Candidate supervisor's information summary form

Name and surname, degree, title: **Izabela Burawska** Ph.D., D.Sc.	
Academic discipline/disciplines	Forestry
Professional development (degrees and titles) in chronological order	24.10.2023 habilitated doctor in the field of forestry in the discipline of wood science 16.12.2015 PhD in forestry in the wood science discipline
Most important publications/ patents in the last 3 years (maximum 10)	**1.** Borysiuk P., **Burawska I.**, Szymanowski K. [i in.], 2025: Strength Properties and Numerical Modeling of Cellular Panels with a Thermoplastic Shaped Core. Forests 16 (6),1-14. DOI:10.3390/f16061002 **2.** Burawska I., Borysiuk P., Budek M., 2025: Effect of Carbon Fiber Content on the Mechanical Performance of Particleboards. Forests 16 (12), 1-14. DOI:10.3390/f16121862 **3.** Depczyńska E., Burawska I., 2025: Overview and Evaluation of Chemicals and Methods for Flame Retardancy in Glued Laminated Wood Systems. Polymers 17 (11), 1-17. DOI:10.3390/polym17111459 **4.** Niedbała M., Burawska I., 2025: Identification of Key Educational Needs in Academic Training in Wood Technology and Furniture Design: Results of a Survey Study. Annals of WULS 130, 26-35. DOI:10.5604/01.3001.0055.4651 **5.** Grześkiewicz M., Krzosek S., **Burawska I.** i in., 2023: Influence of Thermo-Mechanical Densification (TMD) on the Properties of Structural Sawn Timber (*Pinus sylvestris* L.). Forests 14(2). DOI:10.3390/f14020231 **6.** Beer P., Pacek P., **Burawska-Kupniewska I.,** 2022: Influence of the Thickness of Scots Pine (*Pinus sylvestris* L.) Veneers on Selected Properties of Flooring Materials. Forests 13(2). DOI:10.3390/f13020175 **7.** Wilk K., **Burawska I.,** 2022: Biobased building materials – directions and development prospects. Annals of WULS 119. DOI:10.5604/01.3001.0016.1813 **8.** Krzosek S., **Burawska I.,** Mańkowski P. 2022: Comparison results of visual and machine strength grading of Scots pine sawn timber from the Greater Poland-Pomerania Forestry Region in Poland. Annals of WULS 119. DOI:10.5604/01.3001.0016.1632

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)	**1.** SIBILA - Innovative Training Programme towards the Integration of Competitive Intelligence and Technology Watch Practices and Methods in SMEs from Manufacturing Sectors, 2022-2024, Erasmus+ **2.** Improving process and material efficiency in the sawmill industry, 2018-2022, National Centre for Research and Development
Subject area of the research project for which the candidate student is being recruited	**1.** New wood composites for use in construction and furniture **2.** Repair engineering in timber structures context **3.** Decarbonization and resource efficiency strategies in the design and production of building structures and furniture
<u>Contact details:</u> Institute E-mail address Telephone number	Institute of Wood Sciences and Furniture (Warsaw University of Life Sciences) email: izabela_burawska@sggw.edu.pl +48 22 593 85 41