

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>Różańska A., Korociński W., Kozakiewicz P., 2023: Holistic methods of assessing the historical wooden structure on the example of the floor of the Polish manor house in Tarnowiec. <i>Sustainability</i>, 2023, vol. 15, nr 14, s.1-18, Numer artykułu:11343. DOI:10.3390/su151411343</p> <p>Kozakiewicz P., Laskowska A., Drożdżek M., Zwadzki J., 2022: Influence of thermal modification in nitrogen atmosphere on selected physical and technological properties of wood of European species with different structural features. <i>Coatings</i> 2022, 12, 1663. https://doi.org/10.3390/coatings12111663</p> <p>Karwat Z., Koczan G., Rębkowski B., Kozakiewicz P., 2022: Comparison beech wood tension strength parallel to grain of cylindrical samples with conical and funnel tapering versus standard rectangular cross section samples. <i>Drewno</i> 2022, Vol. 65, No 209: DOI:10.12841/wood.1644-3985.403.11</p> <p>Kozakiewicz P., Tymendorf Ł., Trzciński G., 2021: Importance of the moisture content of large-sized Scots pine roundwood (<i>Pinus sylvestris</i> L.) in its road. <i>Forests</i> 2021, 12 (7), 879; https://doi.org/10.3390/f12070879</p> <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>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>Konofalska E., Kozakiewicz P., Buraczyk W., Szeligowski H., Lachowicz H., 2021: The technical quality of wood of Scots pine (<i>Pinus sylvestris</i> L.) of diverse genetic origin. <i>Forests</i> 2021, 12(5), 619; https://doi.org/10.3390/f12050619</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>Kozakiewicz P., Jankowska A., Mamiński M., Marciszewska K., Ciurzycki W., Tulik M., 2020: The wood of Scots Pine (<i>Pinus sylvestris</i> L.) from Post-Agricultural Lands has Suitable Properties for the Timber Industry. <i>Forests</i> 2020,11, 1033: doi:10.3390/f11101033</p>

<p>Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order</p>	<p>Defended doctoral dissertations</p> <ol style="list-style-type: none"> 1) 16.10.2012 - The influence of the artificial aging on the selected properties of exotic wood - Agnieszka Jankowska 2) 14.04.2015 - The influence of cradle on the deformation of panel painting and condition of paint layer - Aleksandra Trochimowicz 3) 24.09.2019 - Dimensional stability of woodem floors on mineral base with heating (2019) - Valerjan Romanovski 4) 19.01.2021 - Investigation of nonlinear strengths models for bending of wood – Grzegorz Koczan 5) 07.11.2023- Influence of genetic origin on selected properties of spruce wood from the experimental area in Głuchów – Patrycja Zatoń 6) 14.11.2023 - Influence of material and construction solutions and microclimate factors on condition of the wooden post-camp buildings of the State Museum at Majdanek – Wojciech Koryciński <p>Doctoral programmes opened:</p> <ol style="list-style-type: none"> 1) 01.10.2022 - The technical quality of wood silver fir (Abies alba Mill.) of diverse origin in Rogów forest district – Muhamand Efsal Hadinata
<p>Project/grants achievements (from the last 10 years)</p>	<ol style="list-style-type: none"> 1) Project manager "Dendro-Spec" OPUS 22 - LAP/WEAVE, Spectroscopic Methods for Rapid Phenotyping of Trees Reflecting their Ecological Resilience financed by the National Science Center (2022-2025) 2) 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. 3) 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). 4) 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>Topic – research problem – for which the candidate supervisor seeks a doctoral student</p>	<p>Influence of the conditions of various tree species and their origin on the anatomical structure and properties of wood (selected physical and mechanical properties of wood).</p>
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