

Curriculum vitae

Paweł Jarosiewicz



Date of birth: 09.11.1990
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Education:

- 2015 – present PhD, Ecohydrology, Institute of Ecology and Environmental Protection, Faculty of Biology and Environmental Protection, University of Lodz
 - 2013 – 2015 MSc, Medical Biotechnology, University of Lodz
 - 2010 – 2013 BSc, Biotechnology, University of Lodz
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Professional experience:

- 05.2019 – present **Project coordinator**, Innovation Voucher (Polish title: Bon Na Innowacje), founded by the Polish Agency for Enterprise Development (PARP) for the development and optimisation of the BioKer – innovative material for pollutants removal from aquatic environment, with total budget approx. 122 843,00 USD.
- 05.2019 – present **Leading contractor** of the ecohydrological adaptation of the Oder River waterway project. Responsible for conducting negotiations and preparing guidelines. Agreement NR/23/RO/3/2019. Project Leader: Prof. Maciej Zalewski.
- 02.2019 **Intern** in the Water Research Institute (IRSA), Consiglio Nazionale delle Ricerche, Rome, Italy. Internship supervisor: dr. Stefano Fazi.
- 11.2018 – 08.2019 **Contractor**, “Ecohydrological development of the reservoir with WBRSC strategy for Climate Change adaptation and pollutants reduction in Łask, Poland” project. Agreement RO/96/2018. Project Leader: Prof. Maciej Zalewski.
- 06.2018 – present **Secretary** for the Polish National Committee for UNESCO IHP
- 03.2018 – present **Assistant Editor**, International Journal, Ecohydrology & Hydrobiology (Impact Factor: 1,877, Elsevier).

- 09.2017 – 11.2018 **Research coordinator**, Optimization of the ceramic aggregate coated with a biopolymer with a modifiable composition (BioKer). Project founded by the Polish Ministry of Science and Higher Education. Total budget 25 000,00 USD.
 - 04.2017 – present **Volunteer**, Adaptation to climate change through sustainable management of water of the Urban area in Radom city, LIFE14 CCA/PL/000101 project.
 - 02.2017 – 02.2018 **Research assistant**, European Regional Centre for Ecohydrology of the Polish Academy of Sciences.
 - 02.2016 – 10.2016 **Volunteer** in the Environmental Protection Agency in Łódź, Poland
 - 11.2014 – 09.2015 **Research assistant**, LIFE+ EKOROB project - Ecotones for reducing diffuse pollution (LIFE08 ENV/PL/000519).
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Publications:

- Koniuszewska I., Korzeniewska E., Harnisz M., Kiedrzyńska E., Kiedrzyński M., Czatkwowska M., **Jarosiewicz P.**, Zalewski M. 2019 *The occurrence of antibiotic-resistance genes in the Pilica River, Poland*, Ecohydrology & Hydrobiology, *in press*.
 - Izydorczyk K., Michalska-Hejduk D., **Jarosiewicz P.**, Bydałek F., Frątczak W. 2018 *Extensive grasslands as an effective measure for nitrate and phosphate reduction from highly polluted subsurface flow—Case studies from Central Poland*, Agricultural Water Management, 203, 240-250.
 - Kwiatkowska M., **Jarosiewicz P.**, Michałowicz J., Koter-Michalak M., Huras B., Bukowska B. 2016 *The impact of Glyphosate, Its Metabolites and Impurities on Viability, ATP Level and Morphological changes in Human Peripheral Blood Mononuclear Cells*, PloS one, 11(6), e0156946
 - Izydorczyk K., Michalska-Hejduk D., Frątczak W., Bednarek A., Łapińska M., **Jarosiewicz P.**, Kosińska A., Zalewski M. 2015 *Strefy buforowe i biotechnologie ekohydrologiczne w ograniczaniu zanieczyszczeń obszarowych*, ISBN: 978-83-928245-1-0 (book in polish)
 - Zalewski M., **Jarosiewicz P.** Patent application nr P.420265 *Kruszywo Ceramiczne opłaszczone wielowarstwowym biopolimerem*, 01.2017
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International Conferences:

- Zalewski M., **Jarosiewicz P.**, *Ecohydrological adaptation of the Oder River Waterway*, 2nd Inland Navigation Congress, Opole, Poland, 09.2019.
- **Jarosiewicz P.**, Zalewski M., *UNESCO IHP demosites as a framework for the development of innovative ecohydrological biotechnologies and systemic solutions – from molecular to catchment scale*, Global Ecohydrology Demosite Meeting, Putrajaya, Malaysia, 07.2019.

- **Jarosiewicz P.**, Zalewski M., *Ecohydrology - scientific approach to enhance the self-purification processes in the aquatic ecosystems*, International Forum of Public Universities Summer School, Tianjin, China, 06.2018
- **Jarosiewicz P.**, Zalewski M., *Ecohydrological Biotechnologies For Enhanced Degradation Of Pesticides In The City of Future*, International Symposium Ecohydrology For The Circular Economy And Nature-Based Solutions Towards Mitigation/Adaptation To Climate Change, Lodz, Poland, 09.2017
- **Jarosiewicz P.**, Zalewski M., *Ecohydrological biotechnologies as a key to the pesticide contamination reduction*, 2nd African International Symposium Ecohydrology For Water, Biodiversity, Ecosystem Services And Resilience In Africa, Addis Ababa, Ethiopia, 11.2016
- **Jarosiewicz P.**, *Good laboratory practices, safety measures and quality of data for Ecohydrology research*, Advanced Training Course Ecohydrology and Systemic Biotechnology Solutions for Implementation of Sustainability in Africa, Addis Ababa, Ethiopia, 11.2016
- **Jarosiewicz P.**, Jaskulska A., Zalewski M., *Ecohydrology – mitigation strategy for the effects of the climate change on aquatic ecosystems*, French-German-Polish Conference: Water and Climate Change, Lipsk, Germany, 11.2015
- **Jarosiewicz P.**, Kwiatkowska M., Bukowska B., Zalewski M. *Pesticides dynamics in the catchments and possibilities of reduction their transfer to freshwater ecosystems and coastal zones*, International Conference: Ecohydrology2015, Lyon, France, 09.2015

Other activities:

- **Invited Speaker** during the discussion panel on climate change and cities, Freedom Games, Łódź, Poland, 09.2019.
- **Organizer and chairman** of the session *Ecohydrology for the mitigation of Climate Change effects on water-related ecosystems – Youth Perspective* during Global Conference of Youth (COY14), Katowice, Poland, 11.2018.
- **Organizing Committee member**, *DIOXIN Students Symposium*, Kraków, Poland, 08.2018.
- **Head of the Symposium Secretariat**, *International Symposium Ecohydrology For The Circular Economy And Nature-Based Solutions Towards Mitigation/Adaptation To Climate Change*, Łódź, Poland, 09.2017.
- **Lecturer** during the University of Lodz Summer School for Chinese Students, *“Understanding Poland: Economy, Society and Science”*, Łódź, Poland, 2017, 2018, 2019.
- **Organizing Committee member**, *2nd African International Symposium Ecohydrology For Water, Biodiversity, Ecosystem Services And Resilience In Africa*, Addis Ababa, Ethiopia, 11.2016.
- **Participant** in the meeting *Ecohydrology and Biomarkers* organized by Joint Research Centre of the European Commission in Ispra, Italy, 06.2015.

Achievements:

- The UNIVERSITAS LODZIENSIS ALUMNO LAUDE DIGNISSIMO medal awarded for outstanding PhD students activity for the benefits of the University of Lodz, 09.2019.
- Gold medal for the *Innovative Solution for plant growth, microorganism application and water purification* (patent application P.420265) on the International *Concours Lepine*, Paris, France, 05.2018.
- Silver medal for the *Innovation Solution for plant growth, microorganism application and water purification* (patent application P.420265) on the International Congress of Innovation, Katowice, Poland, 06.2018.
- Founder and Coordinator of the Ecohydrology Students Association at the University of Lodz, from 2018. The major objective of the Association is to promote the knowledge about ecohydrology and inspire the next generations of students to start interdisciplinary research on water-related ecosystems.
- Head of the Commission for evaluation of PhD students scholarship applications at the University of Lodz (2018, 2019).
- Assistant Supervisor for two 6-months internships founded by Polish National Committee for UNESCO for Ethiopian students and three 4-months internships founded by Polytech Tours for French students.
- Solely representative of the University of Lodz for the Polish PhD students meetings (2017, 2018).
- Coordinator and organizer of the *Ecohydrology* workshop and side events during the Science, Technology and Art Festival in Łódź, Poland (2016, 2017, 2018, 2019).
- Diploma for the best student at the Faculty of Biology and Environmental Protection, University of Lodz (2014, 2015).
- Coordinator of the Ecology and Environmental Protection session at the national PhD students conference BioOpen (2016, 2017, 2018).