



Andreja Stojić

CURRICULUM VITAE

INFO

PHONE +381 11 37 13 004

FAX +381 11 31 62 190

E-MAIL andreja.stojic@ipb.ac.rs

WEBSITE www.envpl.ipb.ac.rs

BORN January 3rd 1976
Jagodina | Serbia

EDUCATION

PHD STUDIES

2015 Atomic and Molecular Physics, Faculty of Physics, University of Belgrade

BSC STUDIES

2007 Applied Physics and Informatics, Faculty of Physics, University of Belgrade

PROFESSIONAL STATUS

AFFILIATION

Institute of Physics, University of Belgrade, Serbia | Since 2007

LABORATORY

Environmental Physics Laboratory

SCIENTIFIC POSITION

Assistant Research Professor

epl



INFO

PHONE +381 11 37 13 004
FAX +381 11 31 62 190
E-MAIL andreja.stojic@ipb.ac.rs
WEBSITE www.envpl.ipb.ac.rs

RESEARCH

SCIENTIFIC FIELD

| Environmental science
| Data science

SCIENTIFIC INTEREST

| Atmospheric chemistry and physics
| Environmental multiphase systems
| Air pollution spatio-temporal distribution, transport and forecast
| Environmental factors affecting human health and mortality
| Indoor air
| Human biomonitoring
| Volatile organic compounds | Aerosols | Inorganic gaseous pollutants |
| Persistent organic compounds | Meteorological factors

DATA ANALYSIS

Statistical | Spatio-temporal | Receptor | Hybrid receptor | Dispersion |
Multifractal | Distributed lag non-linear | Machine learning

METHOD DEVELOPMENT

| Multivariate three-dimensional hybrid receptor models | Multifractal
analysis | Air pollution forecast | Environmental multiphase system
simulations and analysis | Health and mortality risk assessment

AUTHORSHIP

| Concentration weighted boundary layer – CWBL, 3D PSCF and 3D CWT
hybrid receptor models

COMPUTING ENVIRONMENT

R | Matlab | Weka | Jython

INSTRUMENTAL ANALYTICAL METHOD

Proton transfer reaction mass spectrometry – PTR-MS





INFO

PHONE +381 11 37 13 004

FAX +381 11 31 62 190

E-MAIL andreja.stojic@ipb.ac.rs

WEBSITE www.envpl.ipb.ac.rs

PROJECTS

NATIONAL

- | 2011 – 2018 Investigation of climate change and its influences on environment: monitoring the influences, adaptations and Offsets – III 43007
- | 2011 – 2018 Application of low temperature plasmas in biomedicine, environmental protection and nanotechnologies – III 41011
- | 2006 – 2010 Emission and transmission of pollutants in an urban atmosphere – OI 141012
- | 2008 – 2009 Development and application of archeometric and Non-destructive methods in the analysis of cultural heritage – TR 19046
- | 2008 – 2010 The use of plasma needle in medical and biological investigation and fast and reliable detection of Volatile organic compounds of human and biogenic origin – TR 23106

INTERNATIONAL

- | 2017 – 2021 International network to encourage the use of monitoring and forecasting dust products, COST Action CA16202, European Cooperation in Science and Technology
- | 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, Horizon 2020 (H2020) research and innovation programme under grant agreement No 690133
- | 2014 – 2017 Atmospheric pressure plasma jet for neutralisation of CBW (chemical biological weapons) – financed by NATO (SfP 984555)
- | 2006 – 2009 Reinforcing Experimental Centre for Non-equilibrium Studies with Application in Nano-technologies, Etching of Integrated Circuits and Environmental Research (IPB-CNP-026328), FP6

NON-SCIENTIFIC

- | 2014 – 2015 Air quality plan for the City of Belgrade – funded by the City of Belgrade, Department of Environmental protection of the city administration, Serbia

PROFESSIONAL TRAINING

2009, 2011 Hands on PTR-MS, Obergurgl, Austria





INFO

PHONE +381 11 37 13 004
FAX +381 11 31 62 190
E-MAIL andreja.stojic@ipb.ac.rs
WEBSITE www.envpl.ipb.ac.rs



REVIEWER

Environment International | Environmental Pollution | Atmospheric Environment

TEACHING

PHD THESES

- | Andrej Šoštarić, 2017. Mehanizmi uklanjanja lako isparljivih monoaromatičnih ugljovodonika (BTEX) iz ambijentalnog vazduha mokrom depozicijom, Faculty of Chemistry, University of Belgrade, Serbia.
- | Mirjana Perišić, 2016. Application of hybrid receptor models in the analysis of air quality and transport of pollutants in Belgrade, Faculty of Physics, University of Belgrade, Serbia.

MSC THESES

- | Ružica Šebek, 2017. Sezonske varijacije koncentracija PM₁₀ za Beograd računata disperzionim modelom, Faculty of Physics, University of Belgrade, Serbia.

BSC THESES

- | Marija Todorović, 2012. Measurement of volatile organic compounds with PTR-MS – problems of measurement depending on reaction chamber conditions, Faculty of Physical Chemistry, University of Belgrade, Serbia.
- | Dragoslav Ristić, 2010. Measurements of volatile organic compounds with proton transfer reaction mass spectrometer, Faculty of Physics, University of Belgrade, Serbia.
- | Nikola Petrović, 2008. Monitoring of Volatile Organic Compounds in Air, Faculty of Physics, University of Belgrade, Serbia.

NON-SCIENTIFIC ACTIVITIES

MUSIC

- | Neverne bebe
- | Session musician | Guitarist | Composer | Arranger | Music producer | Recording engineer | Editing engineer

GRAPHIC AND WEB DESIGN



INFO

PHONE +381 11 37 13 004

FAX +381 11 31 62 190

E-MAIL andreja.stojic@ipb.ac.rs

WEBSITE www.envpl.ipb.ac.rs

SELECTED PUBLICATIONS

- | **Stojić, A.**, Stanišić Stojić, S., 2017. The innovative concept of three-dimensional hybrid receptor modeling. *Atmospheric Environment*, 164, 216-223.
- | Šoštarić, A., Stojić, S. S., Vuković, G., Mijić, Z., **Stojić, A.**, Gržetić, I., 2017. Rainwater capacities for BTEX scavenging from ambient air. *Atmospheric Environment*, Accepted for publication.
- | 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*. 15(1), 73.
- | **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.
- | **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.

ALL PUBLICATIONS

BOOK CHAPTERS

- | 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. pp. 41-68. (M13)
- | **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. (M13)
- | Tomašević, M., Mijić, Z., Aničić, M., **Stojić, A.**, Perišić, M., Kuzmanoski, M., Todorović, M., Rajšić, S., 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, 2013. ISBN: 978-1-62417-735-4 (M13)
- | Aničić M., Mijić, Z., Kuzmanoski, M., **Stojić, A.**, Tomašević, M., Rajšić, S., Tasić, M., 2012. A study of airborne trace elements in Belgrade urban area: instrumental and active biomonitoring approach. In: *Trace Elements*:





INFO

PHONE +381 11 37 13 004

FAX +381 11 31 62 190

E-MAIL andreja.stojic@ipb.ac.rs

WEBSITE www.envpl.ipb.ac.rs

Environmental Sources, Geochemistry and Human Health, Editors: Diego Alejandro De Leon and Paloma Raquel Aragon, Nova Science Publishers, NY, USA, pp.1-30, 2012. ISBN: 978-1-62081-401-7. (M13)

| Mijić, Z., Rajšić, S., Žekić, A., Perišić, M., **Stojić, A.**, Tasić M., 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. (M13)

| Mijić, Z., **Stojić, A.**, Perišić, M., Rajšić, S., Tasić M., 2012. Statistical character and transport pathways of atmospheric aerosols in Belgrade. In: Air Quality - New Perspective, Edited by Gustavo Lopez Badilla, Benjamin Valdez and Michael Schorr, Published by InTech, pp. 199 - 226, ISBN: 978-953-51-0674-6. (M14)

INTERNATIONAL JOURNAL PAPERS

| **Stojić, A.**, Stanišić Stojić, S., 2017. The innovative concept of three-dimensional hybrid receptor modeling. Atmospheric Environment, 164, 216-223. (M21)

| Šoštarić, A., Stojić, S. S., Vuković, G., Mijić, Z., **Stojić, A.**, Gržetić, I., 2017. Rainwater capacities for BTEX scavenging from ambient air. Atmospheric Environment, Accepted for publication. (M21)

| 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. (M21)

| Perišić M., Maletić D., Stanišić Stojić S., Rajšić S., **Stojić A.**, 2017. Forecasting hourly particulate matter concentrations based on the advanced multivariate methods. International Journal of Environmental Science and Technology, 14(5), 1047-1054. (M22)

| 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. 15(1), 73. (M21a)

| 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, 79(1), 17-27. (M21)

| **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. (M21)

| 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. (M21)

| Stanišić Stojić, S., Ignjatović, L., Popov, S., Škrivanj, S., Đorđević, A., **Stojić, A.**, 2016. Heavy metal accumulation in wheat and barley: The effects of soil





INFO

| | |
|---------|--------------------------|
| PHONE | +381 11 37 13 004 |
| FAX | +381 11 31 62 190 |
| E-MAIL | andreja.stojic@ipb.ac.rs |
| WEBSITE | www.envpl.ipb.ac.rs |

presence and liquid manure amendment. *Plant Biosystems*, 150(1), 104-110. (M22)

- | **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. (M21a)
- | **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. (M21)
- | **Stojić, A.**, Stanišić Stojić, S., Šoštarić, A., Ilić, L., Mijić Z., Rajšić S., 2015. Characterization of VOC sources in an urban area based on PTR-MS measurements and receptor modelling. *Environmental Science and Pollution Research*, 22(17), 13137-13152. (M21)
- | Dmitrović, S., Perišić, M., **Stojić, A.**, Živković, S., Boljević, J., Živković, J. N., Mišić, D., 2015. Essential oils of two *Nepeta* species inhibit growth and induce oxidative stress in ragweed (*Ambrosia artemisiifolia* L.) shoots in vitro. *Acta Physiologiae Plantarum*, 37(3), 1-15. (M22)
- | Todorović, M. N., Perišić, M. D., Kuzmanoski, M. M., **Stojić, A. M.**, Šoštarić, A. I., Mijić, Z. R., Rajšić, S. F., 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. (M23)
- | 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 and Health*, 8(4), 379-389. (M22)
- | 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. (M23)
- | 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. (M21)

NATIONAL JOURNAL PAPERS

- | Stanišić Stojić, S., Stanišić, N., **Stojić, A.**, Džamić, V., 2016. Seasonal mortality variations of cardiovascular, respiratory and malignant diseases in the City of Belgrade. *Stanovništvo*, 54(1), 83-104. (M24)
- | Mijić, Z., Tasić, M., Rajšić, S., **Stojić, A.**, 2012. Primena hibridnih receptorskih modela za ispitivanje transporta PM₁₀ čestica na područje Beograda. *Glasnik Hemičara, Tehnologa i ekologa Republike Srpske*, 4(7), 41- 48. (M52)

LECTURES

- | Udovičić, V., Kolarž, P., **Stojić A.**, 2016. Radon, ions and VOC as a source of indoor air pollution. Green Building EXPO international exhibition and conference, 2-4 November, Belgrade, Serbia.





INFO

PHONE +381 11 37 13 004
FAX +381 11 31 62 190
E-MAIL andreja.stojic@ipb.ac.rs
WEBSITE www.envpl.ipb.ac.rs

INTERNATIONAL CONFERENCE PROCEEDINGS

- | Mijić, Z., Perišić, I., Ilić, L., **Stojić, A.**, Kuzmanoski, M. 2017. Air mass transport over Balkan region identified by atmospheric modeling and aerosol lidar technique, 49th International October Conference on Mining and Metallurgy, October 18-21, Bor Lake, Serbia, pp. 69-72.
- | **Stojić, A.**, Stanišić Stojić, S., 2017. Concentration weighted boundary layer hybrid receptor model for analyzing particulate matter altitude distribution. 6th International WeBIOPATR Workshop & Conference Particulate Matter: Research and Management, September 6-8, Belgrade, Serbia, pp. 1-4.
- | **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.
- | Perišić, M., Vuković, G., Mijić, Z., Šoštarić, A., **Stojić, A.**, 2017. Relative importance of gaseous pollutants and aerosol constituents for identification of PM₁₀ sources of variability. 6th International WeBIOPATR Workshop & Conference Particulate Matter: Research and Management, September 6-8, Belgrade, Serbia, pp. 1-4.
- | 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.
- | 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.
- | 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.
- | 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.
- | Perišić, M., **Stojić, A.**, Todorović, M., Mijić, Z., Šoštarić, A., 2015. Transport contribution to PM_{2.5} mass concentrations in Belgrade sub urban area. 5th International WeBIOPATR Workshop & Conference Particulate Matter: Research and Management, October 14-16, Belgrade, Serbia, pp. 99-102.
- | Mijić, Z., Perišić, M., **Stojić, A.**, Kuzmanoski, M., Ilić, L., 2015. Estimation of atmospheric aerosol transport by ground based remote sensing and modeling. XIX International Eco-Conference 2015, September 23-25, Novi Sad, Serbia, pp. 375-382.





INFO

| | |
|---------|--------------------------|
| PHONE | +381 11 37 13 004 |
| FAX | +381 11 31 62 190 |
| E-MAIL | andreja.stojic@ipb.ac.rs |
| WEBSITE | www.envpl.ipb.ac.rs |

- | **Stojić, A.**, Stanišić Stojić, S., Šoštarić, A., Mijić, Z., Perišić M., Rajšić, S., 2014. The contribution of chemical industry to ambient VOC levels in Belgrade. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 22-26, 2014, Belgrade, Serbia, pp. 949-952.
- | Šoštarić, A., Perišić, M., **Stojić, A.**, Mijić, Z., Rajšić, S., 2014. Dynamics of gaseous pollutants in Belgrade urban area. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 22-26, Belgrade, Serbia, Vol. I, pp. 953-956.
- | Todorović, M., Perišić, M., **Stojić, A.**, Rajšić, S., 2014. Source apportionment study in Belgrade urban area. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 22-26, Belgrade, Serbia, Vol. I, pp. 929-932.
- | Šoštarić, A., **Stojić, A.**, Stanišić Stojić, S., Mijić, Z., 2014. Traffic-related VOC dynamics in Belgrade urban area. 12th International Conference on Fundamental and Applied Aspects of Physical Chemistry, September 22-26, Belgrade, Serbia, Vol. III, pp. 953-956.
- | Perišić, M., **Stojić, A.**, Mijić, Z., Todorović, M., Rajšić, S., 2013. Source apportionment of ambient VOCs in Belgrade semi-urban area. 6th International Conference on Proton Transfer Reaction Mass Spectrometry and Its Application, February 3-8, Innsbruck, Austria, pp. 204-208.
- | Perišić, M., Mijić, Z., **Stojić, A.**, 2013. Frequency analysis of PM₁₀ time series and assessing source reduction for air quality compliance in Serbia. 4th WeBIOPATR Workshop Conference, October 2-6, Belgrade, Serbia, pp. 64-68.
- | Šoštarić, A., Perišić, M., **Stojić, A.**, Mijić, Z., Rajšić, S., Tasić, M., 2013. The influence of air mass origin and potential source contributions on PM₁₀ in Belgrade. 4th WeBIOPATR Workshop Conference, October 2-6, Belgrade, Serbia, pp.39-43.
- | **Stojić, A.**, Perišić, M., Mijić, Z., Rajšić, S., 2011. Ambient VOCs measurements in winter: Belgrade semi-urban area. 5th International Conference on Proton Transfer Reaction Mass Spectrometry and Its Application, January 26-February 2, Innsbruck, Austria, pp. 248-251.
- | Perišić, M., **Stojić, A.**, Rajšić, S., Mijić, Z., 2010. Assessment of VOCs concentrations in Belgrade semi-urban area. 10th International Conference of Fundamental and Applied aspects of Physical Chemistry, September 21-24, Belgrade, Serbia, pp. 579-581.
- | **Stojić, A.**, Rajšić, S., Perišić, M., Mijić, Z., Tasić, M., 2009. Assessment of ambient VOCs levels in Belgrade semiurban area, 4th International Conference on Proton Transfer Reaction Mass Spectrometry and its Applications, February 16-21, Obergurgl, Austria, pp. 289- 293.
- | Nestorović, J., Mišić, D., **Stojić, A.**, Perišić, M., Živković, S., Šiler, B., Aničić, M., Malović, G., Grubišić, D., 2009. In vitro selection of nepetalactone-rich genotypes of *Nepeta rtanjensis* by using HPCL and PTR-MS. 4th International Conference on Proton Transfer Reaction Mass Spectrometry and its Applications, February 16-21, Obergurgl, Austria, pp. 263-267.





INFO

PHONE +381 11 37 13 004

FAX +381 11 31 62 190

E-MAIL andreja.stojic@ipb.ac.rs

WEBSITE www.envpl.ipb.ac.rs

| Tasić, M., Mijić, Z., Rajšić, S., **Stojić, A.**, Radenković, M., Joksić, J., 2009. Source apportionment of atmospheric bulk deposition in the Belgrade urban area using positive matrix factorization. In Journal of Physics: Conference Series, IOP Publishing, April, Vol. 162, No. 1, pp. 012-018.

INTERNATIONAL CONFERENCE ABSTRACTS

| Dmitrović, S., Perišić, M., **Stojić, A.**, Živković, S., Boljević, J., Nestorović Živković, J., Aničić, N., Ristić, M., Mišić, D., 2015. The oxidative stress in *Ambrosia artemisiifolia* L. shoots grown in vitro induced by *Nepeta rtanjensis* and *N. cataria* essential oils. 2nd International Conference on Plant Biology (21st Symposium of the Serbian Plant Physiology Society) & COST Action FA1106 Qualityfruit Workshop, Serbian Plant Physiology Society, June 17-20, Petnica, Serbia, pp. 159.

| Škorić, M., Todorović, S., Ristić, M., Soković, M., Glamočlija, J., Živković, S., **Stojić, A.**, Puač, N., Kanellis, A. K., 2013. In vitro culture of *Cistus creticus* subsp. *creticus*-a source of biological active compounds. 11th International Meeting on Biosynthesis, Function and Biotechnology of Isoprenoids in Terrestrial and Marine Organisms (TERPNET 2013), June 1-5, Thessaloniki, Greece, pp. 132.

| Škorić, M., Nestorović-Živković, J., Ristić, M., **Stojić, A.**, Puač, N., Kanellis, A.K., Todorović, S., 2013. PTR-MS and GC/MS analysis of volatile compounds in shoot cultures of *Cistus creticus* subsp. *creticus*. 1st International Conference on Plant Biology (20th Symposium of the Serbian Plant Physiology Society), Serbian Plant Physiology Society, July 4-7, Subotica, Serbia, pp 107.

| **Stojić, A.**, Perišić, M., Todorović, M., Nikitović, Ž., Jotić, A., Lalić, N., Petrović, Z.Lj., 2013. Application of PTR-MS measurements of volatile organic compounds (VOC) in medical science. 15th annual conference of YUCOMAT, September 2-6, Herceg Novi, Montenegro, pp. 68.

| **Stojić, A.**, Mijić, Z., Perišić, M., Rajšić, S., Tasić, M., 2011. Ambient VOCs measurement in Belgrade semi-urban area: winter case study. 16th European conference on analytical chemistry Challenges in modern analytical chemistry, EUROanalysis, September 11-15, Belgrade, Serbia, pp. 102.

| Mijić, Z., Kuzmanoski, M., **Stojić, A.**, Žekić, A. Rajšić, S., Tasić, M., 2011. Investigation of regional transport and health risk effects of metals in PM_{2.5} air particulate matter in Belgrade. 3rd International WeBIOPATR Workshop & Conference, November 15-17, Belgrade, Serbia.

| Mijić, Z., Tasić, M., Rajšić, S., **Stojić, A.**, 2011. Receptor modeling studies for the characterization of PM₁₀ pollution sources in Belgrade, Proceedings of the 3rd International WeBIOPATR Workshop & Conference, November 15-17, Belgrade, Serbia.

| Perišić, M., **Stojić, A.**, Mijić, Z., Rajšić, S., 2010. Source apportionment of volatile organic compounds in Belgrade semi-urban area. 11th European





INFO

| | |
|---------|--------------------------|
| PHONE | +381 11 37 13 004 |
| FAX | +381 11 31 62 190 |
| E-MAIL | andreja.stojic@ipb.ac.rs |
| WEBSITE | www.envpl.ipb.ac.rs |

Meeting on Environmental Chemistry EMEC 11, December 8-11, Portorož, Slovenia, pp. 232.

- | **Stojić, A.**, Perišić, M., Mijić, Z., Rajšić, S., Ristić, D., 2010. 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, Faculty of Technology, University of Novi Sad, September 14-15, Novi Sad, Serbia, CD Book of Abstracts.
- | **Stojić, A.**, Perišić, M., Mijić, Z., Rajšić, S., 2010. Proton Transfer Reaction Mass Spectrometry: ambient air VOCs measurement in Belgrade semi-urban area, 20th ESCAMPIG, July, Novi Sad, Serbia.
- | Nestorović, J., Mišić, D., Šiler, B., Živković, S., Malović, G., Perišić, M., **Stojić, A.**, Grubišić, D., 2010. Application of PTR-MS in detection of volatile compounds: in vitro culture of three nepeta species, 20th ESCAMPIG, July, Novi Sad, Serbia.
- | Nestorović, J., Mišić, D., Šiler, B., Živković, S., **Stojić, A.**, Perišić, M., Grubišić, D., 2009. PTR-MS detection of nepetalactone in shoot cultures of three Nepeta species grown under different carbohydrate source. New research in biotechnology, 2nd International Symposium, November 19-20, Bucharest, Romania, pp. 138.
- | **Stojić, A.**, Nešić, M., Mijić, Z., Novaković, V., Rajšić, S., Tasić, M., 2008. Heavy metal concentrations in street dust and soils adjacent to roads in Belgrade, Serbia. 9th Highway and Urban Environment Symposium, June 9-11, Madrid, Spain, pp. 87.
- | Nešić, M., **Stojić, A.**, Mijić, Z., Novaković, V., Rajšić, S., 2007. 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, Inverness, Scotland, pp. 37.

NATIONAL CONFERENCE PROCEEDINGS

- | Perišić, M., **Stojić, A.**, Todorović, M., Mijić, Z., Rajšić, S., 2013. Analiza dinamike i transporta CO, NO_x i SO₂ u urbanoj sredini Beograda. XII Kongres fizičara Srbije, April 28-May 2, Vrnjačka Banja, Serbia, str. 444-447.
- | **Stojić, A.**, Perišić, M., Mijić, Z., Todorović, M., Rajšić, S., 2013. Određivanje izvora emisije isparljivih organskih jedinjenja u Beogradu. XII Kongres fizičara Srbije, April 28-May 2, Vrnjačka Banja, Serbia, str. 453-456.
- | **Stojić, A.**, Perišić, M., Petrović, N., 2008. Merenje isparljivih organskih jedinjenja u realnom vremenu masenim spektrometrom (PTR-MS) Naučnostrucni skup sa međunarodnim učešćem, Zbornik radova, Institut zaštite, ekologije i informatike, Novembar 14-15, Banja Luka, Bosna i Hercegovina, str. 257-262.





INFO

| | |
|---------|--------------------------|
| PHONE | +381 11 37 13 004 |
| FAX | +381 11 31 62 190 |
| E-MAIL | andreja.stojic@ipb.ac.rs |
| WEBSITE | www.envpl.ipb.ac.rs |

NATIONAL CONFERENCE ABSTRACTS

- | Stojić, S. Stanišić, **Stojić, A.**, Šoštarić, 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, pg. 167-168.
- | Todorović, M., Perišić, M., **Stojić, A.**, Rajšić, S., 2013. Concentrations trend of NO, NO₂ and O₃ during the 2011 in Belgrade urban area. 6th Symposium Chemistry and Environmental Protection, May 21-24, Vršac, Serbia, pg. 320-321.
- | Perišić, M., Todorović, M., **Stojić, A.**, Kuzmanoski, M., Rajšić, S., 2013. Health risk assessment of VOCs in Belgrade semi-urban area, 6th Symposium Chemistry and Environmental Protection, May 21-24, Vršac, Serbia, pg. 378-379.
- | Nestorović, J., Mišić, D., Dević, M., **Stojić, A.**, Malović, G., Grubišić, D., 2009. PTR-MS and HPLC analysis of nepetalactone in shoots cultures of *Nepeta rtanjensis* Diklić & Milojević. XVIII Symposium of Biological Society, May 27-29, Vršac, Serbia.
- | Nešić, M., **Stojić, A.**, Mijić, Z. Rajšić, S., Tasić, M., 2008. 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, Tara, Serbia, pp. 41.
- | Nestorović, J., Mišić, D., Šiler, B., Grubišić, D., Nešić, M., **Stojić, A.**, Tasić, M., 2008. Uticaj isparljivih jedinjenja rtanjske metvice (*Nepeta rtanjensis*) na klijanje semena *Lepidum sativum*: alelopatski potencijal. IX dani lekovitog bilja, September 17-20, Kosmaj, Serbia, pp. 138.

PHD THESIS

- | **Andreja Stojić**, 2015: Spatio-temporal Distribution of Volatile Organic Compounds and Aerosols in Troposphere: Lidar and Mass Spectrometry, Faculty of Physics, University of Belgrade.

NEWSLETTERS

- | Šoštarić, 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, Newsletter, WHO Collaborating Centre for Air Quality Management and Air Pollution Control, No. 56 - December 2015, pp. 3-9.

SYMPOSIUM

- | Pavlović, N., Ristić, J., Šoštarić, A., Slepčević, V., **Stojić, A.**, Stanišić Stojić, S., Stanišić, N., 2016. Analiza podataka redovnog merenja PM₁₀, O₃ i NO₂ u vazduhu i smrtnost od kardiovaskularnih i respiratornih bolesti i Diabetes mellitusa u Beogradu, Stručna konferencija – simpozijum „Dani Zavoda 2016. godine“, sa temom: „Kvalitet vazduha – monitoring, modelovanje, unapređenje“, November 25, Belgrade, Serbia, pp. 99-114.

