

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	Master engineer of wood technology (1997) Doctor of forest sciences in field of wood technology (2002) Doctor (habilitation) of forest sciences in field of wood technology (2011)
Most important publications/patens over the last 3 years (maximum 10)	<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>Trzciński 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>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., Trzciński 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>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>Borysiuk P., Kozakiewicz P., Krzosek S., 2019: Drzewne materiały konstrukcyjne. Wydawnictwo SGGW. Warszawa.</p>
Experience in work with doctoral students (defended doctoral dissertations, doctoral	Defended doctoral dissertations 1) 16.10.2012 - The influence of the artificial aging on the selected properties of exotic wood - Agnieszka Jankowska

programmes opened) in chronological order	<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) 04.09.2019 - Influence of genetic origin on selected properties of spruce wood from the experimental area in Głuchów</p> <p>2) 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 origin on the anatomical structure and properties of wood (selected physical and mechanical properties of wood).
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