

MAURYCY ŻARCZYŃSKI

RESEARCH UNIT	OFFICE ADDRESS	E-MAIL ADDRESS
Division of Geomorphology and Quaternary Geology	Bażyńskiego 4 80-309 Gdańsk room B428	maurycy.zarczynski@ug.edu.pl

EDUCATION

	University of Gdańsk PhD in Earth sciences
2014 – 2019	<i>Environmental change during the last 2000 years recorded in microfacies and geochemistry of varved sediments from Lake Żabińskie (northeastern Poland)</i>
	University of Gdańsk Master
2012 – 2014	<i>Conditions of spatial and chemical variability of Lake Łazduny lacustrine sediments</i>
	University of Gdańsk Bachelor
2009 – 2012	<i>Morphometric drivers of sedimentation in Lake Żabińskie</i>

WORK EXPERIENCE

2019 – now	Environmental Change Reconstruction Laboratory, University of Gdańsk Assistant Professor (Post-doc)
2020 – 2020	Marine Biogeochemistry Laboratory, Institute of Oceanology, Polish Academy of Sciences Internship
2019 – 2019	Oeschger Centre for Climate Change Research, University of Bern Internship (International scholarship exchange of PhD candidates and academic staff PROM, NAWA)
2017 – 2017	Sedimentology Laboratory, Pedagogical University of Cracow Internship
2016 – 2016	Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences Internship
2014 – 2019	Environmental Change Reconstruction Laboratory, University of Gdańsk PhD student
2013 – 2013	GEOPOLAR Laboratory, University of Bremen Internship

AWARDED GRANTS / PARTICIPATION IN RESEARCH PROJECTS

2020 – now	Potential of Georgian lake sediments for environmental change reconstructions during the Holocene (2020/04/X/ST10/00467) Principal investigator
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2019 – now	<p>Tracking climate signals preserved in lake sediments from integrated process studies and ultra high-resolution analysis of annually laminated sediments (2015/18/E/ST10/00325) Post-doc</p>
2019 – 2020	<p>Ultrahigh-resolution monitoring of dissolved O₂ as a tool for tracking lake mixing processes and alternations of sedimentary Fe and Mn phases in lakes Łazduny and Żabińskie (Masurian Lakeland) (539-G110-B433-19) Project manager</p>
2018 – 2018	<p>Historical and modern conditions for sedimentation of laminated sediments in lakes of northern Poland (538-G110-B099-18) Participant</p>
2017 – 2017	<p>Estimation of erosion rate changes in the Lake Żabińskie catchment during the last 2000 years based on the high-resolution grain-size analysis (538-G110-B576-16) Project manager</p>
2016 – 2016	<p>Recognition of the Lake Żabińskie varve microfacies as a tool for determination of annual deposition rhythm and creation of robust chronology for the last 2000 years (538-G110-B218-16) Project manager</p>
2016 – 2016	<p>An influence of limnological conditions on sedimentation in selected lakes of northern Poland (538-G110-B216-16) Participant</p>
2015 – 2017	<p>Air temperature variability in northern Poland during the past two millennia - quantitative reconstruction based on annually laminated sediments of Lake Żabińskie (CLIMPOL-2k) (2014/13/B/ST10/01311) Participant</p>

SCIENTIFIC AWARDS

- **Stefan Kozarski Award:** The best doctoral thesis defended in the 2019, Association of Polish Geomorphologists, 2020
 - **Highly commended oral presentation:** *“Tracing lake mixing regimes using sedimentological and geochemical proxies in varved sediments: 2000-years-long record from Lake Żabińskie (NE Poland)”*, IPA-IAL 2018 Joint Meeting: Unravelling the Past and Future of Lakes, 18–21.06.2018, Stockholm
 - **Best poster award:** X Paleolimnological Symposium, 18–19.03.2019, Białystok
 - **Best poster award:** VII Paleolimnological Symposium, 03–04.03.2016, Szczecin
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PROFFESIONAL MEMBERSHIPS

- Polish Geographical Society
 - PAGES Varve Working Group
 - Association of Polish Geomorphologists
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OTHER INFORMATION
