



CURRICULUM VITAE

DR. ZORAN MIJIC

PERSONAL DETAILS

Date and place of Birth: 15th August, 1976. Bijeljina, Bosnia and Herzegovina
Marital status: Married
Citizenship: Serbia
Work address: Institute of Physics Belgrade,
Pregrevica 118, 11080 Zemun, Serbia
Tel: (office) +381 11 3713004
Fax: (office) +381 11 3162190
Email: zoran.mijic@ipb.ac.rs
Web: www.envpl.ipb.ac.rs

EDUCATION

- 2011** PhD in Physics, Faculty of Physics, University of Belgrade
Dissertation: “Determination of physico-chemical characteristics and spatial-temporal distribution of tropospheric aerosols: lidar system and receptor modeling”
Supervisor: dr Mirjana Tasic
- 2006** MSc in Physics, Faculty of Physics, University of Belgrade
Thesis: “PM mass concentration analysis and emission sources contribution assessment using statistical modelling”
Supervisor: dr Mirjana Tasic
- 2003** BSc in Physics, Faculty of Physics, University of Belgrade

HONORS AND AWARDS

- 2006 “Ljubomir Cirkovic” award for the best MSc thesis for the year 2006/2007
Faculty of Physics, University of Belgrade

PROFESSIONAL POSITION

- 2017 - Associate Research Professor, Institute of Physics Belgrade
2016 - Head of Environmental Physics Laboratory, Institute of Physics Belgrade
2013 - Assistant Professor, Faculty of Technical Sciences, Singidunum University, Belgrade

2011 - 2017 Assistant Research Professor, Institute of Physics Belgrade
2006 - 2011 Research assistant, Institute of Physics Belgrade
2003 - 2006 Research trainee, Institute of Physics Belgrade

RESEARCH INTERESTS

- Statistical modelling in atmospheric physics
- Multivariate receptor modelling
- Ground-based remote sensing for retrieval of the atmospheric composition (aerosol optical properties)
- Aerosol physical and chemical characterization and climatic role

PROFESSIONAL ACTIVITIES

- Head of the Environmental Physics Laboratory, IPB
- Serbian Manager Committee Member Substitute for the COST Action CA16202 “International Network to Encourage the Use of Monitoring and Forecasting Dust Products”
- Member of the scientific committee The Sixth International WeBIOPATR Workshop and Conference Particulate Matter: Research and Management (WeBIOPATR2017), Belgrade, Serbia, 6-8. September, 2017.
- Member of the scientific committee The Fifth International WeBIOPATR Workshop and Conference Particulate Matter: Research and Management (WeBIOPATR2015), Belgrade, Serbia, 14-16. October, 2015.
- Member of the scientific committee The Fourth International WeBIOPATR Workshop and Conference Particulate Matter: Research and Management (WeBIOPATR2013), Belgrade, Serbia, 2-4. October, 2013.
- Member of the organizing committee 18th International Conference on Photoacoustic and Photothermal Phenomena (ICPPP18), Novi Sad, Serbia, 1. - 6. September 2015.
- Reviewer in scientific journals (*Atmospheric Environment, Atmospheric Pollution Research, Science of the Total Environment, Environmental Pollution, Air Quality, Atmosphere and Health, Journal of Cleaner Production*)
- Principal investigator of Belgrade EARLINET joining station
- Member of Serbian Physical Society

TEACHING EXPERIENCE

- Faculty of Technical Sciences, Singidunum University, Belgrade, Assistant Professor for Physics
- **Doctoral Students Advised**
Andreja Stojic “Spatio-temporal Distribution of Volatile Organic Compounds and Aerosols in Troposphere: Lidar and Mass Spectrometry”, Faculty of Physics, University of Belgrade, 2015.
- Member of Serbian Physical Society Committee for High School competition in Physics

PARTICIPATION IN RESEARCH PROJECTS AND RELATED ACTIVITIES

- 2016 - 2018. GEO-CRADLE (Coordinating and integRating state-of-the-art Earth Observation Activities in the regions of North Africa, Middle East, and Balkans and Developing Links with GEO related initiatives towards GEOSS), the European Union's Horizon 2020 research and innovation programme under grant agreement No 690133. (*Principal Investigator for IPB*)
- 2015 - 2019. ACTRIS-2 Integrated Activities (IA). ACTRIS-2 has received funding from the European Union's Horizon 2020 research and innovation programme (grant agreement No 654109). (*Principal Investigator for IPB*)
- 2017 – 2021 International Network to Encourage the Use of Monitoring and Forecasting Dust Products, COST Action CA16202, European Cooperation in Science and Technology
- 2011 – 2017 Investigation of Climate Change and Its Influences on Environment: Monitoring the Influences, Adaptations, and Offsets. Serbian Ministry of Education and Science, national research project III43007. (*subproject coordinator*)
- 2011 – 2017 Application of Low Temperature Plasmas in Biomedicine, Environmental Protection and Nanotechnologies. Serbian Ministry of Education and Science, national research project III41011
- 2011 - 2015. ACTRIS (Aerosols, Clouds, and Trace gases Research InfraStructure Network). ACTRIS is funded within the EC 7th Framework Programme under "Research Infrastructures for Atmospheric Research". (*Principal Investigator for IPB*)
- 2015 - 2016. iSPEX-EU. iSPEX-EU is part of LIGHT2015, a project funded through the European Union's Horizon 2020 research and innovation programme under grant agreement No 644964.
- 2006 - 2009. IPB-CNP Reinforcing Experimental Centre for Non-equilibrium Studies with Application in Nano-technologies, Etching of Integrated circuits and Environmental Research, the EC 6th Framework Programme.
- 2006 – 2009. European Network of Excellence "Atmospheric Composition Change" ACCENT, the EC 6th Framework Programme

- 2008 - 2009 Development of Complementary Photothermal and Optical Spectroscopy Methods and Techniques. Bilateral Serbia-Slovenia research project
- 2006 - 2007 Laser Based Techniques for Aerosol Sensing and Investigation of Greenhouse Gasses. Bilateral Serbia-Slovenia research project
- 2005 – 2010 Emission and Transmission of Pollutants in an Urban Atmosphere. Serbian Ministry of Education and Science, national research project 141012
- 2005 – 2008 Remote Sensing With LIDAR. Serbian Ministry of Education and Science, national technology project TD7002
- 2003 – 2005 Air Quality Studies in Urban Areas: Heavy Metals, Radionuclides and Their Interactions in the Atmosphere. Serbian Ministry of Education and Science, national research project 1449.

PUBLICATIONS

Book chapter

1. Stojić, S. Stanišić Stojić, **Z. Mijić**, L. Ilić, M. Tomašević, Marija Todorović, and Mirjana Perišić (2015). Comprehensive Analysis of VOC Emission Sources in Belgrade Urban Area, In: Urban and Built Environments: Sustainable Developments, Health Implications and Challenges, Editor: Alexis Cohen, Nova Science Publishers, NY, USA, pp. 55-87,
ISBN: 978-1-63483-117-8
https://www.novapublishers.com/catalog/product_info.php?products_id=55296&osCsid=02f84bd86252250cc78d9293d753be8b
2. Tomašević, M., **Z. Mijić**, M. Aničić, A. Stojić, M. Perišić, M. Kuzmanoski, M. Todorović, and S. Rajšić (2013). Air Quality Study in Belgrade: Particulate Matter and Volatile Organic Compounds as Threats to Human Health, In: Air Pollution: Sources, Prevention and Health Effects, Editor: Rajat Sethi, Nova Science Publishers, NY, USA, pp. 315-346,
ISBN: 978-1-62417-735-4
https://www.novapublishers.com/catalog/product_info.php?products_id=38962&osCsid=cc956b5e1008d06c56c891f47982d91c
3. Aničić M., **Z. Mijić**, M. Kuzmanoski, A. Stojić, M. Tomašević, S. Rajšić, and M. Tasić (2012). A Study of Airborne Trace Elements in Belgrade Urban Area: Instrumental and Active Biomonitoring Approach, In: Trace Elements: Environmental Sources, Geochemistry and Human Health, Editors: Diego Alejandro De Leon and Paloma Raquel Aragon, Nova Science Publishers, NY, USA, pp.1-30.
ISBN: 978-1-62081-401-7
https://www.novapublishers.com/catalog/product_info.php?products_id=30058&osCsid=cc956b5e1008d06c56c891f47982d91c
4. **Zoran Mijić**, Andreja Stojić, Mirjana Perišić, Slavica Rajšić and Mirjana Tasić (2012).

- In: Air Quality - New Perspective, Statistical Character and Transport Pathways of Atmospheric Aerosols in Belgrade, pp. 199 - 226, Editors: Gustavo Lopez Badilla, Benjamin Valdez and Michael Schorr, Published by InTech, ISBN: 978-953-51-0674-6.
<http://www.intechopen.com/books/air-quality-new-perspective/statistical-character-and-transport-pathways-of-atmospheric-aerosols-in-belgrade>
5. **Zoran Mijić**, Slavica Rajšić, Andrijana Žekić, Mirjana Perišić, Andreja Stojić and Mirjana Tasić (2010). Characteristics and application of receptor models to the atmospheric aerosols research, Book chapter in Air quality edited by Ashok Kumar, pp. 143-167. ISBN 978-953-307-131-2.
<http://www.intechopen.com/books/air-quality/characteristics-and-application-of-receptor-models-to-the-atmospheric-aerosols-research>
 6. Mirjana Tasić, Slavica Rajšić, Milica Tomašević, **Zoran Mijić**, Mira Aničić, Velibor Novaković, Dragan M Marković, Dragan A Marković, Lazar Lazić, Mirjana Radenković, Jasminka Joksić (2008). Assessment of Air Quality in an Urban Area of Belgrade, Serbia, In: Environmental technologies, New Developments, Edited by E. Burcu Ozkaraova Gungor, I-Tech Education and Publishing, Vienna, Austria, ISBN 978-3-902613-10-3, pp. 209-244.
http://www.intechopen.com/books/environmental_technologies/assessment_of_air_quality_in_an_urban_area_of_belgrade_serbia

Publications in international peer reviewed journals

1. L. Ilić, M. Kuzmanoski, P. Kolarž, A. Nina, V. Srećković, Z. Mijić, J. Bajčetić, M. Andrić. (2017). Changes of atmospheric properties over Belgrade, observed using remote sensing and in situ methods during the partial solar eclipse of 20 March 2015 Journal of Atmospheric and Solar-Terrestrial Physics, (in press)
[doi:10.1016/j.jastp.2017.10.001](https://doi.org/10.1016/j.jastp.2017.10.001)
2. Šoštarić A., Stanišić Stojić S., Vuković G., Mijić Z., Stojić A., Gržetić I. (2017). Rainwater capacities for BTEX scavenging from ambient air Atmospheric Environment, 168, 46-54.
[doi:10.1016/j.atmosenv.2017.08.045](https://doi.org/10.1016/j.atmosenv.2017.08.045)
3. Perišić M, Rajšić S, Šoštarić A, **Mijić Z**, Stojić A., (2017) Levels of PM₁₀ bound species in Belgrade, Serbia: spatio-temporal distributions and related human health risk estimation Air Quality, Atmosphere & Health, 10(1), 93-103.
[doi:10.1007/s11869-016-0411-6](https://doi.org/10.1007/s11869-016-0411-6)
4. Lazić L., Urošević M.A., **Mijić Z.**, Vuković G., Ilić L. (2016). Traffic contribution to air pollution in urban street canyons: Integrated application of the OSPM, moss biomonitoring and spectral analysis

- Atmospheric Environment, 141, 347-360.
[doi:10.1016/j.atmosenv.2016.07.008](https://doi.org/10.1016/j.atmosenv.2016.07.008)
5. Stojić, A., Stanišić Stojić, S., Reljin, I., Čabarkapa, M., Šoštarić, A., Perišić, M., **Mijić, Z.** (2016). Comprehensive analysis of PM₁₀ in Belgrade urban area on the basis of long term measurements.
Environmental Science and Pollution Research, 23, 10722-10732
[doi:10.1007/s11356-016-6266-4](https://doi.org/10.1007/s11356-016-6266-4)
 6. Stojić, A., Maletić, D., Stojić, S. S., **Mijić, Z.**, Šoštarić, A. (2015). Forecasting of VOC emissions from traffic and industry using classification and regression multivariate methods, Science of the Total Environment, 521-522, 19-26.
[doi:10.1016/j.scitotenv.2015.03.098](https://doi.org/10.1016/j.scitotenv.2015.03.098)
 7. Stojić, A., Stojić, S. S., **Mijić, Z.**, Šoštarić, A., Rajšić, S. (2015). Spatio-temporal distribution of VOC emissions in urban area based on receptor modeling.
Atmospheric Environment, 106, 71-79.
[doi:10.1016/j.atmosenv.2015.01.071](https://doi.org/10.1016/j.atmosenv.2015.01.071)
 8. Stojić, A., Stanišić Stojić, S., Šoštarić, A., Ilić, L., **Mijić Z.**, Rajšić S. (2015). Characterization of VOC sources in urban area based on PTR-MS measurements and receptor modelling.
Environmental Science and Pollution Research, 22, 13137-13152.
[doi:10.1007/s11356-015-4540-5](https://doi.org/10.1007/s11356-015-4540-5)
 9. Perišić, M., Stojić, A., Stojić, S. S., Šoštarić, A., **Mijić, Z.**, Rajšić, S. (2015). Estimation of required PM₁₀ emission source reduction on the basis of a 10-year period data.
Air Quality, Atmosphere & Health, 8, 379-389.
[doi:10.1007/s11869-014-0292-5](https://doi.org/10.1007/s11869-014-0292-5)
 10. Marija N. Todorović, Mirjana D. Perišić, Maja M. Kuzmanoski, Andreja M. Stojić, Andrej I. Šoštarić, **Zoran R. Mijić** and Slavica F. Rajšić (2015) Assessment of PM₁₀ pollution level and required source emission reduction in Belgrade area.
Journal of Environmental Science and Health Part A, 50(13), 1351-1359.
[doi:10.1080/10934529.2015.1059110](https://doi.org/10.1080/10934529.2015.1059110)
 11. **Mijić, Z.**, Stojić, A., Perišić, M., Rajšić, S., Tasić, M. (2012). Receptor modeling studies for the characterization of PM₁₀ pollution sources in Belgrade.
Chemical Industry and Chemical Engineering Quarterly, 18(4-2), 623-634.
[doi: 10.2298/CICEQ120104108M](https://doi.org/10.2298/CICEQ120104108M)
 12. **Mijić, Z.**, Stojić, A., Perišić, M., Rajšić, S., Tasić, M., Radenković, M., Joksić, J. (2010). Seasonal variability and source apportionment of metals in the atmospheric deposition in Belgrade.
Atmospheric Environment, 44(30), 3630-3637.
[doi:10.1016/j.atmosenv.2010.06.045](https://doi.org/10.1016/j.atmosenv.2010.06.045)
 13. M. Aničić, M. Tasić, M.V. Frontasyeva, M. Tomašević, S. Rajšić, **Z.Mijić**, A. Popović, (2009). Active Moss Biomonitoring of Trace Elements with *Sphagnum girgensohnii* Moss Bags in Relation to Atmospheric Bulk Deposition in Belgrade, Serbia,
Environmental Pollution 157 (2), 673-679.
[doi:10.1016/j.envpol.2008.08.003](https://doi.org/10.1016/j.envpol.2008.08.003)

14. **Zoran Mijić**, Mirjana Tasić, Slavica Rajšić, Velibor Novaković, (2009). The statistical characters of PM₁₀ in Belgrade area, Atmospheric Research, 92 (4), 420-426.
[doi:10.1016/j.atmosres.2009.01.002](https://doi.org/10.1016/j.atmosres.2009.01.002)
15. Slavica Rajšić, **Zoran Mijić**, Mirjana Tasić, Mirjana Radenković and Jasminka Joksić, (2008). Evaluation of the levels and sources of trace elements in urban particulate matter, Environmental Chemistry Letters, 6(2), 95-100.
[doi:10.1007/s10311-007-0115-0](https://doi.org/10.1007/s10311-007-0115-0)
16. Dragan M. Marković, Dragan A. Marković, Anka Jovanović, Lazar Lazić, **Zoran Mijić**, (2008), Determination of O₃, NO₂, SO₂, CO and PM₁₀ measured in Belgrade urban area, Environmental Monitoring and Assessment 145 (1), 349–359.
[doi:10.1007/s10661-007-0044-1](https://doi.org/10.1007/s10661-007-0044-1)
17. Tasić M., Đurić-Stanojević B., Rajšić S.F., **Mijić Z.**, Novaković V.T., (2006) Physico-chemical Characterization of PM₁₀ and PM_{2.5} in the Belgrade Urban Area, Acta Chimica Slovenica 53, 401-405.
18. M.D.Tasić, S.F.Rajšić, V.T.Novaković. **Z.R.Mijić**, M.N.Tomašević, (2005). PM₁₀ and PM_{2.5} Mass Concentration Measurements in Belgrade Urban Area, Physica Scripta, Vol.T118, 29-30.

Publications in international conference proceedings

1. **Zoran Mijić**, Luka Ilić, Maja Kuzmanoski, Raman lidar for atmospheric aerosol profiling in Serbia, 49th International October Conference on Mining and Metallurgy, Proceedings, pp. 65-68, October 18-21, 2017. Bor Lake, Serbia.
2. **Zoran Mijić**, Mirjana Perišić, Luka Ilić, Andreja Stojić, Maja Kuzmanoski, Air mass transport over Balkan region identified by atmospheric modeling and aerosol lidar technique, 49th International October Conference on Mining and Metallurgy, Proceedings, pp. 69-72, October 18-21, 2017. Bor Lake, Serbia.
3. Kuzmanoski M., L. Ilić, **Z. Mijić**, Aerosol remote sensing study of a Saharan dust intrusion episode in Belgrade, Serbia, XIX International Eco-conference, Environmental protection of urban and suburban settlements, Proceedings, pp. 73-81. September 23-25, 2015. Novi Sad, Serbia.
4. **Mijić Z.**, M. Perišić, A. Stojić, M. Kuzmanoski, L. Ilić, Estimation of atmospheric aerosol transport by ground-based remote sensing and modeling, XIX International Eco-conference, Environmental protection of urban and suburban settlements, Proceedings, pp. 375-382. September 23-25, 2015. Novi Sad, Serbia.
5. Šoštarić, A. Stojić, S. Stanišić Stojić and **Z. Mijić**, Traffic-related VOC dynamics in Belgrade urban area, Physical Chemistry 2014: proceedings. Vol. 1. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 22-26, 2014, Belgrade, Serbia, pp. 945-948.

6. S. Stanišić Stojić, Šoštarić, A. **Z. Mijić**, M. Perišić, The contribution of chemical industry to ambient VOC levels in Belgrade, *Physical Chemistry 2014: proceedings*. Vol. 1. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 22-26, 2014, Belgrade, Serbia, pp. 949-952.
7. Šoštarić, M. Perišić, A. Stojić, **Z. Mijić** and S. Rajšić, Dynamics of gaseous pollutants in Belgrade urban area, *Physical Chemistry 2014: proceedings*. Vol. 1. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 22-26, 2014, Belgrade, Serbia, pp. 953-956.
8. M. Perišić, **Z. Mijić**, A. Stojić, Frequency analysis of PM10 time series and assessing source reduction for air quality compliance in Serbia, *Proceedings from the 4th WeBIOPATR Workshop Conference, 4th WeBIOPATR2013*, October 2-6, Belgrade, Serbia, pp. 64-68, 2013.
9. Šoštarić, M. Perišić, A. Stojić, **Z. Mijić**, S. Rajšić, M. Tasić, The influence of air mass origin and potential source contributions on PM10 in Belgrade, *Proceedings from the 4th WeBIOPATR Workshop Conference, 4th WeBIOPATR2013*, October 2-6, 2013, Belgrade, Serbia, pp.39-43.
10. Mirjana Perišić, Andreja Stojić, **Zoran Mijić**, Marija Todorovic and Slavica Rajšić, Source apportionment of ambient VOCs in Belgrade semi-urban area, *6th International Conference on Proton Transfer Reaction Mass Spectrometry and Its Application, Book of Contributions*, 2013, Innsbruck, Austria, pp. 204-208.
11. Andreja Stojić, Mirjana Perišić, **Zoran Mijić**, Slavica Rajšić, Ambient VOCs measurements in winter: Belgrade semi-urban area, *5th International Conference on Proton Transfer Reaction Mass Spectrometry and Its Application, Book of Contributions*, 2011, Innsbruck, Austria, pp. 248-251.
12. M. Perišić, **A. Stojić**, S. Rajšić and Z. Mijić: Assessment of VOCs concentrations in Belgrade semi-urban area, *Proceedings of the 10th International Conference of Fundamental and Applied aspects of Physical Chemistry*, September 21-24, 2010, Belgrade, Serbia, pp. 579-581.
13. A. Stojić, S. Rajšić, M. Perišić, **Z. Mijić**, M. Tasić, Assessment of ambient VOCs levels in Belgrade semiurban area, *4th International Conference on Proton Transfer Reaction Mass Spectrometry and its Applications*, IUP Innsbruck University Press, Conference Series, Eds. Tilmann D. Mark, Birgit Holzner, Contributions, February 16-21, 2009, Obergurgl, Austria, pp. 289- 293.
14. Tasić, M., **Mijić, Z.**, Rajšić, S., Stojić, A., Radenković, M., & Joksić, J. Source apportionment of atmospheric bulk deposition in the Belgrade urban area using positive matrix factorization. In *Journal of Physics: Conference Series*, IOP Publishing, April, 2009, Vol. 162, No. 1, pp. 012018.
15. M. Tasić, S. Rajšić, V. Novaković and **Z. Mijić**, An assessment of air quality in Belgrade urban area: PM10, PM2.5 and trace metals, *Workshop on Nonequilibrium Processes in Plasma Physics and Studies of the Environment*, IOP Publishing, *Journal of Physics: Conference Series* 71 (2007) 13 pp, 012016

16. **Zoran Mijić**, Lazar Lazić, Slavica Rajšić, Mirjana Tasić and Velibor Novaković, Air Back Trajectories Analysis for High PM Concentration Episodes, The Changing Chemical Climate of the Atmosphere, 1st Accent Symposium, Urbino, September 12-16 (2005), Proceedings, editors: Sandro Fuzzi, Michela Maione, 1st edition: November 2006, CD, ISBN 88-548-0851-2
17. M.D.Tasić, **Z.R.Mijić**, D.S.Đorđević, D.J.Radmanović, V.T.Novaković, M.N.Tomašević, Atmospheric deposition of heavy metals in Belgrade urban area, Proceedings Of The 7th International Conference on Fundamental and Applied Aspects of Physical Chemistry, pg. 640-642; Belgrade, (2004)
18. M.D.Tasić,S.F.Rajšić, V.T.Novaković, **Z.R.Mijić**, M.N.Tomašević, Particulate matter mass concentrations in the ambient air of Belgrade, Proceedings Of The 7th International Conference on Fundamental and Applied Aspects of Physical Chemistry, pg. 643-645; Belgrade, (2004)
19. M.D.Tasić, S.F.Rajšić, V.T.Novaković, **Z.R.Mijić**, and M.N.Tomašević, Characterization of PM₁₀ and PM_{2.5} particulate matter in the ambient air of Belgrade, Fifth Balkan Physics Union Conference (BPU-5), Vrnjacka Banja, Serbia and Montenegro, (2003), CD r.

Publications in international conference book of abstracts

1. M. Kuzmanoski, L. Ilić, M. Todorović, **Z. Mijić**, A study of a dust intrusion event over Belgrade, Serbia, The sixth international WeBIOPATR workshop and conference Particulate Matter: Research and Management, Abstracts of keynote invited lectures and contributed papers, pp.36, September 6-8th, 2017, Belgrade, Serbia.
2. M. Perišić, G. Vuković, **Z. Mijić**, A. Šoštarić, A. Stojić, Relative importance of gaseous pollutants and aerosol constituents for identification of PM₁₀ sources of variability, The sixth international WeBIOPATR workshop and conference Particulate Matter: Research and Management, Abstracts of keynote invited lectures and contributed papers, pp.37, September 6-8th, 2017, Belgrade, Serbia
3. Stojić, S. Stanišić Stojić, M. Perišić, **Z. Mijić**, Multiscale multifractal analysis of nonlinearity in particulate matter time series, The sixth international WeBIOPATR workshop and conference Particulate Matter: Research and Management, Abstracts of keynote invited lectures and contributed papers, pp.40, September 6-8th, 2017, Belgrade, Serbia.
4. **Z. Mijić**, L. Ilić, M. Kuzmanoski, Vertical raman lidar profiling of atmospheric aerosol optical properties over Belgrade, Book of abstracts PHOTONICA2017 The Sixth International School and Conference on Photonics, 28 August – 1 September 2017, Belgrade, Serbia, pp. 210.
5. L. Ilić, M. Kuzmanoski, **Z. Mijić**, Planetary boundary layer and elevated aerosol layer height estimation from lida signal in Belgrade, Proceedings of the 5th International WeBIOPATR Workshop & Conference, Particulate Matter: Research and Management, Public Health Institute of Belgrade, 14-16 October 2015, Belgrade Serbia.

6. M. Perišić, A. Stojić, M. Todorović, **Z. Mijić**, A. Šoštarić, Transport contribution to PM_{2.5} mass concentration in Belgrade sub-urban area, Proceedings of the 5th International WeBIOPATR Workshop & Conference, Particulate Matter: Research and Management, Public Health Institute of Belgrade, 14-16 October 2015, Belgrade Serbia.
7. Lazar Lazić, Mira Aničić, Gordana Vuković, Mirjana Tasić, Slavica Rajšić and **Zoran Mijić**, Modelling of local traffic contributions to particulate air pollution in Belgrade street canyons using WinOSPM model, Urban Environmental Pollution – Create healthy, liveable cities, 17-20 June, (2012), Amsterdam, The Netherlands, CD-P2.112. <http://www.uepconference.com/>
8. **Z. Mijić**, M. Tasic, S. Rajšić, A. Stojic, Receptor modeling studies for the characterization of PM₁₀ pollution sources in Belgrade, Proceedings of the 3rd International WeBIOPATR Workshop & Conference, CD, 15-17 November, 2011, Belgrade, Serbia.
9. **Z. Mijić**, M. Kuzmanoski, A. Stojic, A. Žekic, S. Rajšić, M. Tasic, Investigation of regional transport and health risk effects of metals in PM_{2.5} air particulate matter in Belgrade, Proceedings of the 3rd International WeBIOPATR Workshop & Conference, CD, 15-17 November, 2011, Belgrade, Serbia.
10. A. Stojic, M. Perišić, **Z. Mijić**, S. Rajšić, D. Ristic, Ambient VOCs measurement in Belgrade semi-urban area: winter case study, EUROanalysis, The 16th European conference on analytical chemistry Challenges in modern analytical chemistry, September 11-15, 2011, Belgrade, Serbia.
11. Mirjana Perišić, Andreja Stojic, **Zoran Mijić** and Slavica Rajšić, Source apportionment of volatile organic compounds in Belgrade semi-urban area, Book of Abstracts, 11th European Meeting on Environmental Chemistry EMEC 11, Portoroz, December 8-11, 2010, Slovenia, pp. 232.
12. A. Stojic, M. Perišić, **Z. Mijić**, S. Rajšić and D. Ristić, Ambient VOCs Measurement In Belgrade Semi-Urban Area Using Proton Transfer Reaction Mass Spectrometer, 1st Center of Excellence for Food Safety and Emerging Risk (CEFSEER) Workshop "Regional perspectives in food safety", 12th Danube-Kris-Mures-Tisa (DKMT) Euroregion Conference on Food, Environment and Health, CD Book of Abstracts, Faculty of Technology, University of Novi Sad, September 2010, Novi Sad, Serbia.
13. Andreja Stojic, Mirjana Perišić, **Zoran Mijić**, Slavica Rajšić, Proton Transfer Reaction Mass Spectrometry: Ambient Air VOCs Measurement In Belgrade Semi-urban Area, 20th ESCAMPIG, July, 2010, Novi Sad, Serbia.
14. A. Stojić, M. Nešić, **Z. Mijić**, V. Novaković, S. Rajšić, M. Tasić, Heavy metal concentrations in street dust and soils adjacent to roads in Belgrade, Serbia, 9th Highway and Urban Environment Symposium, Books of abstracts, June, 9-11, 2008, Madrid, Spain, pp. 87.
15. M. Nešić, A. Stojic, **Z. Mijić**, V. Novakovic, S. Rajšić, First results of outdoor and indoor VOCs measurements using PTR-MS in Belgrade, Serbia, 8th European Meeting on Environmental Chemistry (EMEC8), Book of abstracts, December 5-8, 2007, Inverness, Scotland, pp. 37.

16. Slavica Rajšić, **Zoran Mijić**, Mirjana Tasić, Mirjana Radenković, Jasminka Joksić, Source identification of trace elements in urban particulate matter, The First International WeBIOPATR Workshop: Particulate Matter: Research and Management, Book of extended abstracts pg.50-53, Belgrade, 20-22 May (2007).
17. Nesic Mirjana, Stojic Andreja, **Mijic Zoran**, Novakovic Velibor, Rajsic Slavica, First results of outdoor and indoor VOCs measurements using PTR-MS in Belgrade, Serbia, The 8th European Meeting on Environmental Chemistry (EMEC8) Book of Abstracts pg. 37., December 5-8 (2007), Inverness, Scotland
18. **Z.R.Mijić**, L.A.Lazić, S.F. Rajšić, M.D. Tasić and V.T. Novaković, Some Characteristic Air Back Trajectories For High PM₁₀ and PM_{2.5} Concentration Episodes, 6th International Conference of the Balkan Physical Union, Book of Abstracts, pg. 1006, 22-26 August, Istanbul, Turkey, (2006)
19. V.T. Novaković, M.D. Tasić, B.Djurić-Stanojević, S.F. Rajšić and **Z.R.Mijić**, Physical Characterisation of PM₁₀ and PM_{2.5} in Belgrade Atmosphere by SEM/EDX and Image Analysis System, 6th International Conference of the Balkan Physical Union, Book of Abstracts, pg. 1008, 22-26 August, Istanbul, Turkey, (2006)
20. V.T. Novaković, M.D. Tasić, B.Djurić-Stanojević, S.F. Rajšić and **Z.R.Mijić**, Physical Characterisation of PM₁₀ and PM_{2.5} in Belgrade Atmosphere by SEM/EDX and Image Analysis System, AIP Conference Proceedings Volume 899 pg. 743. Sixth International Conference Of The Balkan Physical Union, Istanbul (Turkey), 22-26 August (2006) ISBN: 978-0-7354-0404-5
21. **Z.R.Mijić**, L.A.Lazić, S.F. Rajšić, M.D. Tasić and V.T. Novaković, Some Characteristic Air Back Trajectories For High PM₁₀ and PM_{2.5} Concentration Episodes, AIP Conference Proceedings Volume 899 pg. 741. Sixth International Conference Of The Balkan Physical Union, Istanbul (Turkey), 22-26 August 2006 ISBN: 978-0-7354-0404-5
22. S. Rajšić, **Z. Mijić**, M. Tasić, M. Radenković, J. Joksić Assessment of the levels and sources of trace elements in PM₁₀ and PM_{2.5} in Belgrade, The Seventh European Meeting on Environmental Chemistry EMEC 7, The book of Abstracts pg. 175. , December 6-9. (2006) Brno, Czech Republic,
23. M. Tasić, B.Đurić-Stanojević, S.Rajšić, **Z.Mijić**, V. Novaković, Physico-chemical characterization of PM₁₀ and PM_{2.5} particles in the Belgrade urban area, 14th International Symposium Spectroscopy in theory and practice, Book of Abstracts pg. 109, Nova Gorica 10-13 april (2005)
24. S.Rajšić, **Z. Mijić**, L. Lazić, M. Tasić and V. Novaković, Analysis PM₁₀ and PM_{2.5} Air Pollution Episodes in Belgrade The Sixth European Meeting on Environmental Chemistry (EMEC6), Book of Abstracts, pg. 276, December 6-10th (2005), Belgrade, Serbia and Montenegro

Publications in national conference proceedings

1. Mirjana Tasić, Slavica Rajšić, Velibor Novaković, Zoran Mijić, Atmosferski aerosoli i njihov uticaj na kvalitet vazduha u urbanim sredinama, uvodno predavanje Zbornik radova Eko Fizika 37-46, Kruševac 21-22. maj (2005).
2. **Z. Mijić**, D. Vasiljević, A. Kovačević, M. Tasić i B. Panić, Ispitivanje transporta atmosferskih aerosola pomocu CWT modela i LIDAR sistema, XII Kongres fizičara Srbije, Zbornik radova, 2013, Vrnjačka Banja, Srbija, str. 428-432.
3. Mirjana Perišić, Andreja Stojić, Marija Todorovic, **Zoran Mijić**, Slavica Rajšić, Analiza dinamike i transporta CO, NO_x i SO₂ u urbanoj sredini Beograda, XII Kongres fizičara Srbije, Zbornik radova, 2013, Vrnjačka Banja, Srbija, str. 444-447.
4. Andreja Stojić, Mirjana Perišić, **Zoran Mijić**, Marija Todorovic, Slavica Rajšić. Odredjivanje izvora emisije isparljivih organskih jedinjenja u Beogradu, XII Kongres fizičara Srbije, Zbornik radova, 2013, Vrnjačka Banja, Srbija, str. 453-456.
5. **Zoran Mijić**, Mirjana Tasić, Bratimir Panić, Aleksander Kovačević, Darko Vasiljević, Brana Jelenković, Ilija Belić, Daljinska detekcija aerosola – LIDAR sistem, Savremene tehnologije za održivi razvoj gradova, Zbornik radova pp. 243-251, Banja Luka, 14-15 novembar (2008).
6. Aleksander Kovačević, Bratimir Panić, Milan Minić, Darko Vasiljević, **Zoran Mijić**, Mirjana Tasić, Branislav Jelenković, Ilija Belić, Detekcija povratnog rasejanog zračenja LIDAR sistema na 532 nm Zbornik radova ETRAN CD, Palić (2008)
7. Prvi rezultati merenja isparljivih organskih jedinjenja u ambijentalnom vazduhu Beograda korišćenjem uređaja PTR-MS, M. Nešić, A. Stojić, **Z. Mijić**, S. Rajšić, M. Tasić, 5th Symposium Chemistry and Environmental Protection with international participation, Book of Abstracts pp.40-41, 27-30 maj (2008), Tara, Srbija
8. Belić, D. Vasiljević, A. Kovačević, B. Panić, **Z. Mijić**, V. Novaković, M. Tasić, B. Jelenković, D. Pantelić, Primena LIDAR-a u detekciji aero-zagađenja, Zbornik radova Kongresa metrologa Srbije, (2007), pp. 181-189.
9. **Mijić Zoran**, Lazić Lazar, Rajšić Slavica, Velibor Novaković, Analiza transporta za vreme epizoda sa visokim koncentracijama PM čestica, Zbornik radova Eko Fizika 230-233, Kruševac 21-22. maj (2005).
10. Branislava Đurić-Stanojević, Mirjana Tasić, Slavica Rajšić, **Zoran Mijić**, Velibor Novaković, Milica Tomašević, Fizičko-hemijska karakterizacija PM_{2.5} i PM₁₀ čestica u urbanoj sredini Beograda, Zbornik radova Eko Fizika 234-237, Kruševac 21-22. maj (2005).
11. P.Kolarž, **Z.Mijić**, D.M.Marković, D.A.Marković, Epizoda merenja ozona, aerosola i nanometarskih brzih jona vazduha na obali Dunava jula 2003. godine, Zbornik radova sa Kongresa fizicara Srbije i Crne Gore, Petrovac na Moru, 3-5.jun (2004), 8-87,8-90
12. **Z.R.Mijić**, V.T. Novaković, M.D.Tasić, S.F.Rajšić, Procena raspodele učestanosti masenih koncentracija PM₁₀ i PM_{2.5}, Zbornik radova sa Kongresa fizicara Srbije i Crne Gore, Petrovac na Moru, 3-5.jun (2004), 8-115,8-118

13. V.T.Novaković, **Z.R.Mijić**, M.D.Tasić, S.F.Rajšić, M.N.Tomašević, Merenje koncentracije PM10 čestica u suburbanoj oblasti Beograda, Zbornik radova sa Kongresa fizicara Srbije i Crne Gore, Petrovac na Moru, 3-5.jun (2004), 8-147,8-150
14. M.D.Tasić, S.F.Rajšić, V.T.Novaković, **Z.R.Mijić**, M.N.Tomašević, Ispitivanje kvaliteta vazduha u urbanim sredinama:PM10 i PM2.5, Zbornik radova sa Kongresa fizicara Srbije i Crne Gore, Petrovac na Moru, 3-5.jun (2004), 8-173,8-176
15. M.Tasić, S. Rajšić, D.Marković, V. Novaković, **Z. Mijić**, D. Marković, Ispitivanje kvaliteta vazduha na području grada Beograda-suspendovane čestice i ozon, Zbornik radova Ekološki problemi gradova, Beograd, 22-23.04. (2004) 93-94.

Publications in national conference book of abstracts

1. A.Stojić, S Stojić Stanišić, A. Šošćarić, **Z. Mijić**, M. Todorović, Contribution of transported pollution to traffic-related VOC concentrations in Belgrade urban area, Book of abstracts, the 7th Symposium Chemistry and Environmental Protection, June 9-12, 2015, Palic, Serbia, pp. 167-168.
2. M.Nešić, A.Stojić, **Z.Mijić**, S.Rajšić, M.Tasić, First results of ambient VOCs measurements using PTR/MS IN Belgrade, 5th Symposium Chemistry and Environmental Protection, Ed. The Serbian Chemical Society, Book of abstracts, June, 27-30, 2008, Tara, Serbia, pp. 41.

Publications in national journals

1. **Z. Mijić**, M. Tasić, S. Rajšić, A. Stojić, (2012). Primena hibridnih receptorskih modela za ispitivanje transporta PM₁₀ čestica na područje Beograda, Glasnik Hemičara, Tehnologa i ekologija Republike Srpske, 4(7), 41- 48.
2. M.Tasić, S.Rajšić, V.Novaković, **Z.Mijić**. (2006). Atmospheric aerosols and their influence on air quality in urban area, Facta Universitatis-Physics, Chemistry and Technology Vol. 4, No1, 83-91,

INVITED TALKS

1. **Z. Mijić**, M. Kuzmanoski, D. Nicolau, L. Belegante (2013). The use of hybrid receptor models and ground based remote sensing of particulate matter for identification of potential source regions, Proceedings from the 4th WeBIOPATR Workshop Conference, 4th WeBIOPATR2013, October 2-6, Belgrade, Serbia, pp. 52-59.
2. **Zoran Mijić**, Darko Vasiljević, Aleksander Kovačević, Bratimir Panić, Milan Minić, Mirjana Tasić, Branislav Jelenković, Ilija Belić, Ana Vuković, (2011). Investigation of transport pathways and potential source regions of atmospheric aerosols in Belgrade: receptor modeling and LIDAR system, 5th International Workshop on Optoelectronic Techniques for Environmental Monitoring, pg. 109-116. 28-30 September, Magurele, Romania.

CURRENT PROFESSIONAL POSITION AND AFFILIATION

- Associate Research Professor, Head of the Environmental Physics Laboratory, Institute of Physics Belgrade