

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

Name and surname, degree, title: Michał Brach, PhD	
Academic discipline/disciplines	Forest Sciences
Professional development (degrees and titles) in chronological order	<ol style="list-style-type: none"> 1. Master engineer in forestry, Forestry Faculty, Warsaw University of Life Sciences, 1998 2. Doctor of forestry sciences in the field of forestry, Forestry Faculty, Warsaw University of Life Sciences, 2008 3. Habilitated doctor in the field of agricultural sciences and forest sciences, Forestry Faculty, Warsaw University of Life Sciences, 2019
Most important publications/ patents in the last 3 years (maximum 10)	<ol style="list-style-type: none"> 1. A Small-Scale Investigation into the Viability of Detecting Canopy Damage Caused by Acantholyda posticalis Disturbance Using High-Resolution Satellite Imagery in a Managed Pinus sylvestris Stand in Central Poland Seymour Jackson, Brach Michał, Sławski Marek, Forests, 2025, nr 16(3), s.1-21, Numer artykułu:472. Przejdź do dokumentu po identyfikatorze cyfrowym DOI:10.3390/f16030472 2. Feasibility of Low-Cost LiDAR Scanner Implementation in Forest Sampling Techniques Brach Michał, Tracz Wiktor, Krok Grzegorz [i in.], Forests, 2023, vol. 14, nr 4, s.1-16, Numer artykułu:706. Przejdź do dokumentu po identyfikatorze cyfrowym DOI:10.3390/f14040706 3. Rapid Static Positioning Using a Four System GNSS Receivers in the Forest Environment Brach Michał, Forests, 2022, vol. 13, nr 1, s.1-11, Numer artykułu:45. Przejdź do dokumentu po identyfikatorze cyfrowym DOI:10.3390/f13010045
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	<p>Auxiliary promoter of PhD thesis Addo Koratenga entitled: "Assessment of forest cover and land use change in Ghana as a part of monitoring system in REDD mechanism" defended in 2015.</p> <p>Promoter of PhD thesis Piotr Młynarczyk entitled: "Cadastral changes in the State Forests National Forest Holding from 1996 to 2009"</p>
Achievements in the area of projects/grants (in the last 5 years)	-

Subject area of the research project for which the candidate student is being recruited	<ol style="list-style-type: none"> 1. Monitoring forest changes by unmanned aerial platforms with the use of various types of remote sensing sensors. 2. Variability of multipath effect of GNSS satellite signals in a forest environment. 3. Methods of areas management which are in direct border contact with valuable nature areas as a tool to reduce anthropopressure.
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