|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | Nataša Nikolić | | | | | | | |
| **Title** | | | Associate Professor | | | | | | | |
| **Narrow scientific area** | | | Plant physiology | | | | | | | |
| **Academic career** | | **Year** | **Institution** | | | **Narrow scientific field or art field** | | | | |
| Election to the title | | 2014 | University of Novi Sad, Faculty of Sciences | | | Plant physiology | | | | |
| PhD | | 2009 | University of Novi Sad | | | Plant physiology | | | | |
| Master diploma | | 2002 | University of Novi Sad | | | Taxonomy | | | | |
| Diploma | | 1996 | University of Novi Sad | | | Biochemistry | | | | |
| **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. | Physiological aspects of resistance of common oak (*Quercus robur* L.), the Turkey oak (*Quercus cerris* L.) and black poplar (*Populus nigra* L.) under conditions of water deficit | | | Mirjana Topić | | |  | | 2015 | |
| 2. | Physiological aspects of willow potential (*Salix* spp.) in assisted phytoremediation of cadmium using citric acid | | | Danijela Arsenov | | |  | | 2019 | |
| \* 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. | 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 | | |