LIČNE INFORMACIJE

Mladenka Novaković

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RADNO ISKUSTVO

2020 –

Istraživač saradnik

Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Departman za inženjerstvo zaštite životne sredine i zaštite na radu

2017 – 2020

Istraživač pripravnik

Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Departman za inženjerstvo zaštite životne sredine i zaštite na radu

2015 - 2017

Stipendista Ministarstva prosvete, nauke i tehnološkog razvoja RS

Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Departman za inženjerstvo zaštite životne sredine i zaštite na radu

OBRAZOVANJE

2014 -2021

Doktor nauka- Inženjerstvo zaštite životne sredine

Univerzitet u Novom Sadu, fakultet tehničkih nauka, Departman za inženjerstvo zaštite životne sredine i zaštite na radu

2013 – 2014

Master inženjer zaštite životne sredine

Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Departman za inženjerstvo zaštite životne sredine i zaštite na radu

2009 - 2013

Diplomirani inženjer zaštite životne sredine

Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Departman za inženjerstvo zaštite životne sredine i zaštite na radu

LIČNE VEŠTINE

Maternji jezik: Srpski jezik

Drugi jezici

	RAZUMEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
Engleski jezik	C1	C1	C1	C1	C1
Nemački jezik	A2	A2	A2	A2	A2

Relevantne publikacije

- Štrbac, D., Aggelopoulos, C., Štrbac, G., Dimitropoulos, M., Novaković, M., Ivetić, T., Yannopoulos S.:. Photocatalytic degradation of Naproxen and Methylene blue: Comparison between ZnO, TiO_2 and their mixture. Process Safety and Environmental Protection, 2018, Vol. 113, pp. 174-183, ISSN: 0957-5820.
- Narevski, A., Novaković, M., Petrović, M., Mihajlović, I., Maoduš, N., Vujić G.: Occurrence of bisphenol A and microplastics in landfill leachate: lessons from South East Europe. Environmental Science and Pollution Research, 2021, Vol. 28, pp. 42196–42203, https://doi.org/10.1007/s11356-021-13705-z
- 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, 2019, Vol. 54, pp.226-236, ISSN: 0360-1234
- Novaković, M., Štrbac, D., Petrović, M., Štrbac, D., Mihajlović I.: Decomposition of pharmaceutical micropollutant–diclofenac by photocatalytic nanopowder mixtures in aqueous media: effect of optimization parameters, identification of intermediates and economic considerations. Journal of Environmental Science and Health Part A, 2020, Vol. 55 No. 4, pp. 483-497 DOI: 10.1080/10934529.2019.1701895.
- Elazabi, M., Draskovic, B., Novakovic, M., Mihajlovic, I., Hgeig A.: Adsorption of linuron and isoproturon pesticides on commercial activated carbon, Norit SA2. Fresenius Environmental Bulletin. 2021, Vol. 30, No. 02, pp. 1030-1043, ISSN 1018-4619.
- Bežanović, V., Novaković, M., Štrbac, D., Petrović, M., Ivetić, T., Štrbac, G., Mihajlović I.: Application of zinc tin oxide nanomaterial for adsorption of pharmaceutically active compounds from water. XI International Symposium on Recycling Technologies and Sustainable Development, Bor, , 2016, pp. 111-116, ISBN 978-86-6305-051-8.
- Novaković, M., Bežanović, V., Ivetić, T., Štrbac, G., Mihajlović, I., Štrbac, D.: Photodegradation of diclofenac sodium in aqueous solution by ZnO/SnO2 powder mixture catalyst. 22nd International Symposium on Analytical and Environmental Problems, Segedin, 10. October 2016, pp. 9-12, ISBN 978-963-306-507-5.
- Hgeig, A., Novaković, M., Vojinović-Miloradov, M., Mihajlović, I.: Separation of pesticide carbendazim from water by activated carbon. 5. International Conference „Ecology of Urban Areas 2016“, Zrenjanin, 31. September 2016, pp. 151-154, ISBN 978-86-7672-291-4.
- Novaković, M., Bežanović, V., Ivetić, T., Mihajlović, I., Štrbac, G., Štrbac, D., Petrović M.: Efficiency of ZnO/SnO2 nano powder catalyst for photodegradation of pharmaceutically active water pollutants. 5. International Conference „Ecology of Urban Areas 2016“, Zrenjanin, 31. September 2016, pp. 138-142, ISBN 978-86-7672-291-4.
- Bežanović, V., Sremački, M., Novaković, M., Štrbac, D., Petrović, M., Mihajlović, I.: Identification of Organic Pollutants in Leachate of MSW Landfill Sites in AP Vojvodina. 9. Eastern European Young Water Professionals Conference, Budapest, 24-25 May 2017, pp. 573-578.
- Hgeig, A., Novaković, M., Bežanović, V., Mihajlović, I.: Adsorption study of carbendazim pesticide by bentonite clay. 23rd International Symposium on Analytical and Environmental Problems, Szeged, 9 - 10 October 2017, pp. 203-207, ISBN 978-963-306-563-1.
- Novaković, M., Bežanović, V., Petrović, M., Štrbac, G., Štrbac, D., Mihajlović, I.: Application of nanopowder mixture for photocatalytic decomposition of ibuprofen in aqueous solutions. 1st International Conference the Holistic Approach to Environment, Sisak, 13-14 September 2018, pp. 530-536, ISBN 2623-677X.
- Novaković, M., Bežanović, V., Petrović, M., Štrbac, G., Štrbac, D., Mihajlović, I.: Application of nanopowder mixture for photocatalytic decomposition of ibuprofen in aqueous solutions, 1st International Conference The Holistic Approach to Environment, Sisak, Republic of Croatia: Association for Promotion of Holistic Approach to Environment, 13-14 September, 2018, pp. 530-536, ISBN 2623-677X.
- Novaković, M., Petrović, M., Simeunović, U., Mihajlović, I., Sremački, M., Bežanović, V., Štrbac, D.: Heterogenous Photocatalysis with Nano-zinc Oxide as a Possible Solution for Removal of Bisphenol A from Landfill Leachate, 11th Eastern European Young Water Professionals Conference, University of Chemistry and Technology Prague, Prague, Czech Republic, 1-5 October, 2019, pp.233-234, ISBN: 978-80-7592-054-6. M34
- Petrović, M., Sremački, M., Mihajlović, I., Novaković, M., Milovanović, D., Bežanović, V., Maoduš, N.: Environmental Risk Assessment of Municipal Solid Waste Landfill in the Vicinity of Novi Sad-A Project Review, 11th Eastern European Young Water Professionals Conference, University of Chemistry and Technology Prague, Prague,
- Štrbac, G., Novaković, M., Štrbac, D., Bubulj, S., Mihajlović, I.: Influence of variation of pH and concentration on efficiency of naproxen removal from mixture of pharmaceuticals by advanced oxidation photocatalysis using ZnO/TiO_2, 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC5) and 14th Mediterranean Conference on Calorimetry and Thermal Analysis (Medicta2019), Rome, Italy, 27-30 August, 2019, pp. 467-467, ISBN 978-3-940237-59-0.
- Adamov T., Novaković M., Živančev N., Špánik I., Mihajlović I., Petrović M.: Leachate quality assessment of protected water bodies in Serbia and Croatia, 26. International Symposium on Analytical and Environmental Problems, Segedin: University of Szeged, H-6720 Szeged, Dugonics tér 13,Hungary, 23-24 November, 2020, pp. 80-83, ISBN 978-963-306-771-0.

Relevantni projekti

- Projekat Ministarstva prosvete, nauke i tehnološkog razvoja „Unapređenje i razvoj higijenskih i tehnoloških postupaka u proizvodnji namirnica životinjskog porekla u cilju dobijanja kvalitetnih i bezbednih proizvoda konkurentnih na svetskom tržištu" evidencioni broj: III 46009 podprojekat „Tretman i kvalitet otpadnih voda mesne industrije i određivanje prisustva emergentnih supstanci u cilju smanjenja kontaminacije vodotokova", Novi Sad, Srbija.
- Erasmus+ ICT Networking for Overcoming Technical and Social Barriers in Instrumental Analytical Chemistry education, NETCHEM http://www.netchem.ac.rs/
- Projekat Pokrajinskog sekretarijata AP Vojvodina Sinteza i primena novih nanostrukturnih materijala za razgradnju organskih polutanata iz procednih voda komunalnih deponija u Vojvodini, 2016-2020.godine, broj: 142-451-2129/2019-01/02.
- Bilateralni projekat Srbija-Slovačka „Development and Implementation of Field and Laboratory Methodologies for Environmental Evaluation of Wetlands",broj projekta: 337-00-107/2019-09/16, 2019-2020.
- Procena rizika ekostatusa životne sredine Novog Sada u okolini deponije komunalnog otpada, Gradska uprava za zaštitu životne sredine, Grad Novi Sad, broj ugovora VI-501-2/2018-18v-6, 2018-2019.
- Interreg DTS Tid(y)Up projekat „F(ol)low the Plastic from source to the sea: Tisza-Danube integrated action plan to eliminate plastic pollution of rivers", 2020-
- Erasmus+ project "Development of digital approach for occupational health and safety systems in higher education courses – DOHASS", project no. 2020-1-RS01-KA226-HE-094562, 2021-12-17, 2021-
- Erasmus+ project "Digitalization of laboratory exercises in the classical and instrumental analytical chemistry – DigiLabAC", 2021-
- Erasmus+ project "Sustainable University Enterprise Cooperation for Improving Graduate Employability (SUCCESS)", project number: 618975-EPP-1-2020-1-BA-EPPKA2-CBHE-JP, 2020-

Članstva

2018. International Water Association (IWA)

Kursevi Stipendije Sertifikati

- Learning course on QA/QC, NETREL TEMPUS, Rektorat Univerziteta u Novom Sadu, 21 – 24.10.2014.
- Statistička obrada podataka- Data handling, NETREL TEMPUS, Rektorat Univerziteta u Novom Sadu, 26-30.01.2015.
- MERLIN-Expo training on chemical exposure modelling, Beograd, Srbija, 20-21.04.2015.
- Waste management as Part of the Urban Metabolism, Fakultet tehničkih nauka, Univerzitet u Novom Sadu,15 - 19.06.2015.
- Estimation of the Measurement Uncertainty in Chemical Analysis, Lifelong Learning Centre Univerziteta u Tartuu, 28.03.2016. - 08.05.2016.
- Zahtevi nove verzije standarda 17025:2017, Laboratorija za monitoring životne i radne sredine, Departman za inženjerstvo zaštite životne sredine i zaštite na radu, 30 - 31.05.2019.
- Letnja škola "Instrumental Analytical Techniques in Environmental and Food Safety Control", Prirodni matematički fakultet, Niš, Srbija, 18.06.2019. - 21.06.2019.

Dodatne informacije

- Saradnik u Akreditovanoj laboratoriji za monitoring životne i radne sredine na Departmanu za inženjerstvo zaštite životne sredine i zaštite na radu od marta 2017.godine.
- Član organizacionog odbora studentske konferencije *1st DIFENEW International Student Conference - DISC2021* organizovane u okviru bilateralne saradnje između Srbije i Slovačke, decembar, 2021.