



*Andreja Stojić*

CURRICULUM VITAE

---

## INFO

---

PHONE +381 11 37 13 004

FAX +381 11 31 62 190

E-MAIL [andreja.stojic@ipb.ac.rs](mailto:andreja.stojic@ipb.ac.rs)

WEBSITE [www.envpl.ipb.ac.rs](http://www.envpl.ipb.ac.rs)

BORN January 3<sup>rd</sup> 1976  
Jagodina | Serbia

---

## EDUCATION

---

### PHD STUDIES

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

### BSC STUDIES

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

---

## PROFESSIONAL STATUS

---

### AFFILIATION

Institute of Physics Belgrade, National Institute of the Republic of Serbia,  
University of Belgrade, Serbia | Since 2007

### LABORATORY AND POSITION

Environmental Physics Laboratory | Assistant Research Professor

---

## RESEARCH

---

### SCIENTIFIC FIELD

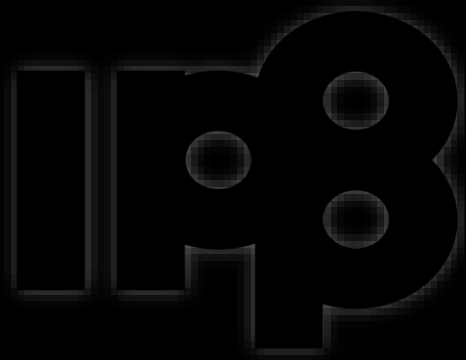
Data and environmental science

### SCIENTIFIC INTEREST

| Artificial intelligence (AI) | Machine learning (ML) | Explainable artificial intelligence (xAI)

| Atmospheric chemistry and physics

epl



---

## INFO

---

PHONE +381 11 37 13 004  
FAX +381 11 31 62 190  
E-MAIL [andreja.stojic@ipb.ac.rs](mailto:andreja.stojic@ipb.ac.rs)  
WEBSITE [www.envpl.ipb.ac.rs](http://www.envpl.ipb.ac.rs)

| Human health, mortality and human biomonitoring

### DATA ANALYSIS

Machine learning | Statistical analysis | Environmental modelling

### METHOD DEVELOPMENT

Hybrid receptor models | Air pollution forecast | Environmental multiphase systems | Health and mortality risk assessment

### AUTHORSHIP

Concentration weighted boundary layer – CWBL | 3D PSCF | 3D CWT

### COMPUTING ENVIRONMENTS AND SCRIPT LANGUAGES

### INSTRUMENTAL ANALYTICAL METHOD

Proton transfer reaction mass spectrometry – PTR-MS

---

## PROJECTS

---

Eight national, five international and one non-scientific

---

## PROFESSIONAL TRAINING

---

| PTR-MS  
| Certified Agile and Scrum Practitioner

---

## TEACHING

---

Three PhD, one MSc, three BSc and one HSDG theses

---

## NON-SCIENTIFIC ACTIVITIES

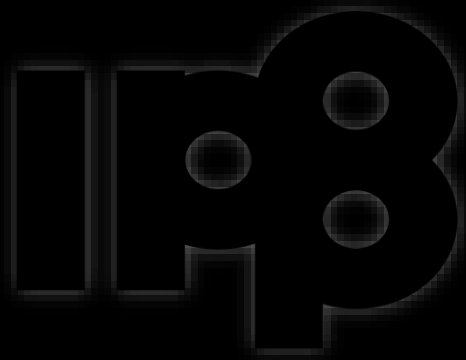
---

### MUSIC

| Neverne bebe  
| Session musician | Composer | Arranger | Music producer

### GRAPHIC AND WEB DESIGN





---

## INFO

---

PHONE +381 11 37 13 004

FAX +381 11 31 62 190

E-MAIL [andreja.stojic@ipb.ac.rs](mailto:andreja.stojic@ipb.ac.rs)

WEBSITE [www.envpl.ipb.ac.rs](http://www.envpl.ipb.ac.rs)

---

## SELECTED PUBLICATIONS

---

- | **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.
- | **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*, 168, 46-54.
- | 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.
- | Jovanović, G., Herceg Romanić, S., **Stojić, A.**, Klinčić, D., Matek Sarić, M., Grzunov Letinić, J., Popović, A., 2019. Introducing of modeling techniques in the research of POPs in breast milk – A pilot study, *Ecotoxicology and Environmental Safety*, 172, 341-347.
- | **Stojić, A.**, Stanišić Stojić, S., Reljin, I., Čabarkapa, M., Šoštarić, A., Perišić, M., Mijić, Z., 2016. Comprehensive analysis of PM<sub>10</sub> in Belgrade urban area on the basis of long-term measurements. *Environmental Science and Pollution Research*, 23(11), 10722-10732.

---

## ALL PUBLICATIONS

---

More than 80 (book chapters, papers, conference proceedings and news letters)

