Summary Specification of Scientific Accomplishments of a Thesis Supervisor Candidate
maximum 2 pages - it should be a synthesis of the most important elements of accomplishments

Name and surname, degree, scientific title: Bronisz Karol, dr hab.	
Scientific discipline/s	Forest sciences
Professional development (scientific degrees and titles) chronologically	2005 – Master of forestry 2013 - Doctor of forest sciences 2021 – Doctor habilitated in forest sciences
Most important publications/patents from the last 3 years (max. 10)	Bronisz K. 2019. Modelowanie cech drzew i drzewostanów z wykorzystaniem modeli efektów mieszanych. Sylwan 163 (7):564-575. https://doi.org/10.26202/sylwan.2019007 Bronisz K., Mehtätalo L. 2020. Mixed-effects generalized height-diameter model for young silver birch stands on post-agricultural lands. Forest Ecology and Management 460. https://doi.org/10.1016/j.foreco.2020.117901 Bronisz K., Mehtätalo L. 2020. Seemingly Unrelated Mixed-Effects Biomass Models for Young Silver Birch Stands on Post-Agricultural Lands. Forests 11(4) 381. https://doi.org/10.3390/f11040381 Bronisz K., Zasada M. 2020. Comparison of Fixed- and Mixed-effects Approaches to Taper Modeling for Scots Pine in West Poland. Forests 10(11) 975. https://doi.org/10.3390/f10110975 Bronisz K., Zasada M. 2020. Taper models for black locust in west Poland. Silva Fennica 54 (5). https://doi.org/10.14214/sf.10351 Socha J., Tymińska-Czabańska L., Bronisz K., Zięba S., Hawryło P. Regional height growth models for Scots pine in Poland. Acientific Reports 11. https://doi.org/10.1038/s41598-021-89826-9
Experience in work with PhD students (defended dissertations, initiated dissertation procedures), chronologically	

Project/grant accomplishments (from the last 10 years)	2016 – 2020 Techniques and Technologies for Effective Wood Procurement (TECH4EFFECT). The project is financed under the Horizon 2020. 2018 Characteristics of the crown and radial growth of silver fir (Abies alba Mill.) in relation to changes in climatic conditions. Project financed by the National Science Center (Miniatura). 2014 – 2018 REMBIOFOR project: Remote sensing determination of wood biomass and carbon stocks in forests, co-financed by the National Center for Research and Development, under the program "Natural environment, agriculture and forestry" BIOSTRATEG. 2012-2016 FORest management strategies to enhance the MITigation potential of European forests (FORMIT). Project financed under the 7th Framework Program of the European Union. 2010-2013 Ecological consequences of secondary succession of silver birch (Betula pendula Roth.) on former agricultural lands. Research project financed by the Ministry of Science and Higher Education, N N305 400238.
Theme scope - research problem - for the solving of which the PhD student is sought	Growth & Yield modelling Evaluation and modelling of biomass and carbon content Forest measurements Forest productivity
<u>Contact details:</u> Institute E-mail address Telephone	 Institute of Forest Sciences Karol_bronisz@sggw.edu.pl +48 5938086