

Sanja Mrazovac Kurilić

Professor

Faculty of Ecology and Environmental Protection
Union – Nikola Tesla University
Cara Dušana 62–64
Belgrade, Serbia

e-mail: smrazovac@unionnikolatesla.edu.rs



EDUCATION

2011.	PhD in Environmental Engineering University of Novi Sad Novi Sad, Serbia
2006.	MSc in Environmental Engineering University of Novi Sad Novi Sad, Serbia
2001.	BSc in Physics Faculty Science and Mathematics, University of Novi Sad Novi Sad, Serbia

EMPLOYMENT HISTORY

2020–present	Professor	Union – Nikola Tesla University Faculty of Ecology and Protection Belgrade, Serbia
--------------	------------------	--

2018–2020	Associate Professor	Union – Nikola Tesla University Faculty of Ecology and Protection Belgrade, Serbia
2013–2018	Assistant Professor	Union – Nikola Tesla University Faculty of Ecology and Protection Belgrade, Serbia

MEMBERSHIPS	
2013-	Serbian Society for Water Protection

RESEARCH PROJECTS	
2023–2024	Deep Tech in Material Sciences: Greening the Balkan HEIs Innovation and Entrepreneurial Potential: DeepGreenInno Horizon Europe EIT https://deepgreeninno.ba/
2023–2024	RisBriefcase Horizon Europe, EIT https://www.thebriefcasegame.eu/
2023-2024	Monitoring the impact of works on the construction site on air quality using IoT technologies, in the territory of Novi Sad. City Administration for Environmental Protection, Novi Sad

SELECTED PUBLICATIONS	
Lukić, M., Avdalović, J., Gojgić-Cvijović, G., Žerađanin, A., Mrazovac Kurilić, S. , Ilić, M., Miletić, S., Vrvic, M., Beškolski, V. Industrial-scale bioremediation of a hydrocarbon-contaminated aquifer's sediment at the location of a heating plant, Belgrade, Serbia. Clean Techn Environ Policy (2024). https://doi.org/10.1007/s10098-023-02724-8	
Milivojević, L.; Mrazovac Kurilić, S. ; Božilović, Z.; Koprivica, S.; Krčadinac, O. Study of Particular Air Quality and Meteorological Parameters at a Construction Site. Atmosphere 2023, 14, 1267. https://doi.org/10.3390/atmos14081267	
Vučković B, Kurilić SM , Nikolić-Bujanović L, Todorović N, Nikolov J, Radovanović JŽ, Milošević R, Jokić A. Radon in drinking water from alternative sources of water supply in the north of Kosovo. Radiat Prot Dosimetry. 2023 Jan 4;199(1):44-51. https://doi.org/10.1093/rpd/ncac222 . PMID: 36371743	

Biljana Vučković, Smiljana Marković, Snežana Stević, **Sanja Mrazovac Kurilić**, Ljiljana Nikolić Bujanović, Nataša Todorović, Jovana Nikolov, Dragan Radovanović, Danica Srećković Batočanin & Anja Jokić (2023) An overview of the radiation properties of spring water in the rural areas of Central Serbia, *International Journal of Environmental Analytical Chemistry*, 103:10, 2208-2222, <https://doi.org/10.1080/03067319.2021.1890060>

Ćirišan, A., Podrašćanin, Z., Bujanović, L.N., **Mrazovac Kurilić, S.**, Ilić, P. Trend Analysis Application on Near Surface SO₂ Concentration Data from 2010 to 2020 in Serbia. *Water Air Soil Pollut* 234, 186 (2023). <https://doi.org/10.1007/s11270-023-06111-3>.

Stojanović Bjelić, L., Ilić, P. Nešković Markić, D., Ilić, S., Popović, Z., **Mrazovac Kurilić, S.**, Mihajlović, D., Farooqi, Z. U. R., Jat Baloch, M. Y., Mohamed, M. H., Ahmed, M. A. Contamination in Water and Ecological Risk of Heavy Metals Near a Coal Mine and a Thermal Power Plant (Republic of Srpska, Bosnia and Herzegovina) *Applied ecology and environmental research*, (2023), vol. br. , str. 3807-3822

Predrag Ilić, Svetlana Ilić, Dragana Nešković Markić, Stojanović Bjelić Ljiljana, Zoran Popović, Branko Radović, **Sanja Mrazovac Kurilić**, Zia Ur Rahman Farooqi, Tariq Mehmood, Mohamed Hassan Mohamed (2022) Ecological Risk of Toxic Metal Contamination in Soil around Coal Mine and Thermal Power Plant. *Pol. J. Environ. Stud.* 2022;31(5):4147-4156 DOI: <https://doi.org/10.15244/pjoes/148071>

Salem Saleh O Aleja, **Kurilić, S.M.**, Jokić, A. et al. Main Characteristics of Spring Water on the Territory of Belgrade (Serbia). *J. Water Chem. Technol.* 43, 77–84 (2021). <https://doi.org/10.3103/S1063455X21010021>

Vojvodic K Nikolic-Bujanovic Ljiljana N **Kurilic SM** Staletovic Novica M , Possibility of Removal of Heavy Metals from Waters of Different Origin Using Ferro(VI) Ion on a Ni Example *Journal of water chemistry and technology*, (2021), vol. 43 br. 3, str. 236-242

Presburger Ulniković V., **Mrazovac Kurilić S.** (2020) Heavy metal and metalloid contamination and health risk assessment in spring water on the territory of Belgrade City, Serbia. *Environmental Geochemistry And Health* <https://doi.org/10.1007/s10653-020-00617-z>

Marković S., Vučković B., Nikolić Bujanović Lj., **Mrazovac Kurilić S.**, Todorović N., Nikolov J., Jokić A., Đokić B. (2020) Heavy metals and radon content in spring water of Kosovo. *Scientific Reports* <https://doi.org/10.1038/s41598-020-67371-1>

Lidija J. Stamenković, **Sanja Mrazovac Kurilić**, Vladanka Presburger Ulniković; Prediction of nitrate concentration in Danube River water by using artificial neural networks. *Water Supply* 1 September 2020; 20 (6): 2119–2132. doi: <https://doi.org/10.2166/ws.2020.104>

Ulniković, V.P., **Kurilić, S.M.** & Staletović, N. Air Quality Benefits From Implementing Best Available Techniques in Copper Mining and Smelting Complex Bor (Serbia). *Water Air Soil*

Pollut 231, 160 (2020). <https://doi.org/10.1007/s11270-020-04520-2>

Sanja Mrazovac Kurilić, Zvonimir Božilović, Rade Milošević (2020) "Contamination and health risk assessment of trace elements in PM10 from mining and smelting operations in the Bor basin, Serbia. Toxicology and Industrial Health <https://doi.org/10.1177/0748233720909719>

Nenad Marić, Jana Štrbački, **Sanja Mrazovac Kurilić**, Vladimir P. Beškoski, Zoran Nikić, Snežana Ignjatović, Jovana Malbašić (2019) Hydrochemistry of groundwater contaminated by petroleum hydrocarbons: the impact of biodegradation (Vitanovac, Serbia), Environmental Geochemistry and Health, <https://doi.org/10.1007/s10653-019-00462-9>

Sanja Mrazovac Kurilić, Zvonimir Božilović, Khalil Salem Abulsba, Alhusein Ezarzah (2019) Contamination and health risk assessment of heavy metals in PM10 in mining and smelting basin Bor in Serbia. Journal of Environmental Science and Health, Part A. <https://doi.org/10.1080/10934529.2019.1665946>

Sanja Mrazovac Kurilić, Novica Staletović, Khalil Salem Abulsba, Khaled Salem Dagali (2019) Possibility of the application of Danube, Sava and Morava river area shallow aquifer groundwater (Serbia) in the irrigatio purposes, Water Resources 46(6). Pleiade Publishing, Ltd.: 861-870 <https://doi.org/10.1134/S0097807819060162>

OTHER

Editor of the Proceedings of the Union-Nikola Tesla University

Member of the Organizing Committee of the International Conference on the Sustainable Environment and Technologies

Reviewer of a number of international journals with an impact factor