Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Milena Tadić**
Adress(es)	Malo Brdo, Lamela II/16, 81000 Podgorica, Montenegro
Phone numbers	+382 (0) 20 245 406 Mobile: +382 (0) 69 660 756
E-mail	milenak@ucg.ac.me
Nationality	Montenegrin
Date of birth	22.09.1975.
Sex	Female

Occupational field

Technology of water and wastewater; Water and wastewater management, Environmental pollution and protection

Work experience

Name and address of employer: **University of Montenegro (Faculty of Metallurgy and Technology), Cetinjska 2, 81000 Podgorica**

2020 - now **Associate professor** (Field of interest: Chemical engineering; Environmental protection engineering)
Teaching courses:
- Water technology, Unit operations I (Department of Chemical Technology);
- Water protection engineering, Water management (Department of Environmental protection);
- Water protection and quality (Faculty of Civil Engineering);
- Environmental protection (Faculty of Natural Sciences and Mathematics);
- Environmental protection, Technology and water quality control (Biotechnical faculty)

2015 - 2020 **Assistant professor**
Teaching courses:
- Water technology, Unit operations I (Department of Chemical Technology);
- Water protection engineering, Water management (Department of Environmental protection);
- Water protection and quality (Faculty of Civil Engineering);
- Environmental protection (Faculty of Natural Sciences and Mathematics);

2000 - 2015 **Teaching assistant** (Department of Chemical Technology and Environmental Protection)

2015-2021 **Coordinator of study programme Environmental Protection**

2021-2022 **Vice-Dean for Scientific, Research and International cooperation at the Faculty of Mettalurgy and Technology**

2023 - now **Member of the Quality System Management Committee, University of Montenegro**

2023 – now **Member of the Master Study Monitoring Committee, University of Montenegro**

2021– now	**Member of the Board of Directors of Institute for Medicines and Medical Devices of Montenegro (CInMED)**
Name and address of employer	**Institute of Hydrometeorology and Seismology, Montenegro**
1999-2000	Sector for water quality

Education

2009	**Doctor of science in the field of chemical technology (PhD)** (Title of thesis: *Management of wastewater on the example of coastal karst areat*) – Faculty of Metallurgy and Technology, University of Montenegro, University of Montenegro,
2004	**Master of Technological Sciences** (MSc) (Title of thesis: *Treatment of the aqueous phase of the red mud landfill from aluminum production for the purpose of recirculation*) – Faculty of Technology, University of Novi Sad
1999	Graduate engineer of Inorganic technology, Faculty of Metallurgy and Technology, University of Montenegro. "19. DECEMBAR" award for the best student on Faculty of Metallurgy and Technology for the academic year 1994/95
1994	Gymnasium "Slobodan Škerović", Podgorica

Trainings

- National expert for UNIDO-cleaner production
- Consultant for the development of documentation and implementation of QMS (Quality Management System) according to the requirements of the ISO 9001:2008 standard, EMS (Environmental Protection Management System) according to the requirements of the ISO 14001:2004 standard and FSMS (Food Safety Management System) according to the requirements of the ISO 22000:2005 standard.
- Consultant for the implementation of the HACCP system.

Personal skills and competences

Mother tongue(s) **Montenegrin**

Other language(s) **English**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Speech production	
B2	B2	B2	B2	B2

Participation in projects

- National Project "Civil society organizations as effective actors in the decision-making process", 2021 – 2022.
- National scientific Project "New materials based on waste from the steel industry (NEWMAT)", Funded by Montenegrin Ministry of Sciences, 2018-2019.
- International project "Joint Action for sea Pollution Prevention - JASPPer", 2014-2015.
- National scientific Project ″Examining the possibility of obtaining building materials based on white bauxite, fly ash and slag″, Funded by Montenegrin Ministry of Sciences, 2012-2014

Computer skills and competences

Matlab
Microsoft Office

Driver licence B

List of most important references

Papers in SCI/SCIE:

1. **Tadić M**., Nikolić I., Cupara N., Đurović D., Milašević I. (2023), Strontium removal from aquatic solution using EAF slag: kinetic, equilibrium and thermodynamic approach, Desalination and Water Treatment, 294, pp. 139-148, ISSN Print 1944-3994, ISSN Online 1944-3986
2. **Tadić, M**., Bigović, M., Đurović, D., Jakić, M., Nikolić, I., (2021), Simultaneous Removal of Cu^{2+}, Zn^{2+} and Cd^{2+} from Aqueous Solutions by Alkali Activated Slag, Periodica Polytechnica Chemical Engineering, 65(3), pp. 389–399,
3. Nikolić I., Đurović, D., **Tadić, M.**, Radmilović, V.V., Radmilović, V.R., (2020), Adsorption kinetics, equilibrium, and thermodynamics of Cu^{2+} on pristine and alkali activated steel slag, Chemical Engineering Communications, Vol. 207, No.9, pp.1278-1297.
4. **Tadić, M.,** Filipović, S., (2018), Application of neural networks in wastewaters management in a coastal karst area, Fresenius Environmental Bulletin (FEB), Vol. 27, No.12B, pp. 9535-9541.
5. Nikolić, I., **Tadić, M**., Janković-Častvan, I., Radmilović, V. V., Radmilović, V.R., (2018), Durability of alkali activated slag in a marine environment: Influence of alkali ion, Journal of the Serbian Chemical Society, Vol. 83, No. 10, pp.1143–1156.
6. Nikolić, I., **Tadić, M**., Đurović, D., Zejak, R., Mugoša, B., (2015), Stabilization/solidification of spent grit in the fly ash based geopolymers, Environmental protection engineering, 41(2), pp. 5-14.
7. Nikolić, I., Đurović, D., Zejak, R., Karanović, Lj., **Tadić, M**., Blečić, D.,, Radmilović V. R., (2013), Compressive strength and hydrolytic stability of fly ash based geopolymers, Journal of Serbian Chemical Society, Vol. 78, No. 6, pp. 851–863.
8. **Tadić, M.,** Filipović, S., (2011), Basin water management in the coastal karst area, Polish Journal of Environmental Studies, Vol. 20, No.2, pp.461-467.
9. **Tadić M.,** Filipović S., (2008), Sodium Chloride as an Estimation Indicator of Ground Waters Pollutant Load from Land Surfaces of Coastal Karst, Research Journal of Chemistry and Environment, Vol.12, No. 4, pp. 59-64.

List of most important references

Other papers

1. **Tadić M.,** Nikolić I., Đurović D., Cupara N., Vuković J., "Trihalomethanes content in hotel's swimming pools water in a south of Montenegro", 31st International Conference Ecological Truth and Environmental Research EcoTER '24, 18–21 June 2024, Sokobanja, Serbia. pp. 61-65. ISBN 978-86-6305-152-2
2. **Tadić M**., Nikolić I., Đurović D., Vuković J., Cupara N., "Children health risk assesment of trihalomethanes content in hotel's swimming pools water in Montenegro", 31st International Confrence Ecological Truth and Environmental Research EcoTER'24, 18–21 June 2024, Sokobanja, Serbia. pp. 515-519. ISBN 978-86-6305-152-2
3. **Tadić M**., Nikolić I., Cupara N., Đurović D., Vuković J., "Physico-chemical properties of hotel's swimming pools water in coastal area of Montenegro", III International Conference on Advances in Science and Technology - COAST, 29 May-01 June 2024, Herceg Novi, Montenegro. pp. 120-125. ISBN 978-9940-611-08-8
4. **Tadić M.,** Nikolić I., Đurović D., Cupara N., Milašević I., "Kinetic and thermodynamic aproach of strontium adsorption onto electric arc furnace slag", XII International Conference Industrial Engineering and Environmental Protection 2022 (IIZS 2022), October 06-07, 2022, Zrenjanin, Serbia. pp. 278-282. ISBN 978-86-7672-360-7
5. **Tadić M.**, Nikolić I., Đurović D., Cupara N., Milašević I., "Industrijski otpad kao novi adsorbens za uklanjanje Cu^{2+} iz vodenih rastvora", Proceedings X International Conference on Social and Technological Development, 03-06 jun 2021, Trebinje, Republika Srpska. pp.102-106. ISBN 978-99955-40-55-5
6. **Tadić M.,** Nikolić I., Laković D., Đurović D., Cupara N., "Modified fly ash as a new adsorbent for Cu^{2+} removal from aquatic solutions", Proceedings 28th International Conference Ecological Truth and Environmental Research - EcoTER'20, 16-19 June 2020, Kladovo, Serbia. pp. 193-197. ISBN 978-86-6305-104-1
7. **Tadić M**., Sekulić G., Filipović S., "Influence of pollutansts from basin area on the quality of Skadar lake water", International Journal for Quality Research, (2010),Volume 4, Number 3, p. 233-239,. ISSN 1800-6450. 4 4 6.
8. **Tadić M.,** Đurović D., Mugoša B., Nikolić I., "Fly ash based geopolymers as potential adsorbent for copper removal from aquatic solutions", International Journal of Ecosystems and Ecology Science (IJEES), (2013), Volume 3/2, p. 219-222, ISSN 2224- 4980
9. **Tadić M.,** Đurašković P., "Aspects of the impact of municipal wastewaters on the quality of marine ecosystems", Journal of Water Sciences & Environment Technologies, JOWSET, (02), N°02, 2018 397-401, ISSN: 2508-9250
10. Nikolić I., Đurović D., **Tadić M**., Milašević I., "The kinetics of Cu removal from aquatic solutions using the electric arc furance slag", V International Congress "Engineering, Environment and Materials in Processing Industry", 15-17 March, 2017, Jahorina, Republic of Srpska Bosnia and Herzegovina. p. 248-254.
11. Nikolić I., **Tadić M.,** Milašević I., Djurović D., Kazi Z., Vujić B., "Bauxite based geopolymer as a novel adsorbent for heavy metals removal from aquatic solutions", 5 th International Conference "Ecology of Urban Areas 2016", 30 th September 2016, Zrenjanin, Serbia.pp.129-132. ISBN: 978-86-7672-291-4
12. **Tadić M.**, Nikolić I., "Active VS passive system for tretaing acid mine drainage" Third International Symposium on Corrosion and Protection of Materials and Environment, 12-15. October 2016, Bar, Montenegro, p. 277-285. ISBN:978-9940- 9334-2-5
13. **Tadić M.,** "Winery wastewater" Third International Symposium on Corrosion and Protection of Materials and Environment, 12-15. October 2016, Bar, Montenegro, p. 309-314. ISBN:978-9940-9334-2-5.
14. **Tadić M.,** Milašević I., Djurović D., Nikolić I., "Simultaneuos removal of Cu and Zn from aqueus solution with fly ash and bauxite based geopolymers" 48 th International October Conference on Mining and Metallurgy, 28 September –01 October, 2016, Bor, Serbia. p. 88-91. ISBN:978-86-6305-047-1
15. **Tadić M**., Đurašković P., "Influence of communal waste waters discharge on local sea ecosystem", 7th International Symposiumof Ecologist-ISEM7, October, 4-7, 2017, Sutomore, Montenegro. p.109-113. ISBN: 978-86-908743-6-1
16. Nikolić I., **Tadić M**., Đurović D., Milašević I., "Adsorption behaviour of Cu2+ onto original and modified electric arc furnace slag", 26th International Conference Ecological Truth and Environmental Research June, 12-15, 2018, Bor, Serbia. p.301- 305. ISBN: 978-86-6305-076-1
17. **Tadić M.,** Đurović D., Nikolić I., "Kinetic of Cu, Cd and Zn removal from aquatic solutions onto alkali activaetd slag: single- and multicomponent system", VI International Congress: Enginering, Environment and Materials in Processing Industry, Jahorina, 11-13. mart, 2019, p. 466-470. ISBN:978-99955-81-28-2