

Curriculum Vitae

Personal data:

**Name and surname:**

Tijana Milićević

Affiliation and institution:

Research Assistant, Environmental Physics Laboratory,
Institute of Physics Belgrade, University of Belgrade, Serbia

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Research Gate:

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Date and place of birth:

January 23, 1989, Kruševac, Serbia

Nationality:

Serbian

Research interests

- Environmental pollution monitoring (distribution, transformation and degradation of pollutants in the environment);
- Determination major and trace elements in the different samples from the environment;
- Investigating bioavailability of elements from soil to different parts of plants.
- Biomonitoring for studying and protection of the environment (characterisation and monitoring of the environmental quality with special reference to the active biomonitoring of atmospheric pollutants in the air of urban and agricultural areas)
- Application of instrumental methods in the analysis of samples from the environment (ICP-OES, ICP-MS, WD-XRF, SIRM)
- Environmental and human health risk assessment
- Implementation of environmental law in practice

Educational/professional training:

2014 – Started doctoral academic studies in Chemistry, Faculty of Chemistry, University of Belgrade, Serbia

2013 – 2014 Specialisation in the field of Ecological law, Faculty of Law, University of Belgrade, Serbia; final thesis: *Legal aspects of the forests protection and their impact on climate changes in Serbia*; (score of the final thesis 10/10)

2012 – 2013 MSc, Master academic studies in Chemistry, Faculty of Chemistry, University of Belgrade, Serbia; final thesis: *Comparison of different extraction procedures for isolating the elements that are bioavailable to plants*; (score of the final thesis 10/10)

2008 – 2012 BSc, Basic academic studies in Environmental Chemistry, Faculty of Chemistry, University of Belgrade, Serbia; final thesis: *Bioindicators of environmental pollution from the territory of Serbia – possible experiments*; (score of the final thesis 10/10)

Employment:

19th September 2017 – Research Assistant in Environmental Physics Laboratory, Institute of Physics Belgrade, University of Belgrade

01st June 2015 – 19th September 2017 Research Trainee in Environmental Physics Laboratory, Institute of Physics Belgrade, University of Belgrade

2013 – 2015 General project coordinator, Foundation Fund Ecotopia, First environmental Serbian foundation

Participation in projects:

2015 – Research Assistant on the project **Investigation of climate change and its influences on environment – Monitoring the Influences, Adaptations, and Offsets – III 43007**, Ministry of Education and Science of the Republic of Serbia

July – December 2014 Research Associate on the project **Biomonitoring of heavy metals in the air along the main roads of the Belgrade city**, supported by the company NIS Novi Sad and the City of Belgrade

2014 – Associate, production process presenter on the project **Plant Tour**, Coca – Cola Hellenic Bottling Company, Belgrade, Serbia

June – November 2014 Coordinator on the project **My city – Green city**, supported by the Secretariat for Environmental Protection, Belgrade

Grants, scholarships and awards:

July 2017 Scientific award for attending the 14th International Conference on the Biogeochemistry of Trace Elements ICOBTE sponsored by specific program of the Swiss National Science Foundation for conference grants for researchers working in Eastern European countries (SCOPE Grant)

January – April 2017 „Erasmus+“ grant for student mobility supported by European Commission

October 2013 – July 2014 Scholarship for the studies of innovation (specialization) of knowledge in the field of environmental law; Environmental fund “Ecotopia” and Faculty of law, Belgrade

Technical skills and competences:

- MS Office, Project Manager, SPSS software, Statistica
- Analytical techniques ICP-OES (inductively coupled plasma atomic emission spectrometry), ICP-MS (inductively coupled plasma mass spectrometry), WD-XRF spectrometer, Magnetic Susceptibility-meter, Magnetiser and magnetometer for Saturation Isothermal Remanent Magnetisation – SIRM analysis.

Other activities:

2013. Trainee, Coca-Cola Hellenic Bottling Company, Production sector (project “Determination of physicochemical parameters before and after wastewater treatment”)

2012 – 2013 Trainee, Foundation Fund “Ecotopia”, The first environmental Serbian foundation

2012. Member of Serbian Chemical Society

2015. Member of European Geoscience Union

2015. Member of “Scientific and professional association ‘ECOLOGOS’”, Belgrade, Serbia

1997 – 2004 English language course – Language centre (English school) “Summerhill” (<http://www.summerhill.rs/>)

Workshops:

2015. Project management – School “Obuke i kursevi” (<http://www.obukeikursevi.com/>)

2014. JEOL SEM and TEM microscopes – Workshop *SCAN d.o.o.*, Kranj, Slovenia and *JEOL S.A.S. (Europe)*

2013. Development of business competence – The Youth Offices Belgrade, Serbia

2013. Corporate communication – O&M Consulting (<http://www.odmconsulting.com/>)

2013. Presentation skills – Hart Consulting (<http://www.hart.rs/>)

2012. Business networking – PWC Consulting (<http://www.pwc.com/>)

Bibliography (relevant publications)

Scientific papers in international journals:

1. **Milićević T.**, Aničić Urošević M., Vuković G., Škrivanj S., Relić D., Frontasyeva M. V., Popović A., *Assessment of species-specific and temporal variations of major, trace and rare earth elements in vineyard ambient using moss bags*, *Ecotoxicology and Environmental Safety*, 2017, 144, 208–215 (**M21; IF: 3.743**)

2. **Milićević T.**, Relić D., Škrivanj S., Tešić Ž., Popović A., *Assessment of major and trace element bioavailability in vineyard soil applying different single extraction procedures and pseudo-total digestion*, *Chemosphere*, 2017, 171, 282–293. (**M21; IF: 4.208**)

3. Vuković G., Aničić Urošević M., Škrivanj S., **Milićević T.**, Dimitrijević D., Tomašević M., Popović A., *Moss bag biomonitoring of airborne toxic element decrease on a small scale: a street study in Belgrade, Serbia*, *Science of the Total Environment*, 2015, 542, 394 – 403. (**M21a; IF: 4.099**)

Book (Chapter):

1. **Tijana Milicević**, *Legal aspects of forest protection and their impact on climate change in the Republic of Serbia in Environmental protection in legislation and practice*, 51 – 60, Editor: Dr. Mirjana Drenovak Ivanovic, Publisher: Missions of the OSCE in Serbia.

International meetings (Proceedings):

1. Vuković G., Janković M., Aničić Urošević M., **Milićević T.**, Popović A., *Convergence chromatography as an emerging technique for determination of PAHs in biomonitors (poster presentation)*, The 6th International WeBIOPATR Workshop & Conference, September 6–8, 2017, 43.

2. **Milićević T.**, Relić D., Aničić Urošević M., Vuković G., Škrivanj S., Popović A., *Grapevine accumulation of potentially toxic elements from soil; Implications and health risk assessment (oral presentation)*, 15th International Conference on Environmental Science and Technology (CEST2017), August 31 – September 2, 2017, Rhodos, Greece, 1–5, CEST2017_00469.

3. **Milićević T.**, Relić D., Vuković G., Perišić M., Majstorović D., Aničić Urošević M., Popović A., *Survey of potentially toxic element pollution of the vineyard soil (poster presentation)*, 13th International Conference on Fundamental and Applied Aspects of Physical Chemistry, Physical Chemistry 2016, September 26 – 30, 2016, Belgrade, Serbia, Proceedings, 739 – 742.

4. Vuković G., Aničić Urošević M., Škrivanj S., **Milićević T.**, Dimitrijević D., Tomašević M., Popović A., *Upgrade of micro-scale siting of airborne toxic elements by moss bag technique: crossroad, two- and one-lane street study (poster presentation)*, The 5th International WeBIOPATR Workshop & Conference, October 14 – 16, 2015, Belgrade, Serbia, Proceedings, pp. 48 – 53.

International meetings (Book of abstracts):

1. **Milićević T.**, Aničić Urošević M., Relić D., Vuković G., Orlić J., Škrivanj S., Popović A., *Monitoring, environmental and health risk assessment of potentially toxic elements in the soil-plant system in vineyard area (oral and poster presentations)*, The International Conference on the Biogeochemistry of Trace Elements ICOBTE, ETH Zurich, Switzerland, July 16–20, 2017, p. 395.

2. **Milićević T.**, Relić D., Vuković G., Škrivanj S., Popović A., Aničić Urošević M., *Grapevine accumulation of potentially toxic elements from vineyard soil (poster presentation)*, 18th International Conference on Heavy Metals in the Environment, September 12 – 15, 2016, Ghent, Belgium, Book of abstracts, p. 415.

3. Aničić Urošević M., Vuković G., **Milićević T.**, Vergel K., Frontasyeva M., Tomašević M., Popović A., *Moss bag biomonitoring of airborne toxic element decrease on a small scale: crossroad and two - and one - lane street study (poster presentation)*, 29th ICP Vegetation Task Force Meeting, February 29 – March 4, 2016, Dubna, Russian Federation, Book of abstract, p. 40.

4. **Milićević T.**, Relić D., Popović A., *Determination of bioavailable macro- and microelements from agricultural soil using different extractants (poster presentation)*, Book of Abstracts, European Geoscience Union General Assembly, April 12 – 17, 2015, Vienna, Austria, Geophysical Research Abstracts, Vol. 17, EGU2015 – 1138

National meetings (Book of abstracts):

1. **Milićević T.**, Relić D., Popović A., *Correlation between macro- and microelements isolated from the vineyard soil by different extractant methods (poster presentation)*, 7th Symposium Chemistry and Environmental Protection, June 12 – 15, 2015, Palić, Serbia, Book of Abstracts, pp. 229 – 230.
2. **Milićević T.**, Relić D., Popović A., *Assesment of CH_3COOH , Na_2EDTA , $CaCl_2$, NH_4NO_3 and distilled water extraction procedures and microwave digestion for leaching of macro- and microelements from vineyard soil (poster presentation)*, 7th Symposium Chemistry and Environmental Protection, June 12 – 15, 2015, Palić, Serbia, Book of Abstracts, pp. 252 – 253.
3. Vuković G., Aničić M., **Milićević T.**, Tomašević M., Škrivanj S., Popović A., *Moss-bag biomonitoring of small-scale decline in toxic element content: crossroad, two- and one-lane street study (poster presentation)*, 7th Symposium Chemistry and Environmental Protection, June 12 – 15, 2015, Palić, Serbia, Book of Abstracts, pp. 192 – 193.