Candidate supervisor's information summary form
maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: prof. dr Michał Zasada, PhD, DSc	
Discipline/ disciplines of science	Forest sciences
Professional development (degrees and titles) in chronological order	June 1993: MSc & Engineer in forestry. Faculty of Forestry, SGGW, Warsaw, Poland October 1998: PhD in forestry. Faculty of Forestry, SGGW, Warsaw, Poland. Specialty: forest mensuration and forest productivity March 2008: „Doktor habilitowany" (habilitation, post-graduate degree, доктор наук) in forest sciences. Faculty of Forestry, SGGW, Warsaw, Poland. Specialty: forest management February 2014: Professor of forest sciences; title granted by the President of the Republic of Poland
Most important publications/patens over the last 3 years (maximum 10)	Cieszewski C.J., Zasada M., Lowe R.C., Liu S. 2021. Estimating Biomass and Carbon Storage by Georgia Forest Types and Species Groups Using the FIA Data Diameters, Basal Areas, Site Indices, and Total Heights. Forests 12, 141. https://doi.org/10.3390/f12020141 Bronisz K., Bijak S., Wojtan R., Tomusiak R., Bronisz A., Baran P., Zasada M. 2021. Seemingly Unrelated Mixed-Effects Biomass Models for Black Locust in West Poland. Forests 12, 380. https://doi.org/10.3390/f12030380 Bronisz K., Zasada M. 2020. Taper models for black locust in west Poland. Silva Fennica vol. 54 no. 4 article id 10351. 18 p. doi:10.14214/sf.10351 Bałazy R., Ciesielski M., Waraksa P., Zasada M., Zawiła-Niedźwiecki T. 2019. Deforestation processes in the Polish Mountains in the context of terrain topography. Forests 10, 1027; doi:10.3390/f10111027 Bałazy R., Zasada M., Ciesielski M., Waraksa P., Zawiła-Niedźwiecki T. 2019. Forest dieback processes in the Central European mountains in the context of terrain topography and selected stand attributes. Forest Ecology and Management 435: 106-119. Hycza T., Ciesielski M., Zasada M., Bałazy R. 2019. Application of Black-Bridge Satellite Imagery for the Spatial Distribution of Salvage Cutting in Stands Damaged by Wind. Croatian Journal of Forest Engineering 40(1): 125-138.

	Bronisz K., Gruchała A., Zasada M. 2019. Modelowanie grubości kory wzdłuż pnia za pomocą modeli zbieżystości (Modeling bark thickness along stem using taper model). Sylwan 163(6): 469-478. Bronisz K. Zasada M. 2019. Comparison of Fixed-and Mixed-effects Approaches to Taper Modeling for Scots Pine in West Poland. Forests 10(975), doi:10.3390/f10110975 Gawęda T., Błońska E., Małek S., Bijak Sz., Zasada M. 2018. Zastosowanie ITGL w ocenie gleb porolnych z naturalnym odnowieniem brzozy. Sylwan 162(5): 396−402.
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	Bijak Szymon: Influence of habitat conditions on radial increment of Norway spruce (*Picea abies* (L.)) in north-eastern Poland and the Baltic states, Faculty of Forestry, Defense Date: 14-06-2011 Magnuszewski Michał: Dendroecological characteristic of Schrenk spruce (*Picea schrenkiana*) in the Tien-Shan mountains in Kyrgyzstan, Faculty of Forestry, Defense Date: 13-05-2014 Sagan Jacek: History, state and perspectives of Douglas fir (*Pseudotsuga menziesii* (Mirb.) Franco) silviculture in Poland, Faculty of Forestry, Defense Date: 16-12-2014 Panka Stefan: State and perspectives of the western red cedar (*Thuja plicata* ex D. Don) introduction in the eastern part of Germany, Faculty of Forestry, Defense Date: 08-03-2016
Project/grants achievements (from the last 10 years)	2017-2019 Dendrometric repository, modelling log bark thickness and equations to calculate volume of logs and stack wood. Financed by Polish General Directorate of State Forests 2016-2020 Knowledge and Technologies for Effective Wood Procurement (TECH4EFFECT). Horizon2020 BBI (partner). Financed by Horizon 2020. http://www.tech4effect.eu 2015-2018 Remote sensing based assessment of woody biomass and carbon storage in forests (REMBIOFOR). The National Centre for Research and Development (NCBIR), BIOSTRATEG I- Environment, agriculture and forestry (Partner) http://rembiofor.pl 2013-2017 Ecological and economic consequences of the presence of selected alien tree species in Poland. Financed by Polish General Directorate of State Forests 2012-2016 FORest management strategies to enhance the MITigation potential of European forests (FORMIT). Financed by EU 7FP. http://eu-formit.eu

	2010-2012 Application of the terrestrial laser scanning for measuring of selected characteristics of forest ecosystems. Financed by Polish Ministry of Science and Higher Education. 2010-2012 Ecological consequences of birch secondary succession on former agricultural lands. Financed by Polish Ministry of Science and Higher Education.
Topic – research problem – for which the candidate supervisor seeks a doctoral student	Growth and yield modelling, biomass modelling, forest inventory, impact of biotic, abiotic and anthropogenic factors and their changes on growth, increment, health status and distribution of various forest tree species, decision support systems in forestry
Contact details: Faulty/Institute E-mail address Tel.	Warsaw University of Life Sciences - SGGW Institute of Forest Sciences Department of Forest Management Planning, Dendrometry and Forest Economics Chair of Dendrometry and Forest Productivity Nowoursynowska 159 02-776 Warsaw, Poland Email: michal_zasada@sggw.edu.pl Tel. +48 22 59-38081; +48 22 59-32400