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. Anna Baryła, associate professor**	
Academic discipline/disciplines	Environmental engineering, mining and energy
Professional development (degrees and titles) in chronological order	July 13th 2004 –PhD in Environmental Development (Argicultural Sciences), Faculty of Engineering and Environmental Sciences, Warsaw University of Life Sciences. Title of the thesis: „Calculation of ridge terraces spacing using a surface runoff model". November 13th 2019-Post-doctoral degree in Environmental Engineering (Technical Sciences), Title of the thesis: "The role of green roofs in adapting cities to climate change".
Most important publications/ patents in the last 3 years (maximum 10)	BARYŁA A. KARCZMARCZYK A., BUS A., SAS W. 2024. Water retention and runoff quality of a wildflower meadow green roof with different drainage layers. Ecohydrology & Hydrobiology, Vol. 24, (3),591-598. Baryła A., Gnatowski T., Karczmarczyk A., Szatyłowicz J. 2019. Changes in Temperature and Moisture Content of an Extensive-type Green Roof. Sustainability, 11(9), 2498. Baryła A., Karczmarczyk A., Bus A., Witkowska-Dobrev J. 2019. Surface temperature analysis of conventional roof and different use forms of the green roof. Scientific Review Engineering and Environmental Sciences, 86 ser., vol. 28, no 4, 632-640.
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)	National research project (co-leader): Testing the leachate from extensive green roofs in terms of the amount of water and phosphate content. Lead time: 25.07.2016-30.06.2018. Cooperation agreement 1/KKŚ/2016 between SGGW and Paweł Kożuchowski Laboratorium Dachów Zielonych. -National research project (co-leader): The role of green roofs in the adaptation of cities to climate change on the example of the Marecki Educational and Recreation Center. Lead time: from 17.06.2020. Cooperation agreement 15/830400/2020 between SGGW and Mareckie Inwestycje Miejskie Sp. z o.o.

Subject area of the research project for which the candidate student is being recruited	General research topics: The role of green roofs in the aspect of climate change. Determining the effectiveness of selected design solutions for green roofs in limiting the outflow of rainwater from urbanized areas
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