

**Candidate supervisor's information summary form**  
maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: <b>Leszek Hejduk dr hab.eng.</b>	
Discipline/ disciplines of science	environmental engineering, mining and energy
Professional development (degrees and titles) in chronological order	1996 – M. Sc. eng. - Master's degree in environmental engineering with a specialization in Water Management and Hydrology (Warsaw University of Technology); 2000 - M.Sc. - Master's degree in management and marketing (Warsaw School of Economics); 2001 - PhD degree in agricultural sciences in the field of environmental management (SGGW); 2018 - PhD hab. - habilitation in agricultural sciences, protection and development of the environment (WULS-SGGW)
Most important publications/ patents in the last 3 years (maximum 10)	<p><b>Hejduk L</b>, Kaznowska E, Wasilewicz M, Hejduk A. The Impact of Hydrological Streamflow Drought on Pollutant Concentration and Its Implications for Sustainability in a Small River in Poland. Sustainability. 2025;17:1–17. doi:10.3390/su17156995</p> <p>Kaznowska E, Wasilewicz M, Hejduk A, Stelmaszczyk M, <b>Hejduk L</b>. Long-Term Trends and Characteristics of Water Temperature Extremes of a Large Lowland River During the Summer Season from 1920 to 2023—Case Study of the Bug River in Poland, Eastern Europe. Sustainability. 2025;17:1–31. doi:10.3390/su172411189</p> <p>Krajewski A, <b>Hejduk L</b>, Sikorska-Senoner AE. Estimating sediment yield from a small urban catchment of a heterogeneous structure. Land Degradation &amp; Development. 2024;35:496–507. doi:10.1002/ldr.4932</p> <p>The Groundwater Resources in the Mazovian Lowland in Central Poland during the Dry Decade of 2011–2020 Kaznowska Ewa, Wasilewicz Michał, <b>Hejduk Leszek</b> [i in.], Water, 2024, vol. 16, nr 2, s.1-27, DOI:10.3390/w16020201</p> <p>Estimation of Long-Term Suspended Sediment Yield from a Small Agricultural Catchment Krajewski Adam, Banasik Kazimierz, <b>Hejduk Leszek</b>, Journal of Ecological Engineering, 2024, vol. 25, nr 1, s.99-107. DOI:10.12911/22998993/174122</p>
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral programmes/procedures) in chronological order	auxiliary supervisor in 1 completed doctoral process (2017) and auxiliary supervisor in 1 incomplete doctoral process.

Project/grants achievements (from the last 5 years)	<p><b>2019-2023</b> Head of the project: "Integrated development program of the Warsaw University of Life Sciences for Regional Development, POWR.03.05.00-00-ZR14 / 18"</p> <p><b>2020-2024</b> COST CA19139 - Process-based models for climate impact attribution across sectors (PROCLIAS) – Management Committee member</p>
Topic – research problem – for which the candidate supervisor seeks a doctoral student	<ol style="list-style-type: none"> <li>1. Modelling of pollutant transport from catchments to water courses</li> <li>2. Impact of climate change on extreme phenomena: droughts and floods in agricultural / urbanized catchments</li> </ol>
<p><u>Contact details:</u></p> <p>Faulty/Institute</p> <p>E-mail address</p> <p>Tel.</p>	<p>Faculty of Civil and Environmental Engineering / Institute of Environmental Engineering/ Department of Water Engineering and Applied Geology</p> <p><a href="mailto:leszek_hejduk@sggw.edu.pl">leszek_hejduk@sggw.edu.pl</a></p> <p>22 59 352 87</p>