



Svetlana Stanišić

CURRICULUM VITAE

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EDUCATION

PHD STUDIES

2011. PhD – Faculty of Physical Chemistry (Environmental Physical Chemistry), University of Belgrade, Serbia

UNDERGRADUATE STUDIES

2004. Bachelor of Dental Medicine – Faculty of Dental medicine, University of Belgrade, Serbia

PROFESSIONAL STATUS

ACADEMIC INSTITUTION

Singidunum University, Danijelova 32, Belgrade, Serbia

ACADEMIC POSITION

Full professor

SCIENTIFIC RESEARCH

SCIENTIFIC FIELD

Environmental Physical Chemistry, Environmental Health, Nutrition

RESEARCH

- Environmental health
- Nutrition
- Indoor and outdoor emission sources of air pollutants
- Effects of air pollution and extreme weather conditions on human health and mortality
- Research related to volatile organic compounds (VOC), particulate matter and inorganic gaseous pollutants and their spatio-temporal distribution.

LIST OF SCIENTIFIC PAPERS

INFO

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M21a

1. 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, 19-26.
2. Stojić, A., Stanić, N., Vuković, G., Stanišić, S., Perišić, M., Šoštarić, A. & Lazić, L. (2019) Explainable extreme gradient boosting tree-based prediction of toluene, ethylbenzene and xylene wet deposition. *Science of the Total Environment*, 653, 140–147.

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3. Stojić, S. M. S., Dobrijević, G., Stanišić, N. & Stanić, N. (2014) Characteristics and activities of teachers on distance learning programs that affect their ratings. *The International Review of Research in Open and Distance Learning*, 15(4), 248-262.
4. Stojić, A., Stojić, S. S., Mijić, Z., Šoštarić, A. & Rajšić, S. (2015) Spatio-temporal distribution of VOC emissions in urban area based on receptor modelling. *Atmospheric Environment*, 106, 71-79.
5. 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(17), 13137-13152.
6. Šoštarić, A., Stojić, A., Stojić, S. S. & Gržetić, I. (2016) Quantification and mechanisms of BTEX distribution between aqueous and gaseous phase in a dynamic system. *Chemosphere*, 144, 721-727.
7. Stanišić Stojić, S., Stanišić, N., Stojić, A. & Šoštarić, A. (2016) Single and combined effects of air pollutants on circulatory and respiratory system-related mortality in Belgrade, Serbia. *Journal of Toxicology and Environmental Health, Part A: Current Issues*, 79(1):17-27.
8. 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(11), 10722-10732.
9. Stanišić Stojić, S., Stanišić, N. & Stojić, A. (2016) Temperature-related mortality estimates after accounting for the cumulative effects of air pollution in an urban area. *Environmental Health*, DOI: 10.1186/s12940-016-0164-6.
10. Stojić, A. & Stanišić Stojić, S. (2017) The innovative concept of three-dimensional hybrid receptor modeling, *Atmospheric Environment*, 164, 216-223.
11. 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.

M22

12. Stević, M. C., Ignjatović, L. M., Ćirić-Marjanović, G., Stanišić, S. M., Stanković, D. M. & Zima, J. (2011) Voltammetric behaviour and determination of 8-Hydroxyquinoline using a Glassy Carbon Paste Electrode and the theoretical study of its electrochemical oxidation

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mechanism. *International Journal of Electrochemical Science*, 6(7), 2509-2525.

13. Stanišić Stojić, S. M., Ignjatović, L. M., Popov, S., Škrivanj, S., Đorđević, A. R. & Stojić, A. (2016) Heavy metal accumulation in wheat and barley: The effects of soil presence and liquid manure amendment. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 1-17.
14. Perišić, M., Stojić, A., Stojić, S. S., Šoštarić, A., Mijić, Z. & Rajšić, S. (2014) Estimation of required PM10 emission source reduction on the basis of a 10-year period data. *Air Quality, Atmosphere & Health*, 1-11.
15. Perišić, M., Maletić, D., Stanišić Stojić, S., Rajšić, S. & Stojić, A. (2016) Forecasting hourly particulate matter concentrations based on the advanced multivariate methods, *International Journal of Environmental Science and Technology*, 14(5), 1047-1054.

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16. Stanišić, S. M., Ignjatović, L. M., Stević, M. C. & Đorđević, A. R. (2011) A comparison of sample extraction procedures for the determination of inorganic anions in soil by ion chromatography. *Journal of the Serbian Chemical Society*, 76(5), 769-780.
17. Stanišić, S. M., Ignjatović, L. M., Manojlović, D. D. & Dojčinović, B. P. (2011) The comparison of sample extraction procedures for the determination of cations in soil by IC and ICP-AES. *Central European Journal of Chemistry*, 9(3), 481-491.
18. Stanišić, S. M., Ignjatović, L. M., Anđelković, I., Stević, M. C., Tasić, A. M. & Savić-Biserčić, M. (2012) The ultrasound assisted extraction of matrix elements and heavy metal fractions associated with Fe, Al and Mn oxyhydroxides from soil. *Journal of the Serbian Chemical Society*, 77(9), 1287-1300.

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19. Stanišić Stojić, S., Stanišić, N., Stojić, A. & Džamić, V. (2016) Sezonske varijacije smrtnosti od kardiovaskularnih, respiratornih i malignih oboljenja na području Beograda. *Stanovništvo*, 54(1):83-104.
20. Kilibarda, N., Brdar, I., Baltić, B., Marković, V., Mahmutović, H., Karabasil, N. & Stanišić, S. (2018) The safety and quality of sous vide food. *Meat Technology*, 59(1), 38-45.
21. Stanišić, S., Marković, V., Šarčević, D., Baltić, M., Bošković, M., Popović, M. & Kilibarda, N. (2018) Being a vegetarian: health benefits and hazards. *Meat Technology*, 59(1), 63-70.

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22. Stanišić, S., Jovanović, V. & Stanišić, N. (2014) Continuous business and educational processes improvement in higher education institutions through implementation of new technologies in monograph Marek, T., Karwowski, W., Frankowicz, M., Kantola, J., & Zgaga, P. (Eds.). *Human Factors of a Global Society: A System of Systems Perspective*. CRC Press.

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23. Stojić, A., Stanišić Stojić, S., Mijić, Z., Ilić, L., Tomašević, M., Todorović, M. & Perišić, M. (2015) Comprehensive Analysis of VOC Emission Sources in Belgrade Urban Area, In: Urban and Built Environments: Sustainable Development, Health Implications and Challenges, Editor: Alexis Cohen, Nova Science Publishers, NY, USA, ISBN: 978-1-62417-735-4, pp. 55-88.
24. Stanišić Stojić, S., Stanišić, N. & Stojić, A. (2016) Short- and Long-Term Effects of Urban Air Pollution on Cardiopulmonary and Malignant Death Rates In: Air Pollution: Management Strategies, Environmental Impact and Health Risks, Editor: Gerald L. Burns, Nova Science Publishers, NY, USA, ISBN: 978-1-63485-375-0.
25. Stojić, A., Stanišić, S., Perišić, M., Vuković, G. & Šoštarić, A. (2018) Urban air pollution – an insight into complexity aspects In: A Closer Look at Urban Areas, Editor: Sarah Romero, Nova Science Publishers, NY, USA, ISBN: 978-1-53614-449-9.
26. Stanišić S., Stojić, A. & Prodanović, M. (2018) Environmental Concerns in Serbia: Focusing on Air Pollution and its Effects on Human Health In: Serbia: Current Issues and Challenges in the Areas of Natural Resources, Agriculture and Environment, Editor: Igor Janev, Nova Science Publishers, NY, USA, ISBN: 978-1-53614-897-8.
27. Stanišić S., Stojić, A. & Prodanović, M. (2018) Health Aspects of Urban Life. In: A Closer Look at Urban Areas, Editor: Sarah Romero, Nova Science Publishers, NY, USA, ISBN: 978-1-53614-449-9.
28. Stanišić S., Stojić A. (2020) Urban Air Pollution and Environmental Health. In: Leal Filho W., Azul A., Brandli L., Özuyar P., Wall T. (eds) Sustainable Cities and Communities. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham, ISBN: 978-3-319-71061-7

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29. Stanišić, S. M., Ignjatović, Lj. M., Marković, M. M., Jovanović, U. D. & Tasić, A. M. 2011. Comparison of conventional, ultrasound and microwave assisted single extraction methods for anion determination in soil sample, EUROanalysis 16, European Conference on Analytical Chemistry, September 11-15, Belgrade, Serbia.
30. Stanišić, S. M., Ignjatović, Lj. M., Stević, M. C., Sredović, I. D. & Đorđević, A. R. 2011. Ultrasound-assisted extraction for determination of major and trace elements in soil sample, EUROanalysis 16, European Conference on Analytical Chemistry, September 11-15, Belgrade, Serbia.
31. Jovanović, V., Stanišić S. & Stanišić, N. 2011. Management processes improvement in higher education institutions through implementation of new technologies, STHESCA Conference, 5-7 July, 2011, Krakow, Poland.
32. Stanišić, S., Ignjatović, L. M., Popov, S. & Škrivanj, S. 2012. Effects of liquid manure amendment on accumulation of heavy metals in wheat and barley, EuCheMs Chemistry Congress, August 26-30, Prague, Czech Republic.
33. Dobrijević, G. & Stanišić S. 2012. Democratisation of knowledge through open access journals and repositories in transition

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countries. Case study: Singidunum Journal of Applied Sciences and Singipedia, 5th Belgrade International Open Access Conference, National Library of Serbia, 18-19 May 2012, Belgrade.

34. Dobrijević, G., Stojić, S. S. & Stanišić, N. 2014. Internal and External Factors Influencing the Success of International Cooperation in Higher Education Market – SWOT Analysis, 19th Annual Conference European Council for Business Education, May 30-31, Edinburgh, UK. pp. 5-15.
35. Šoštarić, A., Stojić, A., Stanišić Stojić, S. & Mijić, Z. 2014. 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, Belgrade, Serbia, pp. 945-948.
36. Stanišić Stojić, S., Šoštarić, A., Mijić Z. & Perišić, M. 2014. 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, Belgrade, Serbia.
37. Stojić, S. S., Dobrijević, G., Stanišić, N. & Radojević, T. 2015. International partnership in higher education between success and failure. Proceedings in GV - Global Virtual Conference, Žilina, Slovakia, pp. 87–92.
38. Dobrijević, G., Stanišić Stojić, S., Đorđević Boljanović, J. & Šarac, M. 2015. Social Media and Education: Pros and Cons, 20th Annual ECBE Conference, May 22-23, Belgrade, Serbia. pp. 19-30.
39. Stanišić Stojić, S., Stanišić, N., Šoštarić, A., Stojić, A. & Mladenović, S. 2015. The association between short term exposure to PM10 and soot and circulatory system related mortality in Belgrade area. 5th International WeBIOPATR Workshop & Conference Particulate Matter: Research and Management, October 14-16, Belgrade, Serbia, pp. 211-216.
40. Stanišić Stojić, S., Stanišić, N., Šoštarić, A., Stojić, A. & Mladenović, S. 2015. The association between short term PM10 exposure and mortality caused by respiratory system diseases in Belgrade area. 5th International WeBIOPATR Workshop & Conference Particulate Matter: Research and Management, October 14-16, Belgrade, Serbia, pp. 191-195.
41. Stanišić Stojić, S., Stojić, A. & Perišić, M. 2016. Relationship between isoprene, related gaseous pollutants and meteorological factors in an urban area. 13th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 26-30, Belgrade, Serbia, Vol. II, pp. 711-714.
42. Perišić, M., Stojić, A. & Stanišić Stojić, S. 2016. Impact of remote sources on chromium concentrations in Belgrade and the related health risk. 13th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 26-30, Belgrade, Serbia, Proceedings Vol. II, pp. 735-738.
43. Stojić, A. & Stanišić Stojić, S. 2017. Concentration weighted boundary layer hybrid receptor model for analyzing particulate matter altitude distribution. 6th International WeBIOPATR

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- Workshop & Conference Particulate Matter: Research and Management, September 6-8, Belgrade, Serbia, pp. 1-4.
44. Stojić, A., Stanišić Stojić, S., Perišić, M. & Mijić, Z. 2017. Multiscale multifractal analysis of nonlinearity in particulate matter time series. 6th International WeBIOPATR Workshop & Conference Particulate Matter: Research and Management, September 6-8, Belgrade, Serbia, pp. 1-4.
45. Stojić, A., Vuković, G., Stanišić, S., Udovičić, V., Stanić, N., Šoštarić, A. 2019. Explainable machine learning prediction of VOC in an university building microenvironment, 8th International PTR-MS Conference, February 3-8, Innsbruck, Austria, pp. 267-271.
46. Stojić, A., Vuković, G., Stanišić, S., Čučuz, V., Trifunović, D., Udovičić, V., Šoštarić, A. 2019. Multifractality of isoprene temporal dynamics in outdoor and indoor university environment, 8th International PTR-MS Conference, February 3-8, Innsbruck, Austria, pp. 271-275.
47. Jovanović, G., Stanišić, S., Perišić, M. 2020. Multifractal characteristics of criteria air pollutant time series in urban areas, Sinteza International scientific conference on information technology and data related research, Belgrade, Serbia.
48. Perišić, M., Jovanović, G., Stanišić, S. 2020. Benzene source apportionment using bivariate correlation and regression analyses, Sinteza International scientific conference on information technology and data related research, Belgrade, Serbia.
49. Stanišić, S., Perišić, M., Stojić, A. 2020. The use of innovative methodology for the characterization of benzene, toluene, ethylbenzene and xylene sources in the Belgrade area, Sinteza International scientific conference on information technology and data related research, Belgrade, Serbia.

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50. Petković S., Tasić, A., Ignjatović, Lj., Milenković, M. & Stanišić, S. 2012. Adsorption of herbicide nicosulfuron on activated carbon, alumina and silica, the 4th EuCheMs Chemistry Congress, August 26-30, Prague, Czech Republic.
51. Stojić, A., Perišić, M., Jovanović, G., Stanišić, S., Stanić, N., Milićević, T., 2019, Parsing environmental factors which shape particulate matter pollution using explainable artificial intelligence, The 7th International WeBIOPATR 1-3 October, 2019, Belgrade, Serbia, pp. 34.
52. Perišić, M., Stojić, A., Jovanović, G., Stanišić, S., 2019, Receptor oriented modeling of urban particulate air pollution: source characterization and spatial distribution, The 7th International WeBIOPATR 1-3 October, 2019, Belgrade, Serbia, pp. 75.
53. Jovanović, G., Stojić, A., Perišić, M., Stanišić, S., Stanić, N., Milićević, T., 2019, Explainable relations of particulate matter and environmental factors in an urban area, The 7th International WeBIOPATR 1-3 October, 2019, Belgrade, Serbia, pp. 94.
54. Milićević, T., Stanišić, S., Jovanović, G., Perišić, M., Šoštarić, A., Stojić, A., 2019, Explainable benzo[a]pyrene in an indoor environment, The

20th European Meeting on Environmental Chemistry 2-5 December, 2019, Lodz, Poland, pp. 98.

OTHER

55. Šošćarić, A., Mladenović, S., Stanišić Stojić, S., Stojić, A., Stanišić, N. & Slepčević, V. (2015) Health burden of air pollutant exposure in Belgrade: a European region with high circulatory and malignant mortality rates. WHO Collaborating Centre for Air Quality Management and Air Pollution Control, Newsletters No. 56.
56. Stojić, S.S., Stojić, A., Šošćarić, A., Mijić, Z., Todorović, M., 2015. Contribution of transported pollution to traffic-related VOC concentrations in Belgrade urban area. 7th Symposium Chemistry and Environmental Protection, June 9-12, Palić, Serbia, pp. 167-168.

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PROJECTS

57. Strengthening of Internationalisation Policies at Universities in Serbia, TEMPUS 543667-TEMPUS-1-2013-1-RS-TEMPUS-JPHES
58. Restructuring of Doctoral Studies in Serbia, TEMPUS 544093-TEMPUS-1-2013-1-RS-TEMPUS-SMGR
59. Mapiranje izvora toksičnih, mutagenih i kancerogenih isparljivih organskih jedinjenja na teritoriji grada Beograda, Zeleni fond, Ministarstvo zaštite životne sredine, 2018

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