

Candidate supervisor's information summary form

Name and surname, degree, title: D.Sc. Paweł Kozakiewicz, associate professor	
Discipline/ disciplines of science	Forestry
Professional development (degrees and titles) in chronological order	<p>Master engineer of wood technology (1997)</p> <p>Doctor of forest sciences in field of wood technology (2002)</p> <p>Doctor (habilitation) of forest sciences in field of wood technology (2011)</p>
Most important publications/patens over the last 3 years (maximum 10)	<p>Bytner O., Laskowska A., Drożdżek M., Kozakiewicz P., Zawadzki J., 2021: Evaluation of the Dimensional Stability of Black Poplar Wood Modified Thermally in Nitrogen Atmosphere. <i>Materials</i> 14, 1491, DOI:10.3390/ma14061491</p> <p>Trzeciński Ł., Tymendorf Ł., Kozakiewicz P., 2021: Parameters of Trucks and Loads in the Transport of Scots Pine Wood Biomass Depending on the Season and Moisture Content of the Load. <i>Forests</i> 12, 223 DOI: 10.3390/f120200223</p> <p>Koczan G., Karwat Z., Kozakiewicz P., 2021: An attempt to unify the Brinell, Janka and Monnin hardness of wood on the basis of Meyer law. <i>Journal of Wood Science</i> 67, 7 (2021). https://doi.org/10.1186/s10086-020-01938-4</p> <p>Kozakiewicz P., Trzeciński G., 2020: Wood in the Construction of Forest Roads on Poor-bearing Road Subgrades. <i>Forests</i> 2020, 11(2), 138; https://doi.org/10.3390/f11020138</p> <p>Kozakiewicz P., Drożdżek M., Laskowska A., Grześkiewicz M., Bytner O., Radomski A., Krajewski K., Mróz A., Zawadzki J. 2020: Chemical composition as factor affecting the mechanical properties of thermally modified black poplar (<i>Populus nigra</i> L.) <i>BioResources</i> 15 (2), 3915-3929</p> <p>Borysiuk P., Kozakiewicz P., Krzosek S., 2019: Drzewne materiały konstrukcyjne. Wydawnictwo SGGW. Warszawa.</p> <p>Borysiuk P., Burawska-Kupniewska I., Auriga R., Kowaluk G., Kozakiewicz P., Zbieć M., 2019: Influence of layered structure of composite timber floor boards on their hardness. <i>Drvna industrija</i>, 70 (4), 399-406</p> <p>Kozakiewicz P., Drożdżek M., Laskowska A., Grześkiewicz M., Bytner O., Radomski A., Zawadzki J., 2019: Effects of Thermal Modification on the Selected Physical Properties of Sapwood and Heartwood of Black Poplar (<i>Populus nigra</i> L.) <i>BioResources</i> 14 (4), 8391-8404</p>
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	<p>Defended doctoral dissertations</p> <p>1) 16.10.2012 - The influence of the artificial aging on the selected properties of exotic wood - Agnieszka Jankowska</p> <p>2) 14.04.2015 - The influence of cradle on the deformation of panel painting and condition of paint layer - Aleksandra Trochimowicz</p> <p>3) 24.09.2019 - Dimensional stability of woodem floors on mineral base with heating (2019) - Valerjan Romanovski</p>

	<p>4) 19.01.2021 - Investigation of nonlinear strengths models for bending of wood – Grzegorz Koczan</p> <p>Doctoral programmes opened</p> <p>1) 26.06.2018 -</p> <p>2) 04.09.2019 - Influence of genetic origin on selected properties of spruce wood from the experimental area in Głuchów</p> <p>3) 04.09.2019 - Influence of material and construction solutions and microclimate factors on condition of the wooden post-camp buildings of the State Museum at Majdanek</p>
Project/grants achievements (from the last 10 years)	<p>1) Relics of the medieval wooden structure of the buildings of the castle hill in Lublin - interdisciplinary research and conservation for 2019-2020 (2198/19/FPK/NID) as part of cooperation with the Lublin Museum in Lublin.</p> <p>2) CROPTech „Intelligent systems for breeding and cultivation of wheat, maize and poplar for optimized biomass production, biofuels and modified wood” - research project in programme Biostrateg2 financed by National Centre of Research and Development (2016-2019).</p> <p>3) EFFRaWood „Enhancement of utilization affectivity of raw material in production processes in industry”- research project in program Biostrateg2 financed by National Centre of Research and Development (2016-2018).</p> <p>4) The substantial culture of Puck in the late Middle Ages. The archaeological portrait of the small town in the southern coast of Baltic Sea - research project in group Sonata 5/HS3 (2014-2016) as part of cooperation with the Institute of Archeology of Warsaw University</p> <p>5) The changes in anatomy and properties of Scots Pine (<i>Pinus sylvestris</i> L.) on post agrarian lands as reaction on environment stress - project no. N N309 108640 (2011÷2015)</p>
Topic – research problem – for which the candidate supervisor seeks a doctoral student	Influence of the conditions of various tree species and their genetic origin on the anatomical structure and properties of wood (selected physical and mechanical properties of wood).
<p><u>Contact details:</u></p> <p>Faulty/Institute</p> <p>E-mail address</p> <p>Tel.</p>	<p>Institute of Wood Sciences and Furniture</p> <p>Warsaw University of Life Sciences - SGGW</p> <p>room no. 2/62, building no. 34</p> <p>159 Nowoursynowska St., Warsaw 02-787, Poland</p> <p>e-mail: pawel_kozakiewicz@sggw.edu.pl</p> <p>Phone: +48 22 59 386 47</p>