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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | | Slobodanka Pajević | | | | | | | |
| **Title** | | | | | Full professor | | | | | | | |
| **Narrow scientific area** | | | | | Plant Physiology | | | | | | | |
| **Academic career** | | | **Year** | | **Institution** | | | **Narrow scientific field or art field** | | | | |
| Election to the title | | | 2007. | | University of Novi Sad Faculty of Sciences | | | Plant Physiology | | | | |
| PhD | | | 2007. | | University of Novi Sad Faculty of Sciences | | | Plant Physiology | | | | |
| Master diploma | | | 1991. | | University of Novi Sad Faculty of Sciences | | | Taxonomy/ Plant Physiology | | | | |
| Diploma | | | 1984 | | University of Novi Sad Faculty of Sciences | | | Taxonomy | | | | |
| **A list of dissertations-doctoral art projects in which the teacher is or was a mentor in the past 10 years** | | | | | | | | | | | | |
| No. | Title of the dissertation – doctoral art project | | | | | Name of the candidate | | | \*submitted | | \*\* defended | |
| 1. | Potential of willow clones (Salix spp.) in phytoextraction of heavy metals | | | | | Milan Borišev | | |  | | 2010 | |
| 2. | Physiological adaptation of beech (Fagus sylvatica L.), spruce (Picea abies (L.) Kartsen) and fir (Abies alba Mill) on seasonal variation of abiotic factors in four Serbian protected mountain habitats | | | | | Rita Horak | | |  | | 2015 | |
| 3. | Morpho-physiological parameters of miscantus (Miscanthus×giganteus Greef et Deu.) as an agro-energy crop on industrially degraded soil | | | | | Ana Đorđević | | | 2012 | |  | |
| \* Year in which the dissertation-doctoral art project was submitted (for dissertations-doctoral art projects in progress) \*\* The year in which the dissertation-doctoral art project was defended (only for dissertations-doctoral art projects from the previous period) | | | | | | | | | | | | |
| **Categorization of the publication of scientific papers in the field of the given study program according to the classification of the relevant Ministry of Education, Science and Technological Development and in accordance with the additional requirements of the standard for the given field (minimum 5 not more than 20)** | | | | | | | | | | | | |
| 1. | | **Slobodanka Pajević**, Milan Borišev, Nataša Nikolić, Danijela D. Arsenov, Saša Orlović and Milan Župunski (2016): Phytoextraction of Heavy Metals by Fast-Growing Trees: A Review. In: Phytoremediation: Managment of environmental contaminants (Abid Ali Ansari, Sarvajeet Singh Gill, Ritu Gill, Guy R. Lanza, Lee Newman, eds.). Springer International Publishing Switzerland, Vol. 3., p.p. 29-64. ISBN 978-3-319-40146-1; DOI 10.1007/978-3-319-40148-5. Chapter in International Monograph | | | | | | | | | | M13 |
| 2. | | Milan Borišev, **Slobodanka Pajević**, Nataša Nikolić, Andrej Pilipović, Danijela Arsenov, Milan Župunski (2018): Mine site restoration using sylvicultural approach. In: Bio-Geotechnologies for Mine Site rehabilitation, 1st edition (Prasad MNV, Favas PJC, Maiti SK, eds.). Elsevier, Amsterdam, Netherlands. ISBN: 978-0-12-812986-9. pp. 115-130. DOI 10.1016/B978-0-12-812986-9.00013-0. Chapter in International Monograph. | | | | | | | | | | М13 |
| 3. | | Milan Župunski, **Slobodanka Pajević**, Danijela Arsenov, Nataša Nikolić, Andrej Pilipović, Milan Borišev (2018): Insights and lessons learned from the long-term rehabilitation of AMLs - a plant based approach. In: Bio-Geotechnologies for Mine Site Rehabilitation, 1st edition (Prasad MNV, Favas PJC, Maiti SK, eds.). Elsevier, Amsterdam, Netherlands. ISBN: 978-0-12-812986-9. pp. 215-232. DOI 10.1016/B978-0-12-812986-9.00013-0. Chapter in International Monograph. | | | | | | | | | | М13 |
| 4. | | Borišev Milan, Borišev Ivana, Župunski Milan, Arsenov Danijela, **Pajević Slobodanka**, Ćurčić Živko, Vasin Jovica, Đorđević Aleksandar (2016): Drought Impact Is Alleviated in Sugar Beets (Beta vulgaris L.) byFoliar Application of Fullerenol Nanoparticles. PLoS One / Public Library of Science 11 (11), (ISSN: 1932-6203). | | | | | | | | | | М21 |
| 5. | | Horak, R., Župunski, M., **Pajević S.**, Borišev, M., Arsenov D., Nikolic, N., Orlović, S., (2019): Carbon assimilation in oak (Quercus spp.) populations under acute and chronic high-temperature stress. PHOTOSYNTHETICA 57 (3): 875-889. | | | | | | | | | | М22 |
| 6. | | Arsenov, D., Župunski, M., Borišev, M., Nikolić, N., Pilipović, A., Orlović, S, Kebert, M., **Pajević, S.** (2019): Citric acid as soil amendment in cadmium removal by Salix viminalis L., alterations on biometric attributes and photosynthesis. International Journal of Phytoremediation. | | | | | | | | | | M22 |
| 7. | | **Pajevic, S.**, Arsenov D., Nikolic, N., Borisev, M., Orcic, D., Zupunski, M., Mimica-Dukic, N. (2018): Heavy metal accumulation in vegetable species and health risk assessment in Serbia. Environmental Monitoring and Assessment 190, 8, p. | | | | | | | | | | М22 |
| 8. | | Nikolić, N., Zorić, L., Cvetković, I., **Pajević, S.**, Borišev, M., Orlović, S., Pilipović, A. (2017): Assessment of cadmium tolerance and phytoextraction ability in young Populus deltoides L. and Populus x euramericana plants through morpho-anatomical and physiological responses to growth in cadmium enriched soil. IForest-Biogeosciences and Forestry, vol. 10, 635-644. | | | | | | | | | | М22 |
| 9. | | Borišev, M., **Pajević, S.**, Nikolić, N., Orlović, S., Župunski, M., Pilipović, A., Kebert, M. (2016): Magnesium and iron deficiencies alter Cd accumulation in Salix viminalis L. International journal for phytoremediation 18 (2), 164-170.e13141. | | | | | | | | | | M22 |
| 10. | | Župunski, M., Borišev, M., Orlović, S., Arsenov, D., Nikolić, N., Pilipović, A., **Pajević, S.** (2016): Hydroponic screening of black locust families for heavy metal tolerance and accumulation. International Journal of Phytoremediation 18 (6), 583-591. | | | | | | | | | | М22 |
| 11. | | **Pajević S.,** Borišev, M., Nikolić, N., Luković J., Župunski M., Arsenov, D., Orlović, S. (2014): Phytoextraction of Elevated Heavy Metals in Soil by Using Fast Growing Trees (Salix sp. and Populus sp.). The International Bioscience Conference IBSC 29-30 September 2014., Phuket, Thailand. Proceedings, 13-18. (Предавање по позиву са међународног скупа) | | | | | | | | | | М31 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | | | | |
| Total number of citations, without self citations | | | | | | | 326 (September 2019) | | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | | | 40 (Scopus) | | | | | |
| Current participation in projects | | | | | | | Domestic: 3 | | | International: 1 | | |
| Specialization | | | | Spain, Complutense University Madrid, training  France, University of Nice-Sophia Antipolis (UNSA), training  Finland, University of Eastern Finland (UEF), teaching  Italy, University of Naples Federico II, Naples, teaching  Spain, University of Alcala (UAH), Alcala de Henares, Madrid, teaching/training  Thailand, Prince of Songkla University (PSU), Hat-Yai, teaching / visiting professor  Finland, University of Turku (UTU), teaching  France, Lille Catholic University, teaching | | | | | | | | |
| Other information you consider to be important | | | | | | |  | | | | | |