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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Full Name** | | | | | Milan Borišev | | | | | | | |
| **Academic Position** | | | | | Associate Professor | | | | | | | |
| **Scientific Discipline** | | | | | Plant Physiology | | | | | | | |
| **Academic Career** | | | | **Year** | **Institution** | | | | | **Field of Studies** | | |
| Appointed to current position | | | | 2016 | Faculty of Sciences, University of Novi Sad | | | | | Botany, Plant Physiology | | |
| PhD Degree | | | | 2010 | Faculty of Sciences, University of Novi Sad | | | | | Botany, Plant Physiology | | |
| Magisterium | | | | 2005 | Faculty of Sciences, University of Novi Sad | | | | | Botany, Plant Physiology | | |
| Bachelor Degree | | | | 2002 | Faculty of Sciences, University of Novi Sad | | | | | Botany | | |
| **Supervision in doctoral dissertations in last 10 years – The list of dissertations:** | | | | | | | | | | | | |
| No. | Dissertation Title | | | | | Candidate | | \*dissertation proposal accepted | | | \*\* dissertation defended | |
| 1 | Potential of black locust ((*Robinia pseudoacacia* L. 1753) in Cd, Ni and Pb phytoextraction | | | | | Milan Župunski | | 2014 | | | 2017 | |
| \*The year in which dissertation proposal was accepted (for current dissertations only), \*\*The year in which dissertation was defended | | | | | | | | | | | | |
| **Publications in journals related to the study programme – the journals included in the official list provided by the Ministry of Science complying with the additional standards required for the area of study (min. 5, not more than 20)** | | | | | | | | | | | | |
| 1 | | Slobodanka Pajević, **Milan Borišev**, Nataša Nikolić, Danijela D. Arsenov, Saša Orlović, Milan Župunski(2016): Phytoextraction of Heavy Metals by Fast-Growing Trees: A Review. In: Phytoremediation: Managment of environmental contaminants, vol. 3 (Abid Ali Ansari, Sarvajeet Singh Gill, Ritu Gill, Guy R. Lanza, Lee Newman, eds.). Springer International Publishing Switzerland, pp. 29-64. ISBN 978-3-319-40146-1. DOI 10.1007/978-3-319-40148-5 | | | | | | | | | | М13 |
| 2 | | Milan Župunski, Slobodanka Pajević, Danijela Arsenov, Nataša Nikolić, Andrej Pilipović, **Milan Borišev** (2018): Insights and lessons learned from the long-term rehabilitation of abandoned mine lands - 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 | | | | | | | | | | М13 |
| 3 | | **Milan Borišev**, Slobodanka Pajević, Nataša Nikolić, Andrej Pilipović, Danijela Arsenov, Milan Župunski (2018): Mine Site Restoration Using Silvicultural 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 | | | | | | | | | | М13 |
| 4 | | **Borišev M**, Borišev I, Župunski M, Arsenov D, Pajević S, Ćurčić Ž, Vasin J, Djordjevic A. (2016): Drought impact is alleviated in sugar beets (*Beta vulgaris* L.) by foliar application of fullerenol nanoparticles. PLOS ONE 11(11): e0166248, **ISSN**· 1932-6203, online, DOI:10.1371/journal.pone.0166248; IF 3,535 | | | | | | | | | | М21 |
| 5 | | Pajevic S, Arsenov D, Nikolić N, Borišev M, Orčić D, Župunski M, Mimica-Dukić N. (2018): Heavy metal accumulation in vegetable species and health risk assessment in Serbia. Environmental Monitoring and Assessment 190 (8): 459. | | | | | | | | | | М22 |
| 6 | | Arsenov D, Zupunski M, **Borisev M,** Nikolic N, Orlovic S, Pilipovic A, Pajevic S. (2017). Exogenously Applied Citric Acid Enhances Antioxidant Defense and Phytoextraction of Cadmium by Willows (Salix Spp.), Water Air Soil Pollut, 228:221. | | | | | | | | | | М22 |
| 7 | | 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 10: 635-644 | | | | | | | | | | М22 |
| 8 | | **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 of Phytoremediation, 18 (2): 164-170. DOI: 10.1080/15226514.2015.1073670 | | | | | | | | | | М22 |
| 9 | | 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. 18 (6): 583-591, DOI: 10.1080/15226514.2015.1086302 | | | | | | | | | | М22 |
| 10 | | Luković, J., Merkulov, Lj., Pajević, S., Zorić, L., Nikolić, N., **Borišev, M.,** Karanović, D. (2012): Quantitative assessment of effects of cadmium on the histological structure of poplar and willow leaves. Water Air and Soil Pollution 223: 2979-2993. ISSN 1573-2932 DOI 10.1007/s11270-012-1081-0 | | | | | | | | | | М22 |
| 11 | | Maksimović, I., Kastori, R., Putnik-Delić, M., **Borišev, M.** (2014): Effect of yttrium on photosynthesis and water relations in young maize plants. Journal of Rare Earths 32 (4): 371-378. DOI 10.1016/S1002-0721(14)60080-6 | | | | | | | | | | М22 |
| **Scientific Activities – Overall Data** | | | | | | | | | | | | |
| Total citations, excluding self-citations | | | | | | | 230 | | | | | |
| Total publications in SCI (SSCI) list journals | | | | | | | 27 | | | | | |
| Current projects | | | | | | | National 3 | | International 1 | | | |
| Specializations | | | 2009 – one month at University of Nice, France, 2011 – one month trainint at Freie Universita Berlin, Germany in the moleculat plant physiology lab; 2016 – one month at Centre for Organismal Studies, Heidelberg, Germany | | | | | | | | | |
| Other relevant data | | | FESPB member | | | | | | | | | |