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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name and family name** | | | | **Zorica Svirčev** | | | | |
| **Title** | | | | Full Professor | | | | |
| **Narrow scientific area** | | | | Hydrobiology | | | | |
| **Academic career** | | **Year** | | **Institution** | **Narrow scientific field or art field** | | | |
| Election to the title | | 2005 | | Faculty of Sciences, Novi Sad | Hydrobiology | | | |
| PhD | | 1992 | | Faculty of Sciences, Novi Sad | Microbiology | | | |
| Master degree | | 1988 | | Faculty of Sciences, Novi Sad | Microbiology | | | |
| Master diploma | | 1988 | | Faculty of Sciences, Novi Sad | Microbiology | | | |
| Diploma | | 1985 | | Faculty of Sciences, Novi Sad | Hydrobiology | | | |
| **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 | Ecophisiological properties of potentially toxic and toxic water cyanobacterial strains from Vojvodina region | | | | Jelica Simeunović |  | 2009 | |
| 2 | Ecology and bioindication potential of Cystoseira C. Agardh 1820 (Pheophyceae) genus in Monte Negro seaside | | | | Vesna Mačić |  | 2010 | |
| 3 | Cell lines as a model for the detection of cyanotoxins and pesticide metabolites in  water ecosystems | | | | Dragana Četojević Simin |  | 2009 | |
| 4 | Diversity of Cyanobacteria in Vojvodina soil, ultrastructure of isolated strains and PCR analyses of cyanobacterial STRR fragments | | | | Oliver Fojkar | 2008 |  | |
| 5 | Human exposure to cyanotoxins and their health effects | | | | Damjana Drobac |  | 2015 | |
| 6 | Toxic cyanobacteria at the teritory of Republic of Serbia | | | | Nada Tokodi | 2015 | 2016 | |
| 7 | The potential of cyanobacterial secondary metabolites as biomarkers in paleoclimate reconstruction | | | | Dijana Lalić | 2016 | 2017 | |
| 8 | Cyanobacterial biomolecules in palaeoenvironmental reconstruction of loess sediments | | | | Tamara Dulić | 2016 (Abo Academi) |  | |
| 9 | Total capacity decrease and hydrogen peroxide application in eutrophication management and cyanbacterial blooming control | | | | Tamara Važić | 2019 |  | |
| 10 | The importance and role of terestrial cyanobacteria in semi-arid regions | | | | Tamara Palanački- Malešević | 2018 |  | |
| 11 | Biotechnological potential of cyanobacteria in heavy metal removal from industrial waste waters | | | | Irena Suturović | 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 | Gantar M., **Svirčev Z.** (2008): Microalgae and Cyanobacteria: Food for Thought (Review). Journal of Phycology 44(2): 260-268. | | | | | | | M21 |
| 2 | [**Svirčev Z.,**](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Svircev%20Zorica%20B) [Četojević-Simin D.,](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Cetojevic-Simin%20Dragana) [Simeunović J.,](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Simeunovic%20Jelica%20B) [Karaman M.,](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Karaman%20Maja%20A) [Stojanović D.](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Stojanovic%20Dejan) (2008): Antibacterial, antifungal and cytotoxic activity of terrestrial cyanobacterial strains from Serbia. Science in China, Series C - Life sciences, 51(10): 941-947. | | | | | | | M23 |
| 3 | [**Svirčev, Z.**](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Svircev%20Zorica%20B), [Krstić, S.,](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Krstic%20Svetislav) [Miladinov-Mikov M.,](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Miladinov-Mikov%20Marica) [Baltić, V.,](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Baltic%20Vladimir) [Vidović, M.](http://nainfo.nb.rs/Kobson/service/MiUWoSDet.aspx?Auth=Vidovic%20Milka) (2009): Freshwater Cyanobacterial Blooms and Primary Liver Cancer Epidemiological Studies in Serbia (Review). Journal of Environmental Science and Health. Part C - Environmental Carcinogenesis & Ecotoxicology Reviews, 27(1): 36-55. | | | | | | | M21 |
| 4 | **Svirčev Z.,** Marković B.S., Vukadinov J., Stefan-Mikić S., Ružić M., Doder R., Fabri M., Čanak G., Turkulov V., Stojanović D., Draganić M. (2009): Leptospirosis distribution related to freshwater habitats in the Vojvodina region (Republic of Serbia). Science in China, Series C - Life sciences, 52 (10): 965-971. | | | | | | | М23 |
| 5 | Simeunović J., **Svirčev Z.**, Karaman M., Knežević P., Melar M. (2010) : Cyanobacterial blooms and first observation of microcystin occurrences in freshwater ecosystems in Vojvodina region (Serbia). Fresenius Environmental Bulletin, 19 (2):198-207. | | | | | | | M23 |
| 6 | **Svirčev Z.**, Baltić V., Gantar M., Juković M., Stojanović D., Baltić M. (2010): Molecular aspects of microcystin induced hepatotoxicity and hepatocarcinogenesis. Journal of Environmental Science and Health, Part C Environmental Carcinogenesis & Ecotoxicology Reviews, 28(1): 39 – 59. | | | | | | | M21 |
| 7 | Smalley I., Marković B.S., **Svirčev Z**. (2011): [Loess is [almost totally formed by] the accumulation of dust](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VGS-50J4MDW-4&_user=10&_coverDate=07%2F15%2F2010&_alid=1515546762&_rdoc=1&_fmt=high&_orig=search&_origin=search&_zone=rslt_list_item&_cdi=6046&_sort=d&_docanchor=&view=c&_ct=15&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=638c5f7d22796747551288ef787f57fb&searchtype=a).  Original Research Article, Quaternary International, 240: 4-11. | | | | | | | M22 |
| 8 | Pantelić D., **Svirčev Z**., Simeunović J, Vidović M., Trajković I. (2013): Cyanotoxins: Characteristics, Production and Degradation Routes in Drinking Water Treatment. Chemosphere Journal, 91(4): 421-441. | | | | | | | M21 |
| 9 | Simeunović J., Bešlin K., **Svirčev Z**., Kovač D., Babić O. (2013): Impact of nitrogen and drought on phycobiliprotein content in terrestrial cyanobacterial strains. Journal of Applied Phycology, 25(2): 597-607. | | | | | | | M21 |
| 10 | **Svirčev Z**., [Drobac D.,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Drobac%20Damjana) [Tokodi N.,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Tokodi%20Nada) [Vidović M.,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Vidovic%20Milka%20M) [Simeunović J., Miladinov-Mikov M.,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Simeunovic%20Jelica%20B) [Baltić V.](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Baltic%20Vladimir%20V) (2013): Epidemiology of Primary Liver Cancer in Serbia and Possible Connection with Cyanobacterial Blooms. Journal of environmental science and health part c - environmental carcinogenesis & ecotoxicology reviews, 31(3): 181-200. | | | | | | | M21 |
| 11 | **Svirčev** Z., Marković S.B., Stevens T., Codd A.G., Smalley I., Simeunović J., Obreht I., Dulić T., Pantelić D., Hambach U. (2013): Importance of Biological Loess Crusts for Loess Formation in Semi-Arid Environments. Quaternary International, 296: 206-215. | | | | | | | M22 |
| 12 | **Svirčev Z**., Simeunović J., Subakov-Simić G., Krstić S., Pantelić D., Dulić T. (2013): Cyanobacterial blooms and their toxicity in Vojvodina lakes, Serbia. International Journal of Environmental Research, 7(3): 745-758. | | | | | | | M23 |
| 13 | **Svirčev Z**., Drobac D., Tokodi N., Lužanin Z., Munjas AM., Nikolin B., Meriluoto J. (2014): Epidemiology of cancers in Serbia and possible connection with cyanobacterial blooms. J Environ Sci Heal C, 32(4): 319-337. | | | | | | | M21 |
| 14 | **Svirčev Z**., Krstić S., Važić T. (2014): The philosophy and applicability of ecoremediations for the protection of water ecosystems. Acta geographica Slovenica, 54-1:179-188. | | | | | | | M23 |
| 15 | **Svirčev Z**., Tokodi N., Drobac D., Codd GA. (2014): Cyanobacteria in aquatic ecosystems in Serbia: effects on water quality, human health and biodiversity. Systematics and Biodiversity, 12(3): 261-270. | | | | | | | M22 |
| 16 | **Svirčev Z**., Lujić J., Marinović Z., Drobac D., Tokodi N., Stojiljković B., Meriluoto J. (2015): Toxicopathology induced by microcystins and nodularin: A histopathological review. [J Environ Sci Health C Environ Carcinog Ecotoxicol Rev.](http://www.ncbi.nlm.nih.gov/pubmed/24024518) 33(2): 125-167. | | | | | | | M21 |
| 17 | Važić T., **Svirčev Z**., Dulić T., Krstić K., Obreht I. (2015): Potential for energy production from reed biomass in the Vojvodina region (North Serbia). Renewable and sustainable energy rewiews, 48: 670-680. | | | | | | | M21 |
| 18 | **Svirčev Z**., Nikolić B., Vukić V., Marković S., Gavrilov M., Ian S., Obreht I., Vukotić B., Meriluoto J. (2016): Loess and life out of Earth? Quaternary International, 399: 208–217. | | | | | | | M22 |
| 19 | **Svirčev Z**., Obradović V., Codd G.A., Marjanović P., Spoof L., Drobac D., Tokodi N., Petković A., Nenin T., Simeunović J., Važić T., Meriluoto J. (2016): Massive fish mortality and *Cylindrospermopsis raciborskii* bloom in Aleksandrovac Lake. Ecotoxicology, 25: 1353-1363. | | | | | | | M22 |
| 20 | Tokodi N., Drobac D., Meriluoto J., Lujić J., Marinović Z., Važić T., Nybom S., Simeunović J., Dulić T., Lazić G., Petrović T., Vuković-Gačić B., Sunjog K., Kolarević S., Kračun-Kolarević M., Subakov-Simić G., Miljanović B., Codd G.A., **Svirčev Z**. (2018): Cyanobacterial effects in Lake Ludoš, Serbia - is preservation of a degraded aquatic ecosystem justified? Sci. Total Environ. 635: 1047-1062. | | | | | | | M21 |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | |
| **Cumulative data of scientific activity of the teacher** | | | | | | | | |
| Total number of citations, without self citations | | | **894** | | | | | |
| Total number of papers on the SCI (or SSCI) list | | | **50** | | | | | |
| Current participation in projects | | | Domestic 2 | | | International 3 | | |
| Specialization | | | *1991, 1992:* British Council Fellowship (one year). Title of joint proposal: Nitrogen‑fixing cyanobacteria in temperate climates and their potential use as biofertilizers. University of Dundee, Dept. of Biol.Sci. Dundee, Scotland | | | | | |
| Other information you consider to be important | | | -DC member (ESSEM domain) in COST action (2008 - 2014);  -The member of Evaluation Committee for Assessment of Lithuanian universities and research centers;  -First World Bank award in Development Marketplace Global competition for the best idea in the field of Climate adaptation 2009 in Washington, USA;  -Head of Laboratory for paleoenvironmental reconstruction LAPER (since 2009);  - Review Panel expert in the COST Action Proposal Submission, Evaluation, Selection and Approval procedure (2015 - );  -Docent position in Microbiology, Faculty of Science and Engineering, Abo Akademi University Turku, Finland (2015- ). | | | | | |