

Dr Sanja Mrazovac Kurilić

E-MAIL: mrazovac@gmail.com

Oblast: Transport zagađujućih supstanci i sedimenata

Predmeti:

Monitoring i kvantitativna analiza u životnoj sredini; Računske metode u zaštiti životne sredine; Modelovanje u zaštiti životne sredine; Matematičko modelovanje transporta zagađujućih supstanci; Obnovljivi izvori energije i energetska efikasnost; Programski paketi u proceni udesa

Obrazovanje i stručno usavršavanje:

- Diploma VSS: Fizika, PMF Univerzitet u Novom Sadu, 21.06.2001.
- Magistarski rad: Zaštita životne sredine, Univerzitet u Novom Sadu, 06.04.2006.
- Doktorski rad: Zaštita životne sredine, Univerzitet u Novom Sadu, 21.06.2011.

Izbor u zvanje i stručno iskustvo:

Fakultet za ekologiju i zaštitu životne sredine, Univerzitet Union-Nikola Tesla, Beograd 15.02.2013. - docent.

Fakultet za ekologiju i zaštitu životne sredine, Univerzitet Union-Nikola Tesla, Beograd 14.02.2018. - vanredni profesor.

Naučnoistraživački rad (izbor najznačajnijih referenci)

- 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\(0123456789](https://doi.org/10.1007/s10653-019-00462-9(0123456789)
- **S. Mrazovac**, M. Pantic, M. Vojinovic-Miloradov, B. Tomic; Dynamic model of methane-water diffusion; Applied mathematical modelling, 36 (2012), p 3985-3991
<http://www.sciencedirect.com/science/article/pii/S0307904X11006974>
- **Sanja Mrazovac Kurilić**, Vladanka Presburger Ulniković, Nenad Marić, Milenko Vasiljević; Assessment of typical natural processes and human activities

impact on the quality of drinking water; *Environmental Monitoring and Assessment*, 187 (2015), p 1-14
<http://link.springer.com/article/10.1007%2Fs10661-015-4888-5>

- Nenad Maric, **Sanja Mrazovac Kurilic**, Ivan Matic, Stanko Sorajic, Jelena Zaric; Groundwater quality on the territory of Kikinda municipality (Vojvodina, Serbia); *Environmental Earth Sciences*, 72 (2014), p 525-534
<http://link.springer.com/article/10.1007%2Fs12665-013-2973-z>

- **Sanja Mrazovac**, Mirjana Vojinović-Miloradov, Ivan Matić, Nenad Marić; Multivariate statistical analyzing of chemical parameters of groundwater in Vojvodina; *Chemie der Erde-Geochemistry*, 73 (2013), p 217-225
<http://www.sciencedirect.com/science/article/pii/S0009281912001146>

- **S.Mrazovac**, M.Vojinovic-Miloradov; Correlation of main physicochemical parameters of some groundwater in northern Serbia; *Journal of Geochemical Exploration*, 108 (2011), p 176-182
<http://www.sciencedirect.com/science/article/pii/S0375674211000069>

- **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 doi 10.1134/S0097807819060162
<https://link.springer.com/article/10.1134/S0097807819060162>

- Kristina Vojvodić, Ljiljana Nikolić Bujanović, **Sanja Mrazovac Kurilić**, Novica Staletović (2019) Application of electrochemically synthesized ferrate(VI) in the process of removal of heavy metals from waters. *Journal of water chemistry and technology* (letter of acceptance)

- **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*. -doi 10.1080/10934529.2019.1665946
<https://www.tandfonline.com/doi/abs/10.1080/10934529.2019.1665946>

- Novica Staletović, **Sanja Mrazovac Kurilić**, Srdja Kovačević, Violeta Cibulić; (2016); Impact of pyrometallurgical treatment of waste lacquered copper wire on working quality and environment; *International Journal of metalcasting* 10(4); p 531-534
<http://link.springer.com/article/10.1007/s40962-016-0037-3>

- **S.Mrazovac**, Đ.Basic; Methane-rich geothermal waters in the Pannonian Basin of Vojvodina (northern Serbia); *Geothermics*, 38 (2009), p 303-312
<http://www.sciencedirect.com/science/article/pii/S0375650509000248>