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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | Nataša Nikolić | | | | | |
| **Title** | | | | Associate Professor | | | | | |
| **Narrow scientific area** | | | | Plant physiology | | | | | |
| **Academic career** | | | **Year** | **Institution** | | **Area** | **Narrow scientific area** | | |
| Election to the title | | | 2014 | University of Novi Sad, Faculty of Sciences | | Biology | Plant physiology | | |
| PhD | | | 2009 | University of Novi Sad | | Biology | Plant physiology | | |
| Master diploma | | | 2002 | University of Novi Sad | | Biology | Taxonomy | | |
| Diploma | | | 1996 | University of Novi Sad | | Biology | Biochemistry | | |
| **List of subjects the teacher is lecturing in doctoral studies** | | | | | | | | | |
| **No.** | | **Mark** | | **Subject name** | | | | | |
| 1. | | DNE001 | | Physiological Plant Ecology | | | | | |
| The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field **(minimum 10, not more than 20)** | | | | | | | | | |
| 1. | Borišev M, Pajević S, **Nikolić N**, Pilipović A, Arsenov D, Župunski M. (2018): Mine site restoration using sylvicultural approach In: Bio-Geotechnologies for Mine Site Rehabilitation (Prasad, M.N.V., Favas, P.J.C., Maiti, S.K. Eds.). pp. 115-131. Elsevier Publisher, ISBN: 978-0-12-812986-9. | | | | | | | | M13 |
| 2. | Župunski M, Pajević S, Arsenov D, **Nikolić N**, Pilipović A, Borišev M (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 (Prasad, M.N.V., Favas, P.J.C., Maiti, S.K. Eds.). pp. 215-233. Elsevier Publisher, ISBN: 978-0-12-812986-9. | | | | | | | | M13 |
| 3. | Pajević S, Borišev M, **Nikolić N**, Arsenov D, Orlović S, Župunski M (2016): Phytoextraction of Heavy Metals by Fast Growing Trees: A Review. In: Phytoremediation: Management of environmental contaminants, vol. 3 (Abid Ali Ansari, Sarvajeet Singh Gill, Ritu Gill, Guy R. Lanza, Lee Newman, eds.). Springer International Publishing Switzerland, ISBN 978-3-319-40146-1. | | | | | | | | M13 |
| 4. | Pilipović A, Zalesny Jr. RS, Rončević S, **Nikolić N**, Orlović S, Beljin J, Katanić M (2019): Growth, physiology, and phytoextraction potential of poplar and willow established in soils amended with heavy-metal contaminated, dredged river sediments. Journal of Environmental Management 239, 352–365. | | | | | | | | M21 |
| 5. | 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):459. | | | | | | | | M22 |
| 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 and Soil Pollution, 228:221 | | | | | | | | M22 |
| 7. | 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. | | | | | | | | M22 |
| 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, 10: 635-644. | | | | | | | | M22 |
| 9. | **Nikolić N**, Pilipović A, Drekić M, Kojić D, Poljaković-Pajnik L, Orlović S, Arsenov D (2019). Physiological responses of pedunculate oak (*Quercus robur* L.) to *Corythucha arcuata* (Say, 1832) attack. Archives of Biological Sciences, 71(1):167-176. | | | | | | | | M23 |
| 10. | Bojović M, **Nikolić N**, Borišev M, Pajević S, Župunski M, Horak R, Pilipović A, Orlović S Stojnić S (2017): The diurnal time course of leaf gas exchange parameters of pedunculate oak seedlings subjected to experimental drought conditions. Baltic Forestry 23(3): 584-594. | | | | | | | | M23 |
| 11. | **Nikolić N,** Borišev M, Pajević S, Župunski M, Topić M, Arsenov D (2014): Responses of wheat (*Triticum aestivum* L.) and maize (*Zea mays* L.) plants to cadmium toxicity in relation to magnesium nutrition. Acta Botanica Croatica 73(2): 359-373. DOI: 10.2478/botcro-2014-0014, ISSN 0365-0588. | | | | | | | | M23 |
| 12. | Pap P,Stojnić S, **Nikolić N**, Orlović S, Marković M, Vasić V, Stevanov M (2014): Impact of *Erysiphe alphitoides* (Griffon & Maubl.) U. Braun & S. Takam. on Leaf Physiological Parameters in Pedunculate Oak (*Quercus robur* L.) Saplings. Baltic Forestry 20(1): 2-9. ISSN 1392-1355. | | | | | | | | M23 |
| 13. | Horak R, Borišev M, Pilipović A, Orlović S, Pajević S, **Nikolić N** (2014): Drought impact on forest trees in four nature protected areas in Serbia. Šumarski list 5-6: 301-308. ISSN 1846-9140. | | | | | | | | M23 |
| 14. | **Nikolić N**, Borišev M, Pajević S, Arsenov D, Župunski M, Orlović S, Pilipović A (2015): Photosynthetic response and tolerance of three willow species to cadmium exposure in hydroponic culture. Archives of Biological Sciences 67(4): 1411-1420. DOI: 10.2298/ABS150421120N. | | | | | | | | M23 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | | |
| Total number of citations, without self citations | | | | | 196 (Scopus) | | | | |
| Total number of papers on the SCI (or SSCI) list | | | | | 24 | | | | |
| Current participation in projects | | | | | Domestic 3 | | | International | |