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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Full Name** | | | | | Milan Borišev | | | | | |
| **Academic Position** | | | | | Associate Professor | | | | | |
| **Scientific Discipline** | | | | | Botany, Plant Physiology | | | | | |
| **Academic career** | | | | **Year** | **Institution** | | **Area** | | **Narrow scientific or art area** | |
| Appointed to current position | | | | 2016 | Faculty of Sciences, University of Novi Sad | | Biology | | Plant Physiology | |
| PhD degree | | | | 2010 | Faculty of Sciences, University of Novi Sad | | Biology | | Plant Physiology | |
| Magisterium degree | | | | 2005 | Faculty of Sciences, University of Novi Sad | | Biology | | Plant Physiology | |
| Bachelor degree | | | | 2002 | Faculty of Sciences, University of Novi Sad | | Biology | | Plant Physiology | |
| **List of Courses Taught** | | | | | | | | | | |
|  | | | | | | | | | | |
| No | | **Mark** | **Course Title** | | | | | | | |
| 1 | | DNB029 | Phytoremediation | | | | | | | |
| **Key Publications (min. 10, 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. ISSN 0167-6369 doi: 10.1007/s10661-018-6743-y | | | | | | | | | 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 | Horak R, Župunski M, Pajević S, **Borišev M,** Arsenov D, Nikolić N, Orlović S. (2019): Carbon assimilation in oak (*Quercus* spp.) populations under acute and chronic high-temperature stress. Photosynthetica, 57 (3): 875-889. **ISSN:** 1573-9058 DOI: 10.32615/ps.2019.090. | | | | | | | | | 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 |
| **Scientific and Professional Activities – Overall Data** | | | | | | | | | | |
| Total citations | | | | | | 232 | | | | |
| Total publications in SCI (SSCI) list journals | | | | | | 27 | | | | |
| Current projects | | | | | | National 3 | | International 1 | | |
| Specializations: number of reseafch training mobbiity visits to EU labs (Germany, Франце, Portugal, Finland etc.) | | | | | | | | | | |
| Other relevant data: member of FESPB (The Federation of European Societes of Plant Biology) | | | | | | | | | | |