

MAURYCY ŻARCZYŃSKI

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

EDUCATION

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| | 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

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

AWARDED GRANTS / PARTICIPATION IN RESEARCH PROJECTS

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| 2019 – now | 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 |
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| 2019 – now | <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

- **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
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PROFFESIONAL MEMBERSHIPS

- Polish Geographical Society
 - Association of Polish Geomorphologists
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OTHER INFORMATION
