

Candidate supervisor's information summary form

maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: dr hab. Beata Fornal-Pieniak	
Discipline/ disciplines of science	agriculture and horticulture
Professional development (degrees and titles) in chronological order	2019 - habilitation, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences, 2007 - a doctoral degree in agricultural sciences, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences, 2003 - postgraduate studies in pedagogical preparation - Pedagogical Preparation Study (SGGW) 2003 - the title of Master of Science in
Most important publications/patens over the last 3 years (maximum 10)	<p>Fornal-Pieniak B., Łowicki D., Schwerk A., Li J.: Where is the forest core area? Gradients of flora in the ecotone of urban forests in Warsaw. <i>Landscape and Urban Planning</i> Volume 224, August 2022, 104427. https://doi.org/10.1016/j.landurbplan.2022.104427 (IF 6,142)</p> <p>Fornal-Pieniak Beata, Żarska Barbara: Evaluation of landscape natural values in tourism, with special regard to vegetation – case study: Otwock commune, central Poland, <i>Polish Journal of Environmental Studies, Institute of Scientific Information in Philadelphia</i>, vol. 31, nr 1, 2022, s. 665-680, DOI:10.15244/pjoes/140289, IF(1,383).</p> <p>Popek Robert, Fornal-Pieniak Beata, Chyliński Filip, Pawełkiewicz Magdalena, Bobrowicz Jan, Chrzanowska Dominika, Piechota Natalia, Przybysz Arkadiusz: Not Only Trees Matter—Traffic-Related PM Accumulation by Vegetation of Urban Forests, <i>Sustainability, MDPI</i>, vol. 14, nr 5, 2022, s. 1-18, DOI:10.3390/su14052973, IF(3,251)</p> <p>Fornal-Pieniak Beata, Ollik Marcin, Schwerk Axel: Do adjacent forests affect the regeneration of oak-hornbeam and ancient forest plant species in manor parks in Poland?, <i>Forests</i>, vol. 12, nr 5, 2021, s. 1-13, DOI:10.3390/f12050538, IF(2,116)</p> <p>Fornal-Pieniak Beata, Żarska Barbara, Ollik Marcin: Effects of adjacent land use types on the composition of vascular flora in urban forest ecotones in the southern Poland, <i>Forests</i>, vol. 12, nr 11, 2021, s. 1-16, DOI:10.3390/f12111440, IF(2,116)</p> <p>Fornal-Pieniak Beata, Ollik Marcin, Schwerk Axel: Vascular flora of urban forests in a medium-sized city in Poland: comparison with nature reserves in the city's surrounding, <i>Landscape Research</i>, vol. 46, nr 2, 2021, s. 246-260, DOI:10.1080/01426397.2020.1850662, 70 IF(1,806)</p> <p>Mandziuk Agnieszka, Fornal-Pieniak Beata, Stangierska Dagmara, Parzych Stanisław, Widera Katarzyna: Social preferences of young adults regarding urban forest recreation management in Warsaw, Poland, <i>Forests</i>, vol. 12, nr 11, 2021, s. 1-18, DOI:10.3390/f12111524, IF(2,116)</p> <p>Mandziuk Agnieszka, Fornal-Pieniak Beata, Ollik Marcin: The willingness of inhabitants in medium-sized city and the city's surroundings settlements to pay for recreation in urban forests in Poland, <i>iForest-Biogeosciences and Forestry</i>, vol. 14, nr 5, 2021, s. 483-489, DOI:10.3832/ifer3758-014, IF(1,683)</p> <p>Fornal-Pieniak Beata, Ollik Marcin, Schwerk Axel: Impact of different levels of anthropogenic pressure on the plant species composition in woodland sites, <i>Urban Forestry and Urban Greening</i>, vol. 38, 2019, s. 295-304, DOI:10.1016/j.ufug.2019.01.013, IF(4,021)</p> <p>Fornal-Pieniak Beata: The influence of land development forms on the flora of rural parks and their role in the protection of biological diversity of the agricultural landscape in southern Poland (in Polish) 2019, Press. SGGW, ISBN 978-83-7583-840-4, p. 127</p>

<p>Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order</p>	<p>2019 - defended doctorate - Maciej Żołnierczuk, PhD thesis topic: "Shaping biodiversity of plant cover along express roads, and the expectations of users", Department of Environmental Protection, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences, supervisor: dr hab . Piotr Sikorski prof. SGGW, assistant supervisor: Beata Fornal-Pieniak</p>
<p>Project/grants achievements (from the last 10 years)</p>	<p>Influence of the environment on shaping the species composition of the undergrowth of rural parks. University grant for a young worker 2011/2012 No. 505-10-04090050 manager and contractor Fornal-Pieniak B.</p> <ul style="list-style-type: none"> - Assessment of the land cover structure of selected rural communes in the Sandomierz Basin, university grant for a young worker 2012/2013 No. 505-10-04090031 manager and contractor Fornal-Pieniak B. - Diversification of the undergrowth layer in park, field and broadleaved forests. University grant for a young worker 2013/2014 No. 505-10-040900-K00331-99, manager and contractor Fornal-Pieniak B. - 'Dezentrale Energiewirtschaft und Energieeffizienz' [Distributed energy and energy efficiency]. Project number 502-55-040900-K00457-99, Project manager: dr hab. Zbigniew Karaczun, prof. SGGW (on the Polish side), Mgr. Ing. Matthias Rehm (from the German side) Project coordinator: dr inż. Grażyna Obidoska. Contractors (from the Polish side): prof. Czesław Wysocki, dr hab. Barbara Żarska, dr inż. Beata Fornal-Pieniak, dr inż. Jolanta Stawicka, dr inż. Ewa Zaraś-Januszkiewicz, M.Sc. Dorota Królewska, eng. Grażyna Skalmierska, M.Sc. Maciej Żołnierczuk. Contractors on the German side: Dipl. Ing. Helene Maron, Dipl. Ing. Günter Schlagowski, Dipl. Ing. Michael Seiffert. Name of the financing institution: Embassy of the Federal Republic of Germany in Warsaw, ul. Jazdów 12, 00-467 Warsaw. Name of the program under which the project is financed: financing from the climate fund of the Ministry of Foreign Affairs of the Federal Republic of Germany in Berlin. Project start and end dates: August 22, 2013 - July 7, 2014 Participation in the international project "Biodiversity", main coordinator of the FoEE project in 2014, coordinator of the Polish side of PKE, contractor: Fornal-Pieniak B. - Diversity of indicator species of plants ("ancient species") in rural parks, new and old forests, university grant for a young worker 2014/2015 No. 505-10-040900-L00343-99, manager and contractor Fornal-Pieniak B. - POWER project: Success by nature - a comprehensive program to improve the quality of education process management and the quality of teaching at the Warsaw University of Life Sciences. " Project number: WND-POWR.03.05.00-00-Z033 / 17-01 NCBiR, implementation period : 2018-03-01 - 2022-02-28, 8 Departments at SGGW participate in this project, co-contractor Beata Fornal-Pieniak - Visegrad project V4 ID: 21910216: Smart plants in the workplace and their impact on work efficiency and stress reduction, implementation period: 2019-2020.
<p>Topic – research problem – for which the candidate supervisor seeks a doctoral student</p>	<p>diversity and transformation of vegetation in urban and agricultural landscapes, quality of life in the city, protection and shaping of the landscape, e.g. in terms of tourism, green infrastructure, ecosystem services, the impact of pollution on the elements of the living and inanimate environment, biodiversity, landscape assessment, reclamation of degraded areas, cultural landscape</p>
<p><u>Contact details:</u> Faculty/Institute E-mail address</p>	<p>Institute of Horticulture Sciences, Faculty of Horticulture e-mail: beata_fornal_pieniak@sggw.edu.pl tel. (022) 5932066, 510-050-020</p>

