





PERSONAL INFORMATION



Ivana Mihajlović

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WORK EXPERIENCE

- February 2015 – **Assistant Professor**
Faculty of Technical Sciences, University of Novi Sad
- January 2014 – February 2015 **Assistant Research Professor**
Faculty of Technical Sciences, University of Novi Sad
- January 2011 – January 2014 **Junior Researcher**
Faculty of Technical Sciences, University of Novi Sad
- March 2009 – March 2010 **Ministry of science and technological development scholarship holder**
Faculty of Technical Sciences, University of Novi Sad

EDUCATION

- 2012 **PhD in Environmental Engineering** (recognition at University of Novi Sad)
University of Osnabrück, Osnabrück, Germany
- 2008 – 2009 **M.Sc. Physicochemist**
Faculty of Physical Chemistry, University of Belgrade
- 2003 – 2008 **Graduated Physicochemist**
Faculty of Physical Chemistry, University of Belgrade

PERSONAL SKILLS

Mother tongue Serbian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
German	B1	B1	A2	A2	B1

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Other computer skills:

- good command of office suite (word processor, spread sheet, presentation software)

 ADDITIONAL INFORMATION

Relevant publications

- 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., Spanik, 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

Projects

- ICT Networking for Overcoming Technical and Social Barriers in Instrumental Analytical Chemistry Education NETCHEM, ERASMUS+, 2016-
- SeNs Wetlands (HR-RS135), Interreg IPA Cross-border Cooperation Program Croatia-Serbia 2014-2020, 2017-
- Synthesis and application of new nanostructured materials for the degradation of organic pollutants from municipal waters in Vojvodina, Provincial Secretariat for Science and Technological Development of AP Vojvodina (114-451-1821 / 2016-03), 2016-
- Developmental research on the detection and quantification of emergent and priority substances in the Danube water near Novi Sad, II - Continuation of the research, City of Novi Sad, City Administration for Environmental Protection (VI-501-2 / 2013-39), 2013.
- Assessment of the condition of waste and surface waters at the selected location of the city of Novi Sad, City of Novi Sad, City Administration for Environmental Protection, 2013-2014.
- Urgent need for monitoring and estimation of daily intake of aflatoxin M1 from human milk of mother-of-birth of South-Vojvodina region of AP Vojvodina, Provincial Secretariat for Science and Technological Development of AP Vojvodina (114-451-3989 / 2013-03); 2013-2014.
- Providing support for the popularization of environmental engineering, as a science discipline among high school students, Center for the Promotion of Science, 2013-2014.
- Application of modern analytical methods in the characterization of pollution of drinking water sources in Novi Sad, Ministry of Education, Science and Technological Development of the Republic of Serbia, intergovernmental program of scientific and technological cooperation between the Republic of Serbia and the Slovak Republic for 2012-2013. (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 waste management in 5 municipalities, Die Deutsche Gesellschaft für Internationale Zusammenarbeit - GIZ, 2012-2014.
- Continuous On-Line Monitoring of Wastewater of the City of Novi Sad, City Administration for Environmental Protection, City of Novi Sad, City Administration for Environmental Protection, 2012-2013.
- Quantification of residues of persistent organic pollutants in samples of umbilical cord blood and human milk in the area of Novi Sad, City of Novi Sad, City Administration for Environmental Protection (VI-501-2 / 2012-59), 2012
- Improvement and development of hygienic and technological procedures in the production of foodstuffs of animal origin in order to obtain quality and safe products that are competitive on the world market, subproject: Treatment and quality of waste waters of the meat industry and determination of the presence of "emerging" substances in order to reduce water contamination, Ministry of science and technological development of the Republic of Serbia (III46009), 2011-
- Drinking Water Quality Assessment and Prevention in Novi Sad municipality, Serbia, NATO Project: ESP.EAP.SFP 984087, 2011-2015.
- Bestimmung des Eintrags von Phosphorsäureestern in die boeden, DBU – Deutsche Bundesstiftung Umwelt, 2010-2011.
- Technical-technological aspects of protection, utilization and recycling of materials in the printing industry, Ministry of Science and Technological Development of the Republic of

Serbia (TR 21014), 2009-2010.

Conferences

International conference papers:

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., Spanik, 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 Septembar, 2016, 133-138, ISBN 978-86-7672-291-4.

14. Bezanovic, V., Novakovic, M., Petrovic, M., **Mihajlovic, 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.

Honours and awards

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- Award "Pavle Savić" of Physico-Chemical Society of Serbia - 2009
 - Special Award of the Serbian Chemical Society for 2008.