, Edynburg, Wielka Brytania
34. **Kijewska A., Poćwierz-Kotus A., Wenne R.**, Genetic differentiation of *Gadus morhua* according to salinity gradient, 11<sup>th</sup> International Conference on the Biology of Fish, 3 – 7.08.2014, Edynburg, Wielka Brytania,
35. **Klusek Z., Dragan A., Baranowska A.**, Sulisz W., Dargacz A., Paprota M., Air Entrainment, Dissipation Energy of Breaking Waves and Acoustic Noise, 7th Forum Acusticum, Kraków, 7-12 września 2014
36. **Kosakowska A., Łotocka M.**, Comparative analysis of phycobilin pigments in two fjords of the Spitsbergen region, 93p, Carbal H., ECSA54, Coastal systems under change: tuning assessment and management tools, Programme and Book of abstracts, Centro de Oceanografia, Sesimbra, Portugal,12-16.05.2014, 144 str.
37. **Kosakowska A.**, Walkusz-Miotk J. Distribution of heavy metals in the sediments of the offshore zone of the southern Baltic Sea, 93p, Carbal H., ECSA54, Coastal systems under change: tuning assessment and management tools, Programme and Book of abstracts, Centro de Oceanografia, Sesimbra, Portugal,12-16.05.2014, 144 str.

38. **Kosecki Sz., Przyborska A., Jakacki J.** EGU 2014, Hornsund - sigma layers and flexible mesh hydrodynamic model.
39. **Kotlarska E., Łuczkiwicz A.**, Poster: „Antibiotic resistance genes in multi-drug resistant *Escherichia coli* isolated from wastewaters and marine coastal waters”, 18th Gliwice Scientific Meetings, Gliwice, Polska, 21-22.11.2014.
40. **Kotlarska E., Łuczkiwicz A., Burzyński A.**, Referat: „Diversity of integrons in *Escherichia coli* from wastewater and marine water origin”, **Workshop “Microbes in the Baltic: Small things, small sea, big questions”**, Gdynia, Polska, 17-21.11.2014.
41. **Kotlarska E., Tarasewicz K., Łuczkiwicz A., Baraniak A.**, **Poster:** “Incidence of multidrug-resistant human-associated bacteria in anthropogenically impacted marine coastal waters”, **Workshop “Microbes in the Baltic: Small things, small sea, big questions”**, Gdynia, Polska, 17-21.11.2014.
42. **Kowalewska G.**, „Wpływ zmian klimatu na ekosystem – wskaźniki w morskich osadach dennych (CLISED)” – prezentacja rozpoczynającego się projektu CLISED (2014-2017), XI Konferencja Naukowa Instytutu Oceanologii PAN w Sopocie, „Teoretyczne i praktyczne aspekty badania środowiska morskiego”, Sopot, 7.02.2014
43. **Kowalewska G.**, „Mokradła (nieużytki), glony i biogaz – przeciwdziałanie eutrofizacji południowego Bałtyku (WAB) – prezentacja zakończonego projektu WAB (2010-2013), XI Konferencja Naukowa Instytutu Oceanologii PAN w Sopocie, „Teoretyczne i praktyczne aspekty badania środowiska morskiego”, Sopot, 7.02.2014
44. **Kowalewska G., Szymczak-Żyła M., Filipkowska A., Lubecki L., Złoch I., Zaborska A., Winogradow A., Mazur-Marzec H., Toruńska-Sitarz A., Krakowiak A., Ciesielski T., Ardelan M., Breedveld M., Oen A.** „Wskaźniki stanu środowiska-współczesne osady z Zatoki Gdańskiej oraz z Oslofiordu”, str. 32, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
45. **Kowalewski M., Dera J., Darecki M., Ostrowska M., Woźniak B.**, 2014, System Operacyjny satelitarnej kontroli środowiska Morza Bałtyckiego (SO SatBałtyk), VI Międzynarodowa Konferencja Naukowo – Techniczna NATCON 2014, Gdańsk, Redaktor naukowy: Czesław Dyrzcz, Technologie morskie dla Obronności i Bezpieczeństwa, 86-87, wydanie elektroniczne: ISBN 978-83-930150-4-7
46. **Kowalewski M., Dera J., Darecki M., Ostrowska M., Woźniak B.**, 2014, Operational System for the satellite monitoring of the Baltic Sea environment (SO SatBałtyk), VI Międzynarodowa Konferencja Naukowo – Techniczna NATCON 2014, Gdańsk, Redaktor naukowy: Czesław Dyrzcz, Technologie morskie dla Obronności i Bezpieczeństwa, 88-89, wydanie elektroniczne: ISBN 978-83-930150-4-7
47. **Koziorowska K., Kuliński K., Pempkowiak J.**, „Znaczenie obiegu węgla w rejonie Arktyki”, str. 33, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
48. **Kukliński P, Bellerby R, Iglkowska A, Przytarska J, Piwowarczyk J, Renaud P, Stolarski J, Włodarska Kowalczyk M** (2014) POLNOR – The Changing Ocean of the Polar North. XII Larwood Symposium, 12-13 czerwiec, IO PAN, Sopot, książka abstraktów, p. 21



49. **Kuliński K.**, Schneider B., Hammer K., Schulz-Bull D., „Rozpuszczona materia organiczna – brakujący element w opisie systemu kwasowo-zasadowego wody morskiej”, str. 12, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
50. **Lawręc M.**, Kot-Wasik A., „Kofeina w środowisku wodnym” – referat, str.20, XI Konferencja Sekcji Chemii Morza KBM PAN „Chemia, geochemia i ochrona środowiska morskiego”, Materiały konferencyjne, (red. A. Zaborska), Sopot, 24.10.2014
51. Loxton J. L., Najorka J., Williams E., Spencer J. M., **Kukliński P.**, Porter J. S. The forgotten variables: The impact of common cleaning and preservation techniques on skeletal chemistry. XII Larwood Symposium, 12-13 czerwiec, IO PAN, Sopot, książka abstraktów, p. 23
52. Lucchi R., Kovacevic V., Aliani S., Caburlotto A., Celussi M., Corgnati L., Cosoli S. Deponte D., Ersdal E.A., Fredriksson S., **Goszczo I.**, [.....], **Łączka M.**, Langone L., Mansutti P., Mezgec K., Morigi C., Ponomarenko E. Realdon G., Relitti F., Robijn A., Skogseth R., Tirelli V., PREPARED Present and past flow regime. On contourite drifts west of Spitsbergen, Technical Report.
53. **Łotocka M.**, Resting spore formation and pigment composition of the marine diatom *Chaetoceros* cf. *lorenzianus* in coastal waters of the Baltic Sea, str.87, Surosz W. red., Cyanobacterial and algal blooms – effect on water management and human health, 33th International Conference of the Polish Phycological Society, Book of abstracts, Wydawnictwo Uniwersytetu Gdańskiego, 05.2014, 136 str.
54. **Łotocka M.**, Aktywność cyklu ksantofilowego w formach przetrwalnych okrzemki *Chaetoceros* cf. *lorenzianus*, str. 35 (poster), Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
55. Łuczkiwicz A., **Kotlarska E.**, Sadowy E., Baraniak A., Fudala-Książek S., Jankowska K., Felis E., Ziemińska-Buczyńska A., Gnida A., Olańczuk-Neyman K., Surmacz-Górska J. “Wastewater bacteria – important minority in receivers”. Activated Sludge – 100 Years and Counting, Essen, Niemcy, 12-14.06.2014 (poster)
56. Łuczkiwicz A., **Kotlarska E.**, referat „Human-associated bacteria and their mobile genetic elements – important minority in wastewater and wastewater impacted ecosystems” 18th Gliwice Scientific Meetings, Gliwice, Polska, 21-22.11.2014.
57. **Marciniak, J. P. Schlichtholz**, and W. Maslowski: A modelling study of co-variability of the two-branched Atlantic water inflow to the Arctic Ocean. EGU General Assembly 2014 (poster). [Abstract in: Geophysical Research Abstracts, Vol. 16, EGU2014-736-1, 2014]
58. **Markuszewski P., Petelski T., Piskozub J., Jakacki J.** Sea Salt Generation Function in the Baltic Sea region as the important component to regional atmospheric model”, Lund Regional-scale Climate Modelling Workshop, Lund, Sveden 2014
59. **Markuszewski P., Petelski T., Zieliński T., Pakszys P., Strzałkowska A., Makuch P., Kowalczyk J.** Aerosol Size Distribution in the marine regions, EGU2014-788, AS 3.9, 2014.

60. **Markuszewski P., Petelski T., Zieliński T., Strzałkowska A., Pakszys P., Makuch P., Kowalczyk J.** Measurements and determination of the marine coarse aerosol fluxes in near marine boundary layer, EGU2014-793,AS 3.10, 2014.
61. **Markuszewski P., Petelski T., Piskozub J., Jakacki J.**, Sea Salt Generation Function in the Baltic Sea region as the important component to regional atmospheric model, 21st Century Challenges in Regional Climate Modelling Lund, Sweden, 16 - 19 June 2014
62. **Markuszewski P., Petelski T., Piskozub J.**, Coarse aerosol fluxes in the Baltic Sea marine boundary layer, Earth Observation for Ocean-Atmosphere Interactions Science 2014, 28th-31st October 2014, European Space Agency, ESRIN, Via Galileo Galilei, Frascati, 00044, Italy
63. Markowicz K., **Zieliński T., Petelski T.**, Stachlewska I., **Rozwadowska A.**, Stacewicz T., Gausa M., Blindheim S., Struzewska J., Kaminski J., Malinowski Sz., Chilinski M., Lisok J., **Makuch P., Pakszys P., Markuszewski P., Strzałkowska A.**, Optical properties of Arctic aerosols studied within the framework of the iAREA research program, REKLIM, Berlin, 2014.
64. Maslowski W., Haynes J., Kinney J. C., **Osiński R.**, Roberts A.: On a Positive Sea-Ice-Ocean Dynamic Feedback in the Arctic Ocean, IGS Sea-Ice Symposium, 10-14 Mar., 2014.
65. Maslowski, W., **Osiński R.**, Kinney J. C., Craig A., Roberts A., Ice-Ocean Interaction at Seasonal to Decadal Scales in the Regional Arctic System Model, Fall AGU Meeting, San Francisco, CA, Dec., 2013.
66. Maslowski, W. et al. (including **Osiński R.**): Improving Decadal Prediction of Arctic Climate Variability and Change Using the Regional Arctic System Model (RASM), EaSM 1 and 2 PI Meeting, Washington D.C., 27-29 Jan., 2014.
67. Maslowski, W. et al. (including **Osiński R.**): Regional Arctic System Model (RASM): A Tool to Advance Science and Reduce Uncertainty of Prediction of Arctic Climate Change, GEUS / DMI Invited Seminar, Copenhagen, Denmark, 1 Jul., 2014.
68. Maslowski, W. et al. (including **Osiński R.**): Modeling Requirements for Studying Arctic Physical and Biogeochemical States and Interaction, Towards a seasonal ice covered Arctic Ocean, IASC Workshop, WHOI, Woods Hole, MA, 20–21 Oct., 2014.
69. Maslowski, W., **Osiński R.**, Kinney J. C., A. Roberts: Arctic-Subarctic Ocean Fluxes from the Regional Arctic System Model (RASM) - Work in Progress, CESM Ocean Modeling Working Group, Boulder, CO, 16-17 Jan., 2014.
70. Maslowski, W., **Osiński R.**, Kinney J.C., Okkonen S.: The Role of Advective and Local Forcing in the Chukchi and Beaufort Seas, Ocean Sciences, Honolulu, HI, 23-28 Feb., 2014.
71. Maslowski, W., **Osiński R.**, et al.: Advancing Seasonal to Decadal Predictability in the Arctic, COST Conference on The Predictive Power of Marine Science in a Changing Climate , Institute of Oceanology, Sopot, Poland, 7-8 Apr., 2014.
72. Maslowski, **Osiński R.**, Kinney J. C.: On the Role of the Arctic Ocean in Polar Amplification, EGU, Vienna, Austria, 27 Apr. - 2 May, 2014.

73. Maslowski, W., **Osiński R.**, J. Clement Kinney, A. Roberts, J. Cassano: Sensitivity of Sea Ice States to Variable Parameter Space in the Regional Arctic System Model (RASM), DOE Climate Modeling Principal Investigator Meeting, Potomac, MD, 12-14 May, 2014.
74. Maslowski, W., **Osiński R.**, A. Roberts et al.: Processes and Interactions Involved in Arctic Sea Ice Change, Arctic Sea Ice Reduction Meeting, The Royal Society at Chicheley House, Buckinghamshire, UK, 24–25 Sep., 2014.
75. Maslowski, W., Roberts A., **Osiński R.**, et al.: Model Requirements of Sea Ice Concentration and Thickness in the Arctic, International Sea Ice Concentration and Thickness Evaluation and Inter-Comparison Workshop, Hamburg, Germany, 18-19 Sep., 2014.
76. Maslowski W., **Osiński R.**, Roberts A., Kinney J. C.: Regional Arctic System Model (RASM) – Added Value, Sensitivity and Future Prospects, REKLIM International Conference ‘Our Climate - Our Future’, Berlin, Germany, 6-9 Oct., 2014.
77. Maslowski, W., **Osiński R.**, Roberts A. et al.: Sensitivity of Sea-Ice States to Variable Parameter Space in the Regional Arctic System Model (RASM), 3rd FAMOS Workshop, WHOI, Woods Hole, MA, 22–24 Oct., 2014.
78. Maslowski W., **Osiński, R.**, Roberts, A., Kinney, J.C., Cassano, J “Regional Arctic Climate System Model (RASM): An overview and selected results on sea ice sensitivity to variable parameter space” , Lund Regional-scale Climate Modelling Workshop, Lund, Sveden 2014
79. Musilak M., Kalarus M., Nowicki A., **Dzierzbicka-Głowacka L.**, Żmijewska M. I., Production and mortality rates of the main mesozooplankton species in the southern Baltic Sea. Estuarine and Coastal Sciences Association 54, Coastal systems under change: tuning assessment and management tools, 12-16.05.2014, Sesimbra, Portugalia, Programme & Book of Abstracts, 2014, str. 107
80. Najda K. , **Kijewska A.**, Dzido J., Rokicki J., V4 Parasitological Meeting, 25-30.05.2014, Ascaridoidea from Barents Sea, Stara Lesna, Słowacja, Książka abstraktów, 54 str.
81. Najda K., **Kijewska A.**, Dzido J., Plauska K., Rokicki J., XXXV Sympozjum Polarne we Wrocławiu. 4-7.06.2014. Differences between Ascaridoidea in Arctic Atlantic and Pacific, Wrocław, Polska. Książka abstraktów 87 str.
82. **Nowak M., Kukliński P.** (2014) Skeletal mineralogy of Antarctic Bryozoans, XXXIII Scientific Committee of Antarctic Research (SCAR) Meetings & Open Science Conference, 23.08 - 3.09.2014, book of abstract
83. **Nowak M., Kukliński P.** (2014) Skeletal mineralogy patterns of Antarctic Bryozoans XII Larwood Symposium, 12-13 czerwiec, IO PAN, Sopot, książka abstraktów, p. 28
84. **Nowicki A., Dzierzbicka-Głowacka L., Janecki M.**, The automatic monitoring system for the ecohydrodynamic model 3D-CEMBSv2 in the operational version. Estuarine and Coastal Sciences Association 54, Coastal systems under change: tuning assessment and management tools, 12-16.05.2014, Sesimbra, Portugalia, Programme & Book of Abstracts, 2014, str. 108

85. **Orchowska M., Kukliński P.**, (2014) Zooid size variability within the Baltic Sea cheilostome bryozoans. 2014. XII Larwood Symposium, 12-13 czerwiec, IO PAN, Sopot, książka abstraktów, p. 29
86. **Osiński R.**, Maslowski W., Kinney J. C., Roberts A.: On the Sensitivity of Sea-Ice States to Variable Parameter Space in the Regional Arctic System Model (RASM), IGS Sea-Ice Symposium, 10-14 Mar., 2014.
87. **Ostrowska M., Woźniak B., Dera J.**, 2014, Quantum yields of deactivation of excitation energy of phytoplankton pigments on fluorescence, photosynthesis and heat production in the world ocean, Ocean Science Meeting, USA, Honolulu, Hawaje, 23-28 luty, <http://www.sgmeet.com/osm2014/viewabstract.asp?AbstractID=16028>
88. **Ostrowska M.**, 2014, Satelitarna kontrola środowiska Morza Bałtyckiego – SatBałtyk, I Międzynarodowe Forum Ekologiczne, Kołobrzeg, 16-18 września 2014, 48, Przewodniczący Rady Programowej: Jacek Chrzanowski, 78 stron.
89. **Pawłowska J., Zajączkowski M., Zaborska A.**, Szczuciński W., “In a changing climate: paleoceanographic record of environmental changes after the Little Ice Age in the Hornsund fjord”, Migała K., M. C. Strzelecki, P. Owczarek, T. Sawiński, M. Korzystka-Muskała, P. Muskała, M. Kasprzak, Book of abstracts: *35th Polar Symposium: Diversity and state of polar ecosystems*, Wrocław 2014, 138 str., ISBN: 978-83-62673-39-1
90. **Pazdro K., Siedlewicz G., Kosakowska A.** „Stężenia związków z grupy trwałych zanieczyszczeń organicznych (TZO) w osadach dennych Ławicy Słupskiej i Rynny Słupskiej”, str. 39, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
91. **Petelski T., Makuch P.**, Chilinski M., Lisok J., Ritter Ch., Neuber R., Udisti R., Mazzola M., Gausa M., Struzewska J., Kaminski J., Markowicz K., **Zielinski T., Rozwadowska A.**, Aerosol optical properties studied in the Svalbard area during the iAREA campaign, REKLIM, Berlin, 2014.
92. **Piskozub J., Jakacki J., Kosecki Sz., Przyborska A.**, The GAME project: challenges in modeling circulation of Svalbard fjords, „Lund Regional-scale Climate Modelling, Workshop, Lund, Sveden 2014
93. **Piwoni A., Kukliński P.**, Najorka J (2014) Skeletal mineralogy of Baltic bryozoa XII Larwood Symposium, 12-13 czerwiec, IO PAN, Sopot, książka abstraktów, p. 31
94. Plauškaitė K., Špirkauskaitė N., **Zieliński T., Petelski T.**, Ulevicius V., Characterization of Aerosol Particles Inorganic Chemical Composition over the South-Eastern Baltic Sea, International Aerosol Conference, AF0730, 2014.
95. Pompa D., Borecka M., Białk-Bielińska A., **Pazdro K.**, Stepnowski P. „Ocena narażenia południowej strefy Morza Bałtyckiego na obecność pozostałości farmaceutyków”, str. 40, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
96. **Pouch A., Zaborska A., Pazdro K.**, „Los PCB w środowisku arktycznym”, str. 41, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i

Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, ilość str. 44

97. **Przyborska A., Kosecki Sz., Jakacki J.**, Kongsfjorden-MIKE 3D model, EGU 2014
98. **Przytarska J., Kukliński P.,** Bellerby R., **Iglikowska A., Piwowarczyk J.,** Renaud P., Stolarski J., **Włodarska-Kowalczyk M.** (2014) Ocean acidification in the Arctic – the ecosystem respond to multiple stressors arising from ocean warming and chemistry changes. POLNOR project presentation – THE CHANGING OCEAN OF THE POLAR NORTH; ISTAS: Integrating Spatial and Temporal scales in the changing Arctic System: towards future research priorities, 62 pp.
99. Rakociński M., Zatoń M., Filipiak P., Borszcz T., Krawczyński W., Zhuravlev A. V., Sokiran E. V. (2014) Brachiopod shell-encrusting communities across the Upper Frasnian-Famennian interval in the Central Devonian Field, Russia. 4th International Palaeontological Congress (IPC), Mendoza (Argentina), 1pp. poster
100. Roberts, A., J. Cassano, A. DuVivier, M. Hughes, W. Maslowski, **Osiński R.:** A Case Study of High Frequency Ice-Ocean-Atmosphere Dynamics in the Regional Arctic System Model, IGS Sea-Ice Symposium, 10-14 Mar., 2014.
101. Roberts A., Craig A., Maslowski W., **Osiński R.,** DuVivier A., Hughes M., Nijssen B. (2014): A case study of high frequency ice-ocean-atmosphere dynamics in the Regional Arctic System Model, International Symposium on Sea Ice in Changing Environment, March 10-14, 2014.
102. Roberts A., Craig A., Maslowski W., **Osiński R.,** DuVivier A., Hughes M., Nijssen B., Cassano J., Hamman J., Hunke E., Brunke M., Zeng X., Fisel B., Gutowski W. (2014): Sea Ice Coupling in the Regional Arctic System Model and CESM, U.S. Department of Energy Climate Modeling Principal Investigator Meeting, Maryland, May 2014
103. **Sfugier K., Zbawicka M., Wenne R.,** BIT's 3rd Annual World Congress of Aquaculture and Fisheries, 16 – 18.10.2014, Track3: Research and development of seafood and nutrition. Genetic identification of commercial blue mussels. Dalian, Chiny, Abstract Book, 144 str.
104. **Schlichtholz P.:** 'Climate feedbacks and predictability in the Nordic Seas area: a view based on oceanic observations and atmospheric reanalysis data in recent decades'. EGU General Assembly 2014 (referat). [Abstract in: Geophysical Research Abstracts, Vol. 16, EGU2014-1061 2014]
105. **Siedlewicz G., Kotlarska E.,** Borecka M., Białk-Bielińska A., Stepnowski P., **Pazdro K.** „Pozostałości antybiotyków w osadach dennych południowego Bałtyku - stężenia i wpływ na bakteriocenozę”, str. 21, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
106. **Siedlewicz G., Pazdro K., Kotlarska E.,** Białk-Bielińska A., Borecka M., Stepnowski P., „Antibiotic residues in sediments from the southern Baltic Sea – concentrations and influence on bacteriocenosis”, Nordic Environmental Chemistry Conference, Reykjavik, Islandia, 11-13.06.2014, (poster), Materiały konferencyjne str. 76.

107. Spencer Jones ME, Porter JS, Thomas AL, Cook R, **Kukliński P** (2014) Substrate for settlement: a V-Factor project. XII Larwood Symposium, 12-13 czerwiec, IO PAN, Sopot, książka abstraktów, p. 38.
108. **Stoń-Egiert J.**; Majchrowski R., **Darecki M.**; **Sobiechowska-Sasin M.**, **Ostrowska M.**, 2014, Phytoplankton pigment responses to different light condition in Baltic Sea – measured and modeled results for case 2 waters, Ocean Science Meeting, Honolulu, Hawaje, 23-28 luty, <http://www.sgmeet.com/osm2014/viewabstract.asp?AbstractID=16040>
109. Stępień A, **Kukliński P**, **Włodarska-Kowalczyk M.** Zooid size structure along thermal regime in the Arctic region – overview of the project. XII Larwood Symposium, 12-13 czerwiec, IO PAN, Sopot, książka abstraktów, p. 39.
110. **Strzałkowska A.**, **Zieliński T.**, **Petelski T.**, **Pakszys P.**, **Markuszewski P.**, **Makuch P.** Studies of seasonal variations of aerosol optical properties with use of remote techniques, EGU2014-795,AS 3.15, , 2014.
111. **Szymczycha B.**, **Pempkowiak J.**, „Znaczenie dopływu wód podziemnych do środowiska morskiego”, str.15, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, ilość str. 44
112. **Trudnowska E.**, **Głuchowska M.**, **Błachowiak-Samołyk K.**, **Goszczko I.**, **Kwaśniewski S.**, Spatial plankton heterogeneity across the Arctic shelf frontal system and its ecological significance, wystąpienie na “Ocean Sciences Meeting”, 23-28 luty 2014, Honolulu, Hawaje, Stany Zjednoczone.
113. **Walczowski W.**, Structure and temporal variability of the Atlantic Water in the Fram Strait region, Konferencja 2014 Ocean Sciences Meeting Honolulu
114. Werner K., O'Regan M., Bauch D., Meier W. N., Pavlov A., **Goszczko I.**, Van Nieuwenhove N., Nikolopoulos A., Muller J., **Przytarska J.**, Frey K. E, de Vernal A., Jakobsson M., “Evaluating the role of Atlantic Water advection to the Arctic Ocean on geological, historical, and observational timescales, wystąpienie podczas “Integrating Spatial and Temporal scales in the changing Arctic System: towards future research priorities”, 41 pp, Arctic in Rapid Transition (ART) Science Workshop, 21-24 Oct 2014, Plouzane, Francja.
115. Wilson M. A., **Borszcz T.**, Zatoń M. (2014) Earliest direct evidence of fish predation on echinoids: bitten rhabdocidaroid spines in the Middle Jurassic (Callovian) of southern Israel. Geological Society of America (GSA) Annual Meeting, Vancouver, Canada, 1pp. referat
116. Wojtczyk A., **Schlichtholz P.**, Presler M., Mirowska A., Michajlowski J., Matuszewski M., Schlichtholz B.: ‘Prognostic significance of gene expression and DNA methylation analysis of selected DNA repair genes in bladder cancer using artificial neural approach’. Danube Scientific Conference On Epigenetics, 19–21 November 2014, Budapest, Hungary (poster). [Abstract in: Danube Scientific Conference On Epigenetics booklet, p. 75, <http://danube-epigenetics.weebly.com/abstracts.html>]
117. **Zaborska A.**, **Legeżyńska J.**, **Włodarska-Kowalczyk M.**, **Pazdro K.**, “Quantity and sources of food for benthic communities in the two contrasting Arctic fjords”, Kronberg L., H. C. B. Hansen, A. Bergman, M. Tysklind, G. Becher, Y. Thomassen, H. Mazur-

Marzec, O. Roots, V. Chashchin, Book of abstracts: Nordic Environmental Chemistry Conference (NECC 2014), Reykjavik, Island, 2014, 93 str.

118. **Zaborska A. Winogradow A., Legeżyńska J.** „Stężenia i źródła węgla organicznego w zawieszynie i osadach dennych dwóch fiordów Svalbardu”, str.44, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
119. **Zbawicka M.,** McQuaid C., **Wenne R.**, II International Ocean Research Conference, 17-21.11.2014. Identification of *Mytilus* mussels population from South Africa based on new SNP markers. Barcelona, Spain.
120. **Zbawicka M.,** Westfall K.M., Gardner J., **Wenne R.**, III International Marine Conservation Congress (IMCC), 14-18.08.2014, Glasgow, Scotland. Identification of natural and introduced population of *Mytilus* mussels from New Zealand based on new SNP markers.
121. **Zdun A., Rozwadowska A.**, 2014, Marine or continental? The aerosol optical properties in relation to inflowing air masses, Ocean Science Meeting, USA, Honolulu, Hawaje, 23-28 luty 2014, <http://www.sgmeet.com/osm2014/viewabstract.asp?AbstractID=16025>
122. **Zieliński T., Petelski T., Makuch M., Strzałkowska A., Markuszewski P., Kowalczyk J.** Water vapor analysis with use of sunphotometry and radiosoundings, EGU2014-816, AS 3.15, Paulina Pakszys, 2014.
123. **Zuzewicz A., Stramska M.**, 2014, Interactions between phytoplankton blooms and environmental conditions in the Baltic Sea – a modelling study, Climate Change – The environmental and socio-economic response in the Southern Baltic region, Witkowski A., Harff J., Reckermann M., International Baltic Earth Secretariat Publication, 2, May 2014, Szczecin, 19-20.
124. **Żak A., Kosakowska A.**, “The influence of extracellular compounds produced by *Phaeodactylum tricornutum* on *Nodularia spumigena* growth in natural seawater, str. 54, Surosz W. red., Cyanobacterial and algal blooms – effect on water management and human health, 33th International Conference of the Polish Phycological Society, Book of abstracts, Wydawnictwo Uniwersytetu Gdańskiego, 05.2014, 136 str.
125. **Żak A., Kosakowska A.** „Wpływ metabolitów wtórnych produkowanych przez wybrane gatunki bałtyckich sinic, okrzemek i bruzdnic na wzrost zielenicy *Chlorella vulgaris*”, str. 22, Zaborska A. red., XI Konferencja Komitetu Badań Morza PAN, „Chemia, Geochemia i Ochrona Środowiska Morskiego”, Materiały Konferencyjne, Sopot, 24.10.2014, 44 str.
126. **Żak A., Kosakowska A.**, “The influence of extracellular compounds produced by selected Baltic cyanobacteria, diatoms and dinoflagellates on growth of green algae *chlorella vulgaris*”, Carbal H., ECSA54, Coastal systems dunder change: tuning assessment and management tools, Programme and Book of abstracts, Centro de Oceanografia, Sesimbra, Portugal, 12-16.05.2014, 144 str.

### Publikacje popularno-naukowe:

1. **Borszcz T.** (2014) Wspomnienia z konferencji naukowej 9th International Symposium on the Cretaceous System – 1-5 wrzesień 2013 – Ankara, Turcja. *Wszechświat* 4/6: 129-130.
2. Smoła Z., **Wesławski J. M., Kotwicki L., Bałazy P.,** Andrulewicz E., **Piwowarczyk J.** (2014) Podmorski ogród Gdyni planowany rezerwat morski – poradnik użytkownika. IO PAN, KBM PAN
3. **Kotwicki L., Przytarska J., Węśławski J. M.** - Zestaw projektów „Nauka obywatelska” – Ukryta Woda - zrealizowany we współpracy z NFOŚ – strony [www.ipan.gda.pl/projects/nauka\\_obywatelska](http://www.ipan.gda.pl/projects/nauka_obywatelska)

### Inne:

1. Angel M.V., **Błachowiak-Samołyk K.** (2014) Halocyprid ostracods of the Southern Ocean In: De Broyer C., Koubbi P., Griffiths H.J., Raymond B., Udekem d'Acoz C. d', et al. (eds.). *Biogeographic Atlas of the Southern Ocean*. Scientific Committee on Antarctic Research, Cambridge, pp. 297-302.
2. **Dera J.**, 2014, From the Editor, *Oceanologia*, 56 (4), 669-672
3. **Dera J.**, 2014, Instytut Oceanologii PAN w Sopocie buduje System Satelitarnej Kontroli Środowiska Bałtyku, *Fakty Magazyn Gospodarczy*, 2 (68), marzec/kwiecień 2014, 54-56.
4. **Klusek Z., Kukliński P., Szczucka J.,** Witalis B., Baranowska A. Hałas generowany w czasie realizacji prac podwodnych i jego potencjalny wpływ na środowisko morskie w Porcie Gdynia. Raport na zlecenie Portu Gdynia. 2014. Stron: 1-52.
5. **Woźniak B.** (red), Bradtke K., Cieślukiewicz W., **Darecki M., Dera J.,** Dudzińska-Nowak J., Ficek D., Furmańczyk K., **Kowalewski M.,** Krężel A., Majchrowski R., **Ostrowska M., Sagan S., Stramska M.,** Zapadka T., 2014, *Centrum SatBałtyk: Projekt utworzenia i działania Centrum Satelitarnej Kontroli Środowiska Morza Bałtyckiego i innych akwenów*, Wyd. 2, uzupełnione, Wyd.: Konsorcjum SatBałtyk, Instytut Oceanologii PAN, 44 strony, ISBN978-83-936609-2-6