

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

Name and surname, degree, title: dr hab inż. Agnieszka Bus, associate professor	
Academic discipline/disciplines	Environmental engineering, mining and energy
Professional development (degrees and titles) in chronological order	2008 r. – MSc in Environmental Protection 2013 r. – PhD in Protection and Environmental Development 2019 r. – Habilitation degree in technical science
Most important publications/ patents in the last 3 years (maximum 10)	BUS A., KARCZMARCZYK A. BARYŁA A.: Nature-based solutions enhanced by reactive materials for the protection of urban water bodies, Desalination and Water Treatment, 2023, vol. 281, 70-77 BUS A., Budzanowska K., Karczmarczyk A., Baryła A., Raw and Calcined Eggshells as P-Reactive Materials in a Circular Economy Approach Sustainability, 2025, vol. 17, nr 3, s.1-19:1191. Patent P. 403571, „Filtr do usuwania zanieczyszczeń, zwłaszcza z małych cieków i zbiorników wodnych” (Bus A. 50%, Karczmarczyk A. 50%).
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	-
Achievements in the area of projects/grants (in the last 5 years)	-
Subject area of the research project for which the candidate student is being recruited	Phosphorus reclamation of surface waters by reactive materials Application of nature-based solutions to improve water quality Ecosystem services and economic efficiency of pro-ecological investments
Contact details: Institute E-mail address Telephone number	dr hab. inż. Agnieszka Bus, associate professor Institute of Environmental Engineering e-mail: agnieszka_bus@sggw.edu.pl tel. 22 5935099