

LIČNE INFORMACIJE

Ivana Mihajlović



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RADNO ISKUSTVO

- Februar 2015 – **Docent**
Fakultet tehničkih nauka, Univerzitet u Novom Sadu
- Januar 2014–Februar 2015. **Naučni saradnik**
Fakultet tehničkih nauka, Univerzitet u Novom Sadu
- Januar 2011–Januar 2014. **Istraživač pripravnik**
Fakultet tehničkih nauka, Univerzitet u Novom Sadu
- Mart 2009–Mart 2010. **Stipendista Ministarstva za nauku i tehnološki razvoj RS**
Fakultet tehničkih nauka, Univerzitet u Novom Sadu

OBRAZOVANJE

- 2012. **Doktor tehničkih nauka iz oblasti inženjerstva zaštite životne sredine** (nostrifikacija diplome na Univerzitetu u Novom Sadu)
Univerzitet u Osnabriku, Osnabrik, Nemačka
- 2008 – 2009. **Master fizikohemičar**
Fakultet za fizičku hemiju, Univerzitet u Beogradu, Beograd
- 2003 – 2008. **Dipl. fizikohemičar**
Fakultet za fizičku hemiju, Univerzitet u Beogradu, Beograd

LIČNE VEŠTINE

Maternji jezik srpski

Drugi jezici

Engleski

Nemački

	RAZUMEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Usmena interakcija	Usmeno izražavanje	
Engleski	C1	C1	B2	B2	C1
Nemački	B1	B1	A2	A2	B1

Digitalne veštine

SAMOPROCENA				
Obrada informacija	Komunikacija	Stvaranje sadržaja	Bezbednost	Rešavanje problema
Napredni nivo	Napredni nivo	Samostalna upotreba	Samostalna upotreba	Samostalna upotreba

Ostale računarske veštine:

- dobro vladanje Office paketom (programi za obradu teksta, pravljenje tabela, pravljenje prezentacija)

Relevantne publikacije

- Petrović, M., Sremački, M., Radonić, J., **Mihajlović, I.**, Obrovski, B., Vojinović Miloradov, M.: Health risk assessment of PAHs, PCBs and OCPs in atmospheric air of municipal solid waste landfill in Novi Sad, Serbia, *Science of the Total Environment*, 2018, Vol. 644, pp. 1201-1206, ISSN 0048-9697
- Obrovski, B., Bajić, J., **Mihajlović, I.**, Vojinović-Miloradov, M., Batinić, B., Živanov, M.: Colorimetric fiber optic probe for measurement of chemical parameters in surface water, *Sensors and Actuators B: Chemical*, 2016, Vol. 228, pp. 168-173, ISSN: 0925-4005
- **Mihajlović, I.**, Vojinović-Miloradov, M., Fries, E.: Application of Twisselmann Extraction, SPME, and GC-MS To Assess Input Sources for Organophosphate Esters into Soil. *Environ Sci Technol*, 2011, Vol. 45, pp. 2264-2269, ISSN 0013-936X
- Vukavić, T., Vojinović-Miloradov, M., **Mihajlović, I.**, Ristivojević, A.: Human milk POPs and neonatal risk trend from 1982 to 2009 in the same geographic region in Serbia. *Environment International*, 2013, Vol. 54, pp. 45-49, ISSN 0160-4120
- Pap, S., Radonić, J., Trifunović, S., Adamović, D., **Mihajlović, I.**, Vojinović Miloradov, M., Turk Sekulić, M.: Evaluation of the adsorption potential of eco-friendly activated carbon prepared from cherry kernels for the removal of Pb²⁺, Cd²⁺ and Ni²⁺ from aqueous wastes, *Journal of Environmental Management*, 2016, Vol. 184, pp. 297-306, ISSN: 0301-4797
- **Mihajlović, I.**, Fries, E.: Atmospheric deposition of chlorinated organophosphate flame retardants (OFR) onto soils. *Atmospheric Environment*, 2012, Vol. 56, pp. 177 -183, ISSN 1352-2310
- Grujić Letić, N., Milanović, M., Milić, N., Vojinović Miloradov, M., Radonić, J., **Mihajlović, I.**, Turk Sekulić, M.: Determination of Emerging Substances in the Danube and Potential Risk Evaluation. *CLEAN - Soil, Air, Water*, 2015, ISSN: 1863-0669
- Milanović, M., **Mihajlović, I.**, Pap, S., Brborić, M., Đogo, M., Grujić Letić, N., Nježić, Z., Milić, N.: Necessity monitoring of meat processing industry wastewater - one year trial in Serbia, *Desalination and Water Treatment*, 2016, Vol. 57, pp 15806-15812, ISSN: 1944-3994
- Fries, E., **Mihajlović, I.**: Pollution of soils with organophosphorus flame retardants and plasticizers. *Journal of Environmental Monitoring*, 2011, Vol 13, pp. 2692 -2694, ISSN: 1464-0325
- Milić, N., Milanović, M., Grujić Letić, N., Turk Sekulić, M., Radonić, J., **Mihajlović, I.**, Vojinović Miloradov, M.: Occurrence of antibiotics as emerging contaminant substances in aquatic environment, *International Journal of Environmental Health Research*, 2013, Vol. 23, No. 4, pp. 296-310, ISSN 0960-3123
- Hgeig, A., Novaković, M., **Mihajlović, I.**: Sorption of carbendazim and linuron from aqueous solutions with activated carbon produced from spent coffee grounds: Equilibrium, kinetic and thermodynamic approach, *Journal of Environmental Science and Health. Part B: Pesticides, Food Contaminants, and Agricultural Wastes*, 2019, Vol. 54, pp. 226-236, ISSN: 0360-1234
- Savić, B., **Mihajlović, I.**, Milutinović, S., Seović, M., Nikolić, Ž., Tošić, M., Brdarić, T.: Validation and uncertainty estimation of analytical method for determination of phenolic compounds in concrete, *Journal of the Serbian Chemical Society*, 2019, Vol. 84, pp. 55-68, ISSN: 0352-5139
- Čavić, A., Sremački, M., Petrović, M., Obrovski, B., Šunjević, M., **Mihajlović, I.**, Bošković, A., Vojinović Miloradov, M.: Valorisation of the concentration levels of toxic metal cations in River Danube surface water via multicriteria analysis, *Fresenius Environmental Bulletin*, 2018, Vol. 27, pp. 7787–7797, ISSN 1018-4619
- Đurakovac, A., **Mihajlović, I.**, Djogo, M., Sekulic, M., Markovic, M., Vojinovic Miloradov, M.: Bioretention systems as a part of advanced environmental treatment practice of wastewater in the city of Novi Sad, *Fresenius Environmental Bulletin*, 2018, Vol. 27, pp. 283–290, ISSN 1018-4619
- Marković, M, Vojinović Miloradov, M, Ignjatović, Lj, Obrovski, B, Čavić, A, **Mihajlović, I.**: Ecological status of artificial accumulation lake Vruci, case study, Serbia, *Fresenius Environmental Bulletin*, 2017, Vol. 26, pp. 5184-5189, ISSN 1018-4619
- Sremački, M., Milanović, M., **Mihajlović, I.**, Spanik, I., Radonić, J., Turk Sekulić, M., Milić, N., Vojinović Miloradov, M.: Adaptation of screening analysis method for key pollutants in wastewater of meat industry, *Fresenius Environmental Bulletin*, 2016, Vol. 25, pp. 5008-5013, ISSN 1018-4619
- Radonić, J., Kocić Tanackov, S., **Mihalović, I.**, Grujić, Z., Vojinović Miloradov, M., Škrinjar, M., Turk Sekulić, M.: Occurrence of aflatoxin M1 in human milk samples in Vojvodina, Serbia: Estimation of average daily intake by babies, *Journal of Environmental Science and Health, Part B - Pesticides, Food Contaminants, & Agricultural Wastes*, 2017, Vol. 52, pp. 59-63, ISSN 0360-1234

- Đogo, M., Radonić, J., **Mihajlović, I.**, Obrovski, B., Ubavin, D., Turk Sekulić, M., Vojinović Miloradov, M.: Selection of optimal parameters for future research monitoring programmes on MSW landfill in Novi Sad, Serbia, Fresenius Environmental Bulletin, 2017, Vol. 26, pp. 4867-4875, ISSN 1018-4619
- Vojinović Miloradov, M., Turk-Sekulić, M., Radonić, J., Milić, N., Grujić-Letić, N., **Mihajlović, I.**, Milanović, M.: Industrial emerging chemicals in the environment, Hemijska industrija, 2014, Vol. 68, No. 1, pp. 51-62, ISSN 0367-598X
- **Mihajlović, I.**, Pap, S., Sremački, M., Brborić, M., Babunski, D., Đogo, M.: Comparison of Spectrolyser Device Measurements with Standard Analysis of Wastewater Samples in Novi Sad, Serbia. Bulletin of Environmental Contamination and Toxicology, 2014, Vol. 93, pp. 354-359, ISSN: 0007-4861
- Vojinović Miloradov, M., **Mihajlović, I.**, Vyviurska, O., Cacho, F., Radonić, J., Milić, N., Španik, I.: Impact of wastewater discharges to Danube surface water pollution by emerging and priority pollutants in the vicinity of Novi Sad, Serbia, Fresenius Environmental Bulletin, 2014, Vol. 23, No. 9, pp. 2137-2145, ISSN 1018-4619

Projekti

- ICT Networking for Overcoming Technical and Social Barriers in Instrumental Analytical Chemistry Education NETCHEM, ERASMUS+, 2016-
- SeNs Wetlands (HR-RS135), Interreg IPA Program prekogranične saradnje Hrvatska – Srbija, 2017-
- Sinteza i primena novih nanostrukturnih materijala za degradaciju organskih polutanata iz komunalnih procepnih voda u Vojvodini, Pokrajinski sekretarijat za nauku i tehnološki razvoj AP (114-451-1821/2016-03), 2016-
- Razvojna istraživanja detekcije i kvantifikacije emergentnih i prioritetnih supstanci u vodi Dunava kod Novog Sada, II – Nastavak istraživanja, Grad Novi Sad, Gradska uprava za zaštitu životne sredine (VI-501-2/2013-39), 2013.
- Procena stanja otpadnih i površinskih voda na izabranoj lokaciji grada Novog Sada, Grad Novi Sad, Gradska uprava za zaštitu životne sredine, 2013-2014.
- Urgentna potreba monitoringa i procena dnevnog unosa aflatoksina M1 iz humanog mleka porodilja Južnobačkog okruga AP Vojvodine, Pokrajinski sekretarijat za nauku i tehnološki razvoj AP Vojvodine (114-451-3989/2013-03); 2013-2014.
- Pružanje podrške popularizaciji inženjerstva zaštite životne sredine, kao naučne discipline među srednjoškolicima, Centar za promociju nauke, 2013-2014.
- Primena savremenih analitičkih metoda pri karakterizaciji zagađenja izvorišta pijaće vode u Novom Sadu, Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije, međuvladin program naučno-tehnološke saradnje između Republike Srbije i Slovačke Republike za 2012-2013. godinu (680-00-140/2012-09/13)
- Network for education and training for public environmental laboratories – NETREL, TEMPUS: 530554-TEMPUS-1-2012-SK-JPHES, 2012-2016.
- Data collection and MFA analysis in waste and wastewater management in 5 municipalities, Die Deutsche Gesellschaft für Internationale Zusammenarbeit – GIZ, 2012-2014.
- Kontinualni on-line monitoring otpadnih voda grada Novog Sada, Gradska uprava za zaštitu životne sredine, Grad Novi Sad, Gradska uprava za zaštitu životne sredine, 2012-2013.
- Kvantifikacija rezidua perzistentnih organskih polutanata u uzorcima krvi pupčanika i humanog mleka na području grada Novog Sada, Grad Novi Sad, Gradska uprava za zaštitu životne sredine (VI-501-2/2012-59), 2012.
- Unapređenje i razvoj higijenskih i tehnoloških postupaka u proizvodnji namirnica - životinjskog porekla u cilju dobijanja kvalitetnih i bezbednih proizvoda konkurentnih na svetskom tržištu, potprojekat: Tretman i kvalitet otpadnih voda mesne industrije i određivanje prisustva "emerging" supstanci u cilju smanjenja kontaminacije vodotokova, Ministarstvo za nauku i tehnološki razvoj Republike Srbije, evidencioni broj: III46009, 2011-
- Drinking Water Quality Risk Assessment and Prevention in Novi Sad municipality, Serbia, NATO Project: ESP.EAP.SFP 984087, 2011-2015.
- Bestimmung des Eintrags von Phosphorsäureestern in die boeden, Nemačka fonadacija za životnu sredinu, DBU – Deutsche Bundesstiftung Umwelt, 2010-2011.
- Tehničko-tehnološki aspekti zaštite, iskorišćenja i reciklaže materijala u grafičkoj industriji, Ministarstvo za nauku i tehnološki razvoj Republike Srbije, evidencioni broj: 21014, 2009-2010.

Konferencije

Saopštenja sa međunarodnih skupova štampanih u celini (M33):

1. Đogo, M., Brborić, M., **Mihajlović, I.**, Radonić, J., Pap, S., Ubavin, D.: Application of statistical methods in creating a monitoring programs of groundwater and surface water quality at municipal solid waste landfills, ISWA WORLD CONGRESS 2016, Novi Sad, Serbia: University of Novi Sad, Faculty of Technical Sciences, and Serbian Solid Waste Association (SeSWA), 19-21 September, 2016, pp. 1857-1868, ISBN 978-86-7892-837-6
2. Obrovski, B., **Mihajlović, I.**, Bajić, J., Vojinović-Miloradov, M., Đogo, M., Joža, A., Živanov, M.: Use of optical fibre sensor for monitoring of leachate and groundwater samples on MSW landfill, ISWA WORLD CONGRESS 2016, Novi Sad, Serbia: University of Novi Sad, Faculty of Technical Sciences, and Serbian Solid Waste Association (SeSWA), 19-21 September, 2016, pp. 1627-1634, ISBN 978-86-7892-837-6.
3. Sremački, M., **Mihajlović, I.**, Đogo M., Maoduš, N., Gajica, G., Vojinović-Miloradov, M., Ubavin D., GC-MS screening analyses of organic pollutants in landfill leachate, ISWA WORLD CONGRESS 2016, Novi Sad, Serbia: University of Novi Sad, Faculty of Technical Sciences, and Serbian Solid Waste Association (SeSWA), 19-21 September, 2016, pp. 1907-1921, ISBN 978-86-7892-837-6.
4. Sremački, M., Milanović, M., **Mihajlović, I.**, Španik, I., Turk Sekulić, M., Radonić, J., Vojinović Miloradov, M.: Risk assessment of DDT and metabolites in waste and surface water of Novi Sad, XXV International Conference "Ecological Truth", Eco-Ist '17, Vrnjačka Banja, Serbia: University of Belgrade, Technical Faculty Bor, 12-15 June, 2017, pp. 549-554, ISBN 978-86-6305-062-4.
5. Savić, B., Brdarić, T., **Mihajlović, I.**, Milutinović, S., Pijović, M., Georgijević, J., Tasić, G.: Monte Carlo simulation as an alternative approach for estimation of uncertainty measurement of 2,4 dimethylphenol, 14th International Conference on Fundamental and Applied Aspects of Physical Chemistry, The Society of Physical Chemists of Serbia, Belgrade, Serbia, 24–28 September 2018, pp. 785-788, ISBN 978-86-82475-37-8.
6. Milovanović, D., Sremački, M., Štrbac, D., **Mihajlović, I.**, Vojinović Miloradov, M., Petrović, M. Overview of harmonization of water monitoring legislation in Serbia with WFD requirements: Case study in Novi Sad, International Conference Ecological Truth and Environmental Research, Bor Lake, Serbia: University of Belgrade, Technical Faculty Bor, 12-15 June, 2018, pp. 255-259, ISBN: 978-86-6305-076-1
7. Vojinović Miloradov, M., Španik, I., **Mihajlović, I.**, Turk Sekulić, M., Radonjić, J., Surprising the Residual High Concentrations of DDT and Metabolites in Water Samples, 34. International Conference on Organizational Science Development "Internationalization and cooperation", University in Maribor, Portorož, Slovenia, 25-27 March, 2015, pp. 1273-1277, ISBN 978-961-232-280-9.
8. Stošić, M., **Mihajlović, I.**, Vojinović Miloradov, M., Kalinić, D., Emerging substances the new approach, 34. International Conference on Organizational Science Development "Internationalization and cooperation", University in Maribor, Portorož, Slovenia, 25-27 March, 2015, pp. 1044-1050, ISBN 978-961-232-280-9.
9. Obrovski, B., Bajić, J., Vojinović Miloradov, M., Živanov, M., **Mihajlović, I.**, Batinić, B., Implementation of the new possibilities of optical fibre sensor for determination of key physico-chemical parameters of surface water quality, 19. International conference "Environmental protection of urban and suburban settlements" – Eco-conference, Ecological Movement of Novi Sad, Novi Sad, Srbija, 23-25 September, 2015, pp. 107-114, ISBN 978-86-83177-49-3.
10. Novaković, M., Bežanović, V., Ivetić, T., **Mihajlović, I.**, Štrbac, G., Štrbac, D., Đogo, M.: Efficiency of ZnO/SnO₂ nano powder catalyst for photodegradation of pharmaceutically active water pollutants, V International Conference „ECOLOGY OF URBAN AREAS 2016“, Faculty of Technical Sciences "Mihajlo Pupin", Zrenjanin, 30th September 2016, Zrenjanin, Serbia, pp. 138-142, ISBN 978-86-7672-291-4.
11. Hgeig, A., Novaković, M., Vojinović Miloradov, M., **Mihajlović, I.**: Separation of pesticide carbendazim from water by activated carbon, V International Conference „ECOLOGY OF URBAN AREAS 2016“, Faculty of Technical Sciences "Mihajlo Pupin", Zrenjanin, 30th September 2016, Zrenjanin, Serbia, pp. 151-154, ISBN 978-86-7672-291-4.
12. Obrovski, B., Bajić, J., Vojinović-Miloradov, M., **Mihajlović, I.**, Joža, A., Živančev, N., Živanov, M.: Monitoring of chlorine in swimming pool by fiber optic sensor, International Conference on Innovative Technologies – „In Tech 2016“, Prague, 6-8 September, 2016, pp. 217-221, ISBN 978-86-7892-837-6.
13. Obrovski, B., **Mihajlović, I.**, Bajić, J., Vojinović-Miloradov, M., Adamović, D., Batinić, B., Živanov, M.: Measurement of free chlorine in swimming pool water by fiber optic sensor, 5. International Conference „Ecology of Urban Area 2016“, Zrenjanin: 30 September, 2016, 133-138, ISBN 978-86-7672-291-4.
14. Bežanovic, V., Novakovic, M., Petrovic, M., **Mihajlović, I.**: Removal of leachate dyes by

- using activated carbon Norit SA2, The 8th PSU-UNS International Conference on Engineering and Technology (ICET-2017), Novi Sad, Serbia: University of Novi Sad, Faculty of Technical Sciences, 8-10 June, 2017, pp. 1-4, ISBN 987-86-7892-934-2
15. Obrovski, B., Bajić, J., **Mihajlović, I.**, Vojinović-Miloradov, M., Batinić, B., Živancev, N., Rajs, V.: Monitoring of orthophosphate in river Danube, The 8th PSU-UNS International Conference on Engineering and Technology (ICET-2017), Novi Sad, Serbia: University of Novi Sad, Faculty of Technical Sciences, 8-10 June, 2017, pp. 1-3, ISBN 987-86-7892-934-2
 16. Vojinović Miloradov, M., **Mihajlović, I.**, Emerging hazardous substances in outdoor and indoor environment. State of the art. Current and past research. 18 International Conference of Man & Working Environment, 50 Years of Higher Education, Science and Research in Occupational Safety Engineering, University of Nis, Faculty- of Occupational Safety, Niš, Serbia, 6-7 December, 2018, pp. 1-8, ISBN: 978-86-6093-089-9.

Priznanja i nagrade

- Nagrada "Pavle Savić" Društva fizikohemičara Srbije – 2009.
- Specijalno priznanje Srpskog hemijskog društva za 2008.