

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

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| Name and surname, degree, title: | Maria Janicka PhD, DSc |
| Discipline/ disciplines of science | Agriculture and Horticulture |
| Professional development (degrees and titles) in chronological order | 1986 PhD in agricultural sciences 2012 DSc of agricultural sciences, in the field of agronomy, specialty in grassland science |
| Most important publications/patens over the last 3 years (maximum 10) | <p>Janicka M., Kutkowska A., Paderewski J. 2021. Diversity of segetal flora in <i>Salix viminalis</i> L. crops established on former arable and fallow lands in central Poland. <i>Agriculture</i>, 11(1), 25; doi:10.3390/agriculture11010025</p> <p>Janicka M., Kutkowska A., Paderewski J. 2020. Differentiation of vascular flora accompanying <i>Salix viminalis</i> L. crops depending on soil agricultural complex. <i>Global Ecology and Conservation</i> 23, e01068 https://doi.org/10.1016/j.gecco.2020.e01068</p> <p>Kutkowska A., Janicka M., Paderewski J. 2020. The characteristics of <i>Salix viminalis</i> L. crop flora established in soils with different phosphorus contents. <i>Soil Science Annual</i>, 2020, 71(3), 252–264.</p> <p>Janicka M., Pawluśkiewicz B. 2020. The increasing in the floristic diversity of the abandoned <i>Arrhenatherion elatioris</i> meadows by dicotyledonous species oversowing. <i>Journal of Ecological Engineering</i> 21(1), 168-179.</p> <p>Pawluśkiewicz B., Gnatowski T., Janicka M. 2020. The influence of soil contamination with diesel oil on germination dynamics and seedling development of selected species of the <i>Fabaceae</i> family. <i>Journal of Ecological Engineering</i> 21(1), 210-218.</p> <p>Pawluśkiewicz B., Janicka M., Piekut K. 2019. Effect of different introduction methods on plant species establishment success in wet grassland restoration. <i>Polish Journal of Environmental Studies</i>, 28, 3, 1857-1867.</p> <p>Janicka M., Pawluśkiewicz B., Małuszyńska E. 2019. The analysis of the traits determining the development of some plant species typical for the meadow habitats of the Natura 2000 network. <i>Scientific Review – Engineering and Environmental Sciences</i> 28(1), 82-94.</p> <p>Janicka M., Kutkowska A., Paderewski J. 2019. Diversity of vascular flora in <i>Salix viminalis</i> L. crops depending on the harvest cycle. <i>Rocznik Ochrona Środowiska</i> 21, 1175-1201.</p> |

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| | <p>Janicka M. 2017. The effectiveness of different overdrilling technologies of the dry meadows in central Poland. VIII International Scientific Agriculture Symposium „AGROSYM 2017”, 8, Jahorina, October 05-08, 2017, Bosnia and Herzegovina, Book of Proceedings, ed. in chief Dušan Kovačević, East Sarajevo, Faculty of Agriculture, (ISBN 978-99976-718-1-3), 402-409.</p> <p>Janicka M., Pawluśkiewicz B. 2017. Species restitution – a way to improve floristic diversity of meadow communities in „Skarpa Ursynowska” nature reserve (Poland). VIII International Scientific Agriculture Symposium „AGROSYM 2017”, 8, Jahorina, October 05-08, 2017, Bosnia and Herzegovina, Book of Proceedings, ed. in chief Dušan Kovačević, East Sarajevo, Faculty of Agriculture, (ISBN 978-99976-718-1-3), 1800-1807.</p> |
| Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order | Aneta Kutkowska, MSc - doctoral programme opened (2018), supervisor |
| Project/grants achievements (from the last 10 years) | 2018 – 2024 The Horizon 2020 SUPER-G project (Developing Sustainable PERmanent Grassland Farming Systems and Policies) founded by the European Community's Horizon 2020 Programme under Grant Agreement no. 774124, deputy manager of the WP2 Task "Biodiversity of permanent grasslands" |
| Topic – research problem – for which the candidate supervisor seeks a doctoral student | <ol style="list-style-type: none"> 1. Floristic diversity of semi-natural meadow communities located in Natura 2000 areas and in their immediate vicinity. 2. Threats, possibilities of maintaining and ecological restoration of floristically rich meadow communities. 3. Possibilities of improving the meadow sward depending on the degree of its degradation and habitat conditions with the use of the latest overdrilling technologies. <p>The proposed researches are aimed at determining the possibility of restoring floristically rich meadow communities and improving the methods of renovation of low-yielding permanent grasslands using the latest overdrilling technologies and biological characteristics of grass and legume species (cultivars).</p> |
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