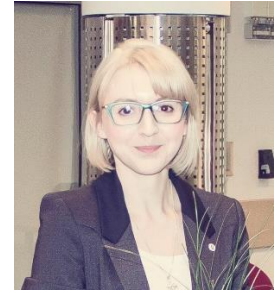


ANNA MARIA KUBISZYN

PhD, Marine Protist Ecology & Taxonomy



SCIENTIFIC INTERESTS

planktonic protists, dinoflagellates, ciliates, Arctic, marine ecology, food-web linkage through nano- to mesoplankton

EDUCATION

2016- PhD thesis "Seasonal development of planktonic protist communities of Adventfjorden waters (West Spitsbergen) in terms of the environmental conditions"
2011- Master's thesis "Summer assemblages of planktonic protists of Kongsfjorden and adjacent waters (West Spitsbergen) in 2007 and 2009"
2009- Bachelor's thesis "Teratological forms of diatoms as indicators of the aquatic environmental conditions"

PROFESSIONAL POSITIONS

18.01.2017 (ongoing)- the assistant professor position (IOPAN)
1.06.2014 - 18.01.2017 - the assistant position (IOPAN)
30.04.2013 - 1.06.2014 - the oceanographer position (IOPAN)

STATUTORY ACTIVITIES AT IOPAN

Head of the statutory tasks:

Task I.5.5. The study of planktonic protist communities and chlorophyll a concentrations in the Nordic and Arctic Seas (ongoing)

Task I.7.4. The study of seasonal variation of taxonomic composition and abundance / biomass of planktonic protist communities in the European Arctic waters - 2015 (ended)

TRAINING COURSES

2017- EMOSE 2017: Inter-Comparison of Marine Plankton Metagenomic Methods", 11-15 September, the Interdisciplinary Centre of Marine and Environmental Research (CIIMAR), Porto, Portugal

2015- "11th Advanced Phytoplankton Course - APC 11 Taxonomy and Systematics", 4-24 October, Stazione Zoologica Anton Dohrn, Naples, Italy

2014- "Statistics for naturalists" (AZB), Sopot, Poland

2013- "Writing skills: research projects" ARCTOS, Tromsø/Svolvær, Norway

2013– “Haptophyceae, Raphidophyceae and Dictyochophyceae” by Øjvind Moestrup, HELCOM PEG meeting, Gdynia, Poland
2010– “Taxonomy of Recent Dinophyceae” by Malte Elbrächter, Wattenmeerstation Sylt, Alfred Wegener Institut für Polar und Meeresforschung, List / Sylt, Germany
2007– “Seismic mitigation measures”, Marine Mammal Observer Association (MMOA)

CONFERENCES

2018 – **Kubiszyn A.M.**, Wiktor J.M. Jr., Merchel M., Wiktor J.M., “The spatial variability of qualitative and quantitative structure of planktonic protist communities in the North Atlantic Current (the Nordic Seas)”, 27th International Polar Conference, Rostock (poster)

2018 – Trudnowska E., R. Boehnke, K. Draganska-Deja, K. Deja, **A.M. Kubiszyn**, K. Błachowiak-Samołyk, “The content of glacial soup in Svalbard waters and its importance for food web interactions”, 27th International Polar Conference, Rostock (oral presentation)

2018 – Trudnowska E., Boehnke R., **Kubiszyn A.M.**, Błachowiak-Samołyk K., “Muddy plumes – particles and plankton close to active tidewater glaciers on Svalbard”, IASC-NAG Workshop on Arctic Glaciology & Proglacial Marine Ecosystems, Obergurgl, Austria (oral presentation)

2017 - **Kubiszyn A.M.**, Wiktor J.M., Wiktor J.M. Jr., Kristiansen S., Gabrielsen T. “Inter-annual differences in phytoplankton spring bloom community structure in a high Arctic fjord (Adventfjorden, Svalbard)”, IPC11 Conference, Szczecin, Poland (poster)

2017 - Trudnowska E., Sagan S., **Kubiszyn A.M.**, Greave M., Boehnke R., Wiktor J., Błachowiak-Samołyk K. “Copepod on a diet – the ecological consequences of reconstruction of the pelagic biota due to climate warming”, The Crustacean Society Mid-Year Meeting, Barcelona, Spain (poster)

2017 - **Kubiszyn A.M.**, Wiktor J.M., Wiktor J.M. Jr., Kristiansen S., Gabrielsen T. “Inter-annual differences in phytoplankton spring bloom community structure in a high Arctic fjord (Adventfjorden, Svalbard)”, ICOP Conference, Prague, Czech Republic (poster)

2017– **Kubiszyn A.M.**, Wiktor J.M., Wiktor J.M. Jr., Kristiansen S., Gabrielsen T. “Seasonal development of planktonic protist communities of Adventfjorden waters (West Spitsbergen) in terms of the environmental conditions”, ASLO Conference, Honolulu, Hawaii (oral presentation)

2017– **Kubiszyn A.M.**, Wiktor J.M., Wiktor J.M. Jr., Kristiansen S., Gabrielsen T. “Seasonal development of planktonic protist communities of Adventfjorden waters (West Spitsbergen) in terms of the environmental conditions”, Arctic Frontiers Conference, Tromsø, Norway (poster)

2017 - Błachowiak-Samołyk K., **Kubiszyn A.M.**, Sagan S., Wiktor J., Boehnke R., Trudnowska E. “Insights on holistic plankton size structure of Isfjorden by exploiting optical and traditional approaches” Arctic Frontiers Conference, Tromsø, Norway (oral presentation)

2017 – Błachowiak-Samołyk K., **Kubiszyn A.M.**, Sagan S., Wiktor J., Boehnke R., Trudnowska E. “Insights on relationship between distribution of different plankton size fractions along Isfjorden

(Spitsbergen) environmental gradients”, The Arctic Science Summit Week, Prague, Czech Republic (oral presentation)

2016 – Błachowiak-Samołyk K., **Kubiszyn A.M.**, Sagan S., Wiktor J., Boehnke R., Trudnowska E. “From pico- to macroplankton: complex examination of Isfjorden plankton size structure using optical and traditional methods”. 6th Zooplankton Production Symposium, Bergen, Norway (poster)

2016 – Głuchowska M, Dalpadado P, Beszczynska-Möller A, Olszewska A, Trudnowska E, Goszczko I, **Kubiszyn A.M.**, Błachowiak-Samołyk K, Walczowski W, Ormańczyk M, Ingvaldsen RB, Kwasniewski S. Atlantic zooplankton journey to the Arctic Ocean: how to get there? ICES/PICES 6th Zooplankton Production Symposium "New Challenges in a Changing Ocean", Bergen, Norway (oral presentation)

2015 – Głuchowska M., Trudnowska E., Goszczko I., **Kubiszyn A.M.**, Błachowiak-Samołyk K., Walczowski W., Kwaśniewski S. “Destination north – structural and functional diversity of zooplankton in relation with environmental variables at the entrance to the Arctic Ocean”. Arctic Summit Science Week 2015, Toyama, Japan (poster)

2015 – Głuchowska M, Dalpadado P, Beszczynska-Möller A, Olszewska A, Trudnowska E, Goszczko I, **Kubiszyn A.M.**, Błachowiak-Samołyk K, Walczowski W, Ormańczyk M, Ingvaldsen RB, Kwasniewski S. Spatial and interannual zooplankton variability within Atlantic water flow to the Arctic. SCOR Annual Meeting, Sopot, Poland (oral presentation)

2014 – **Kubiszyn A.M.**, Trudnowska E., Wiktor J.M., Boehnke R., Błachowiak-Samołyk K. “Relationship between different plankton size fractions in a warming Arctic fjord”. ASLO Conference, Honolulu, Hawaii (poster)

2013– **Kubiszyn A.M.**, Błachowiak-Samołyk K., Hegseth E.N., Falk-Petersen S., Wiktor J.M. “Winter Tales – a dark side of planktonic life”. The Arctic Frontiers Conference, Tromsø, Norway (poster)

2011– Spich K., Piwosz K., Wiktor J., Tatarek A., **Kubiszyn A.M.** “Community structure of autotrophic flagellates in waters of the west Spitsbergen (Svalbard, Norway)”, SAME12: 12th Symposium on Aquatic Microbial Ecology, Rostock, Germany (poster)

2011– Piwosz K., Spich K., **Kubiszyn A.M.**, Wiktor J., Tatarek A. “Distribution of Haptophytes in waters of the West Spitsbergen (Svalbard, Norway)”. The 4th Congress of the FEMS, Geneva, Switzerland (poster)

RESEARCH PROJECTS

Project leader:

“Let's Sea – Impact of environmental conditions on seasonal and inter-annual variability of marine, planktonic protist communities of the European Arctic waters (Isfjorden, West Spitsbergen)”, Polish Research funds

Co-investigator:

“AREX- Time-spatial variability of qualitative and quantitative structure of planktonic protist communities in the North Atlantic Current (the Nordic Seas)”, Polish-Norwegian Research funds

“GAME- Growing of the Arctic Marine Ecosystem – the reaction of physically controlled Arctic marine ecosystem to temperature rise”, Polish Research funds

“PicMac- Is size so crucial? Complex examination of plankton size structure in the warming European Arctic”, Polish Research funds

“UniPlankton- Seasonality of Arctic plankton community of Isfjorden”, Polish-Norwegian Research funds

“MicroFun- an Arctic Biology research project - monitoring of planktonic protists of Adventfjorden and Isfjorden in the full year time scale”, Norwegian Research funds

“AEM-MOSJ- The Environmental Monitoring of Svalbard and Jan Mayen”, Norwegian Research funds

“KongHAU- The Kongsfjord-Hausgarten transect case study: Impact of climate on Arctic marine community structures and food webs”, Polish-Norwegian Research funds

“Face2Face- From benthos - dominated to zooplankton - dominated mode: two faces of the Arctic fjords in the changing world”, Polish Research funds

“ZOOM- The impact of climate change on the structure and trophic network of marine communities in the Arctic”, Polish-Norwegian Research funds

“SEAPOPOP II- Wpływ zależności pomiędzy fito- a zooplanktonem na populacje planktonożernych ptaków Svalbardu”, współfinansowanego ze środków MNiSW i funduszy norweskich

RESEARCH CRUISES

2016, 2015-2013, 2010- Summer expedition of *r/v Oceania* to the European Arctic

2012- Summer expedition of *r/v Lance* to the European Arctic

2012- Winter expedition “Polar Night Cruise” of *r/v Helmer Hanssen* to the area north of Svalbard

2008- Scientific cruise of *r/v Arctowski* to the Baltic Sea

OTHER SCIENTIFIC ACTIVITY

member of the ARCTOS - Arctic Marine Ecosystem Research Network „ARCTOS network”,
member of the Polish Hydrobiological Society
member of the Sopot Scientific Society

reviewer in international scientific journals: *Botanica Marina*, *Plos One*, *Polar Research*

chairman at the Arctic Frontiers Conference 2017 in Tromsø, Norway; Session: Bridging physical and biological processes in the Arctic Ocean; Sub-session: Microbial communities in a changing Arctic

PUBLICATIONS

Kubiszyn A.M., Svensen C. First record of a rare species *Polyasterias problematica* (Prasinophyceae) in Balsfjord, northern Norway. After revision in *Botanica Marina* (accepted)

Kubiszyn A.M., Wiktor J.M., Wiktor J.M. Jr., Kristiansen S., Vader A., Gabrielsen T. Inter-annual variability in the planktonic protist community structure of an ice-free high Arctic fjord (Adventfjorden, West Spitsbergen). After revision in *Progress in Oceanography* (major revision)

Smola Z., **Kubiszyn A.M.**, Różańska M., Tatarek A., Wiktor J.M. (2018) [w:] Zieliński T., Sagan I., Surosz W. (ed.) *Protists of Arctic Sea Ice. Interdisciplinary Approaches for Sustainable Development Goals* (pp. 133-146). Springer, Cham.

Kubiszyn A.M., Wiktor J.M., Wiktor J.M. Jr., Griffiths C., Kristiansen S., Gabrielsen T. (2017) The annual planktonic protist community structure in an ice-free high Arctic fjord (Adventfjorden, West Spitsbergen), *Journal of Marine Systems*, 169, 61-72. doi: 10.1016/j.jmarsys.2017.01.013

Kubiszyn A.M., Wiktor J.M., Kristiansen S., Gabrielsen T. (2017). Inter-annual differences in phytoplankton spring bloom community structure in a high Arctic fjord (Adventfjorden, Svalbard) [w:] Małgorzata Bąk, Przemysław Dąbek, and Andrzej Witkowski. *Abstracts of Papers to be Presented at the 11th International Phycological Congres. Phycologia: 2017*, Vol. 56, No. sp4, pp. 1-226.

Głuchowska M., Trudnowska E., Goszczko I., **Kubiszyn A.M.**, Błachowiak-Samołyk K., Walczowski W., Kwaśniewski S. (2017) Variations in the structural and functional diversity of zooplankton over vertical and horizontal gradients en route to the Arctic Ocean through the Fram Strait. *PloS one*, 12(2), e0171715.

Smola Z., Tatarek A., Wiktor J., Wiktor J.M. Jr., Hapter R., **Kubiszyn A.M.**, Węśławski J.M. (2017) Primary producers and production in two West Spitsbergen fjords – comparison of two fjord systems (Hornsund and Kongsfjorden). *Polish Polar Research* 38, 265–289, doi: 10.1515/popore-2017-0013

Kubiszyn A.M., Wiktor J. M. (2016). The *Gymnodinium* and *Gyrodinium* (Dinoflagellata: Gymnodiniaceae) of the West Spitsbergen waters (1999–2010): biodiversity and morphological description of unidentified species. *Polar Biology*, 1-9.

Kubiszyn A.M., Piwosz K., Wiktor J. M. Jr, Wiktor J. M. (2014) The effect of inter-annual Atlantic water inflow variability on the planktonic protist community structure in the West Spitsbergen waters during the summer. *J. Plankton Res.* 36 (5): 1190-1203, doi:10.1093/plankt/fbu044

Błachowiak-Samołyk K., Wiktor J.M., Hegseth E.N., Falk-Petersen S., **Kubiszyn A.M.** (2014) Winter Tales - a dark side of planktonic life. *Polar Biology* 38, 23-36, doi: 10.1007/s00300-014-1597-4

Piwosz K., Spich K., Całkiewicz J., Weydmann A., **Kubiszyn A.M.**, Wiktor J.M. (2014) Distribution of small phytoflagellates along an Arctic fjord transect. *Environmental microbiology*, 17, 2393-2406, doi: 10.1111/1462-2920.12705