

PERSONAL INFORMATION

Zoran Čepić



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Sex Male | Date of birth 13th Jan 1983 | Nationality Serbian

CURRENT POSITION

Assistant Professor at the Department of Environmental Engineering and Occupational Safety and Health, Faculty of Technical Sciences, University of Novi Sad, Trg Dositeja Obradovića 6, 21000, Novi Sad, Serbia

WORK EXPERIENCE

2018 – present

Assistant Professor

Faculty of Technical Sciences, University of Novi Sad

2012 – 2018

Teaching Assistant (MSc)

Faculty of Technical Sciences, University of Novi Sad

2009 – 2012

Scholarship holder of the Ministry of Science and Technological Development

Faculty of Technical Sciences, University of Novi Sad

EDUCATION

Doctoral Academic Studies
2009 – 2018

Doctor of Science (PhD)

Faculty of Technical Sciences, University of Novi Sad

- Study program: Environmental Engineering
- Study field: Environmental and Occupational Safety Engineering
- Title of Doctoral Thesis: Mathematical modelling of wheat straw combustion in a fixed bed from the aspect of the influence of process parameters change

Bachelor and Master Academic Studies
2002 – 2008

Master of Science (MSc)

Faculty of Technical Sciences, University of Novi Sad

- Study program: Mechanical Engineering
- Study field: Energy and Process Engineering
- Title of Master Thesis: Importance and Role of Power Plant Zrenjanin in Energy System

TRAINING

23 - 31 Aug 2021

Ceepus teacher mobility

Training and research in environmental chemistry and toxicology

Faculty of Chemistry, Brno University of Technology

21 - 25 June 2021

17th Summer School and SMURBS Training School 2021

Organized by:

RECETOX Research Infrastructure and Stockholm Convention Regional Centre in the Czech Republic

15 - 19 June 2020

16th Summer School and SMURBS Training School 2020

Organized by:

RECETOX Research Infrastructure and Stockholm Convention Regional Centre in the Czech Republic

PERSONAL SKILLS

Mother tongue Serbian

Other language

English

| UNDERSTANDING | | SPEAKING | | WRITING |
|---------------|---------|--------------------|-------------------|---------|
| Listening | Reading | Spoken interaction | Spoken production | |
| B2 | B2 | B2 | B2 | B2 |

Driving licence B category

ADDITIONAL INFORMATION

SCI Publications

- Adamović D, Čepić Z, Adamović S, Stošić M, Obrovski B, Morača S, Vojinović Miloradov M. Occupational Exposure to Formaldehyde and Cancer Risk Assessment in an Anatomy Laboratory. *International Journal of Environmental Research and Public Health*, 2021, 18(21):11198. <https://doi.org/10.3390/ijerph182111198>
- Čepić Z, Mihajlović V, Đurić S, Milić M, Stošić M, Stepanov B, Ilić Mićunović M. Experimental Analysis of Temperature Influence on Waste Tire Pyrolysis. *Energies*, 2021, 14(17):5403. <https://doi.org/10.3390/en14175403>
- Čepić Z., Nakomčić-Smaragdakis B. Experimental analysis of the influence of air flow rate on wheat straw combustion in a fixed bed. *Thermal Science*, 2017, 21(3):1443-1452. <https://doi.org/10.2298/TSCI160403261C>
- Čepić Z., Nakomčić-Smaragdakis B., Miljković B., Radovanović (Petrović) Lj., Đurić S. Combustion Characteristics of Wheat Straw in a Fixed Bed. *Energy Sources Part A-Recovery Utilization and Environmental Effects*, 2016, 38(7): 1007-1013. <https://doi.org/10.1080/15567036.2014.922646>
- Nakomčić-Smaragdakis B., Čepić Z., Dragutinović N. Analysis of solid biomass energy potential in Autonomous Province of Vojvodina. *Renewable and Sustainable Energy Reviews*, 2016, 57:186-191. <https://doi.org/10.1016/j.rser.2015.12.118>
- Nakomčić-Smaragdakis B., Čepić Z., Živančev (Šenk) N., Dorić J., Radovanović (Petrović) Lj. Use of scrap tires in cement production and their impact on nitrogen and sulfur oxides emissions. *Energy Sources Part A-Recovery Utilization and Environmental Effects*, 2016, 38(4):485-493. <https://doi.org/10.1080/15567036.2013.787473>
- Nakomčić-Smaragdakis B., Dvornić T., Čepić Z., Dragutinović N. Analysis and possible geothermal energy utilization in a municipality of Panonian basin of Serbia. *Renewable and Sustainable Energy Reviews*, 2016, 59:940-951. <https://doi.org/10.1016/j.rser.2015.12.337>
- Nakomčić-Smaragdakis B., Čepić Z., Čepić M., Dvornić T. Data analysis of the flue gas emissions in the thermal-power plant firing fuel oil and natural gas. *International Journal of Environmental Science and Technology*, 2014, 11(2):269-280. <https://doi.org/10.1007/s13762-013-0388-8>
- Šljivac D., Nakomčić-Smaragdakis B., Vukobratović M., Topić D., Čepić Z.: Cost-benefit comparison of on-grid photovoltaic systems in Pannonian parts of Croatia and Serbia. *Tehnčki vjesnik - Technical Gazette*, 2014, 21(5):1149-1158. <https://hrcak.srce.hr/129131>
- Nakomčić-Smaragdakis B., Dvornić T., Čepić Z., Đurić S. Geothermal energy potentials in the province of Vojvodina from the aspect of the direct energy utilization. *Renewable and Sustainable Energy Reviews*, 2012, 16:5696-5706. <https://doi.org/10.1016/j.rser.2012.05.038>

Citations
h-index92 (excluding self-citations)
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Current Projects

- 1) Role of human exposure assessment in air quality management: links between risk factors and health outcomes - LiBAir. Science Fund of the Republic of Serbia Project No 6461896. Participants: University of Novi Sad, Faculty of Technical Sciences and University of Copenhagen, section of Environmental Health, Department of Public Health (2020 – present)
- 2) Short-term action plan for reducing air pollution of the Municipality of Beocin, Serbia (2020-present)
- 3) POPs concentrations in ambient air of the Central and Eastern Europe (CEE): Application of the passive air sampling technique as a tool for trend determination, and effectiveness evaluation of international conventions, MONET CEECs, RECETOX, Masaryk University, Brno, Czech Republic (2009 – present)
- 4) Improvement and development of hygienic and technological procedures in production of animal originating foodstuffs with the aim of producing high-quality and safe products competitive on the global market, III46009, Ministry of Education, Science and Technological Development, Republic of Serbia (2011 – present)