

## Candidate supervisor's information summary form

Name and surname, degree, title: <b>D.Sc. Agnieszka Laskowska, associate professor</b>	
Academic discipline/disciplines	Forestry
Professional development (degrees and titles) in chronological order	2008 - Master engineer of wood technology 2013 - Doctor of forest sciences in field of wood technology 2019 - Doctor (habilitation) of agricultural sciences in field of forest sciences, specialty wood technology 2024 - Associate profesor
Most important publications/ patents in the last 3 years (maximum 10)	<ul style="list-style-type: none"> <li>▪ Mańkowski P., Karwat Z., <b>Laskowska A.</b> 2025: Assessment of the Modulus of Rupture and Modulus of Elasticity in Static Bending of Yellow Pine Earlywood and Latewood. <i>Forests</i> 16: 265</li> <li>▪ <b>Laskowska A.</b> 2024: Characteristics of the Pressing Process and Density Profile of MUPF-Bonded Particleboards Produced from Waste Plywood. <i>Materials</i> 17 (4): 850</li> <li>▪ Bytner O., Drożdżek M., <b>Laskowska A.</b>, Zawadzki J. 2022: Influence of Thermal Modification in Nitrogen Atmosphere on the Selected Mechanical Properties of Black Poplar Wood (<i>Populus nigra</i> L.), <i>Materials</i> 15: 7949</li> <li>▪ Bytner O., Drożdżek M., <b>Laskowska A.</b>, Zawadzki J. 2022: Temperature, Time, and Interactions between Them in Relation to Colour Parameters of Black Poplar (<i>Populus nigra</i> L.) Thermally Modified in Nitrogen Atmosphere, <i>Materials</i> 15: 824</li> </ul>
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	Name and surname of the doctoral student: Aneta Skreęta Doctoral programmes opened, title of the doctoral dissertation: "Variability of anatomical features and chemical composition of Scots pine ( <i>Pinus sylvestris</i> L.) wood of different origins from the experimental plot in Rogów"
Achievements in the area of projects/grants (in the last 5 years)	<ul style="list-style-type: none"> <li>▪ "The role of the chemical composition and anatomical structure of wood from temperate and tropical zones in shaping the properties of the surface covered with vegetable oils" - a single research activity in MINIATURA 7 call, financed by National Science Centre (2023-2024), Manager.</li> <li>▪ DENDRO-SPEC "Spectroscopic methods for rapid phenotyping of trees reflecting their ecological resilience" - research project in OPUS 22 – LAP/WEAVE call, financed by National Science Centre (2023-2025), Performer.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ CROPTECH "Intelligent systems for breeding and cultivation of wheat, maize and poplar for optimized biomass production, biofuels and modified wood" - research project in programme Biostrateg II financed by National Centre of Research and Development (2016-2019), Performer.</li> </ul>
Subject area of the research project for which the candidate student is being recruited	<ul style="list-style-type: none"> <li>▪ study of the relationship between the anatomical structure and physical, mechanical properties of wood</li> <li>▪ study of the influence of material and technological factors on the properties of densified wood</li> <li>▪ properties of wood treated with vegetable oils</li> </ul>
<u>Contact details:</u> Institute E-mail address Telephone number	Institute of Wood Sciences and Furniture Warsaw University of Life Sciences - SGGW 159 Nowoursynowska St., Warsaw 02-787, Poland Building no 34, room 2/34 agnieszka_laskowska@sggw.edu.pl tel. +48 22 59 386 61