

PERSONAL INFORMATION



Evica Stojiljkovic

 Stanja Bunusevca 14/52, 18000 Nis, Serbia
 +381 18 529 703  +381 69 14 87 031; +381 62 487 031
 evica.stojiljkovic@znrfak.ni.ac.rs; evica976@gmail.com
<https://www.linkedin.com/in/evica-stojiljkovic-7198741ab>
 www.znrfak.ni.ac.rs

PERSONAL STATEMENT

I have years of experience in teaching Risk Assessment to university students and devoted professionals. I am dedicated to raising awareness about human reliability assessment in theory and practice.

Sex Female | Date of birth 31/03/1976 | Nationality Serbian

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|-------------------|---|
| 03/2016 - present | Vice Dean for Education
University of Nis, Faculty of Occupational Safety, Carnojevica 10a, 18000 Nis, Serbia <ul style="list-style-type: none"> Good command of quality control processes (currently responsible for education, science and study programmers of bachelor, master and doctoral academic studies). |
| 04/2021 - present | Full Professor
University of Nis, Faculty of Occupational Safety, Carnojevica 10a, 18000 Nis, Serbia <ul style="list-style-type: none"> Lecturing academic courses in Risk Assessment Methods, System Reliability and Safety, Human Reliability Assessment, Ergonomics. Business or sector Education / Research |
| 07/2016 - 04/2021 | Associate Professor
University of Nis, Faculty of Occupational Safety, Carnojevica 10a, 18000 Nis, Serbia <ul style="list-style-type: none"> Lecturing academic courses in Risk Assessment Methods, System Reliability and Safety, Human Reliability Assessment, Ergonomics. Business or sector Education / Research |
| 10/2011 – 07/2016 | Assistant Professor
University of Nis, Faculty of Occupational Safety, Carnojevica 10a, 18000 Nis, Serbia <ul style="list-style-type: none"> Lecturing academic courses in Risk Assessment Methods, System Reliability and Safety, Human Reliability Assessment, System Theory and Risk. Business or sector Education / Research |

WORK EXPERIENCE

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|-------------------|---|
| 08/2003 – 10/2011 | Teaching Assistant
University of Nis, Faculty of Occupational Safety, Carnojevica 10a, 18000 Nis, Serbia <ul style="list-style-type: none"> Delivery of academic courses/trainings for university students: Risk Assessment Methods, System Reliability and Safety, Human Reliability Assessment, System Theory and Risk, Societal Development and the Environment, Planning and Quality Control of the Environment. Business or sector Education / Research |
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EDUCATION AND TRAINING

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|---------|---|
| 03/2011 | Ph.D. Degree
University of Nis, Faculty of Occupational Safety, Nis, Dept. of Occupational Safety <ul style="list-style-type: none"> Doctor of Technical Science – Occupational Safety Engineering Doctoral Dissertation: <i>Methodological framework for the human error assessment</i> (in Serbian). |
| 07/2007 | Master of Science – Postgraduate Degree
University of Nis, Faculty of Occupational Safety, Dept. of Environmental Studies <ul style="list-style-type: none"> Magister of Technical Sciences - Environmental Protection Engineering Magisterium Thesis: <i>Methodological framework for the risk assessment of accidents</i> (in Serbian). |

03/2001 Graduate Environmental Safety Engineer (Dipl. Ing.)
University of Nis, Faculty of Occupational Safety, Dept. of Environmental Studies
▪ Environmental Safety Engineering

PERSONAL SKILLS

Mother tongue(s)	Serbian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	B2	B2	B1	B1	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user, Common European Framework of Reference for Languages

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user, Common European Framework of Reference for Languages

Communication and organisational/managerial skills

- Strong analytical and reporting skills gained through various international and national projects
- Ability to interact with persons of various cultural backgrounds
- Leadership skills (Vice-dean for Education; Vice-Chairman of the Chair of System Safety Research, Faculty of Occupational Safety, University of Nis)
- Managing and good presentation skills, effective decision-making skills, public speaking

Other skills

- Academic Discourse
- Academic Writing skills
- Project Management
- Process Management
- System Design and Analysis
- Risk Analysis and Assessment

Computer skills

- Microsoft Office™ tools (Word, Excel, Power Point),
- Computer Aided Design software tools: AutoCAD 2000/2005

Membership in professional bodies

- Vice-chairman of Serbian Ergonomics Society
- Member of the European Society of Safety Engineers (ESSE)
- Member of the International Ergonomics Association (IEA)
- Member of the Centre for Distribution of Development Strategies, Faculty of Occupational Safety, University of Nis
- Editor of International Journal of Occupational Safety and Health, Engineering Management & Applied Engineering
- Guest Editor of Journal IETI Transactions on Ergonomics and Safety

Driving licence

- B category

ADDITIONAL INFORMATION

Publications (textbooks...)

Monograph, Chapter in Monograph, University Textbooks

- **Stojiljkovic, E.** (2020). *Human Reliability Assessment* (Monograph). Nis: Faculty of Occupational Safety (in Serbian).
- Grozdanovic, M., **Stojiljkovic, E.** (2013). *Risk Assessment Methods* (Monograph). Nis: Faculty of Occupational Safety (in Serbian).
- Savic, S., Grozdanovic, M., **Stojiljkovic, E.** (2014). *System Reliability and Safety* (Textbook). Nis: Faculty of Occupational Safety (in Serbian).
- Zunjic, A. Sofijanic, S., & **Stojiljkovic, E.** (2016). Certain Ergonomic Considerations and Design Solutions Connected with the Safety and Comfort of City Buses. In Marcelo M. Soares and Francisco Rebelo (Eds.), *Ergonomics in Design Methods & Techniques*. (Chap. 25. pp. 405-421). Boca Roton: CRC Press.
- Grozdanovic, M., **Stojiljkovic, E.**, Grozdanovic, D. (2010). The Method for Risk Assessment of Accident Caused by Technological Process, Human Factor and Environment. In Halimahtun Khalid, Alan Hedge, and Tareq Z. Ahram (Eds.), *Advances in Ergonomics Modeling and Usability Evaluation* (Chap. 7. pp. 54-61). Boca Roton: CRC Press.

Publications (over 100)

Selected publications

- **Stojiljkovic, E.**, Bijelic, B., Haznadarevic, L., Savic, S., Grozdanovic, M. (2020). Complex Index Assessment of Operator's Reliability in the Control Room. *Process Safety Progress*. (DOI: 10.1002/prs.12136).
- Janackovic, G., **Stojiljkovic, E.**, Grozdanovic, M. (2020). Selection of Key Indicators for the Improvement of Occupational Safety System in Electricity Distribution Companies. *Safety Science*. (DOI: 10.1016/j.ssci.2017.07.009).
- **Stojiljkovic, E.**, Bijelic, B., Grozdanovic, M., Radovanovic, M., Djokic, I. (2018). Pilot Error In Process Of Helicopter Starting. *Aircraft Engineering and Aerospace Technology*, 90 (1), 158-165.

Publications (over 100)

Selected publications

- Glisovic, S., **Stojiljkovic, E.**, Stojiljkovic, P. (2018). The State of Play in Disseminating LCM Practices in the Western Balkan Region: the Attitude of Serbian SMEs. *International Journal of Life Cycle Assessment*, 23 (7), 1396-1409.
- Glisovic, S., Pesic, D., **Stojiljkovic, E.**, Golubovic, T., Krstic, D., Prascevic, M., Jankovic, Z. (2017). Emerging technologies and safety concerns: a condensed review of environmental life cycle risks in the nanoworld. *International Journal of Environmental Science and Technology*, 14 (10), 2301-2320.
- **Stojiljkovic, E.**, Janackovic, G., Grozdanovic, M., Savic, S., & Zunjic, S. (2016). Development and Application of a Decision Support System for Human Reliability Assessment – A Case Study of an Electric Power Company. *Quality and Reliability Engineering International*, 32 (4), 1581-1590.
- Grozdanovic, M., Janackovic, G., **Stojiljkovic, E.** (2016). The selection of the key ergonomic indicators influencing work efficiency in railway control rooms. *Transactions of the Institute of Measurement and Control*, 38 (10), 1174-1185.
- **Stojiljkovic, E.**, Glisovic, S., Grozdanovic, M. (2015). The Role of Human Error Analysis in Occupational and Environmental Risk Assessment: A Serbian Experience. *Human and Ecological Risk Assessment: An International Journal*, 21 (4), 1081-1093.
- **Stojiljkovic, E.**, Grozdanovic, M., Marjanovic, D. (2014). Impact of the underground coal mining on the environment. *Acta Montanistica Slovaca*, 19 (1), 6-14.
- Grozdanovic, M., Jekic, S., **Stojiljkovic, E.** (2014). Methodological framework for the ergonomic design of children's playground equipment – a Serbian experience. *Work - A Journal of Prevention Assessment & Rehabilitation*, 48 (2), 273-288.
- **Stojiljkovic, E.**, Grozdanovic, M., Stojiljkovic, P. (2012). Human error assessment in electric power company of Serbia. *Work*, 41 (1/2012), S3207-3212.
- **Stojiljkovic, E.**, Grozdanovic, M., Glisovic, S. (2011). Methodological framework for assessment of overall hazard of an accident - a Serbian experience, *Journal of Scientific & Industrial Research*, 70 (03), 204-209.
- **Stojiljkovic, E.**, Glisovic, S., Golubovic, T. (2014). Risk Assessment of Industrial and Environmental Monitoring Systems – The Significance of Human Reliability Analysis. *Facta Universitatis, Series: Working and Living Environmental Protection*, 11 (2), 145 – 152.
- **Stojiljković, E.** (2017). Knowledge management for the purpose of human error reduction. Proceedings from M&S 2017 (CD1): 12th International Conference Management and Safety (Neum and Mostar, Bosnia and Herzegovina, 9 - 10 June, 2017), Čakovec, Croatia: The European Society of Safety Engineers, pp. 1-8 (Invited lecture paper).
- **Stojiljković, E.**, Bozlov, A., Golubović, T., Cvetković, M., Glisović, S. (2018). Human Error Prevention by Training Design: Suppressing the Dunning–Kruger Effect in its Infancy. *Occupational Safety and Hygiene VI* (Eds. P. M: Arezes, J. S. Baptista, M. P. Barroso, P. Carneiro, P. Cordeiro, N. Costa, R. B. Melo, A. S. Miguel, G. Perestrelo). Selected contributions from the International Symposium on Occupational Safety and Hygiene (SHO2018), Guimarães, Portugal (26 - 27 March, 2018.) CRC Press Taylor & Francis Group, pp. 219-223.
- Haznadarević, L., Milošević, N., Gardašević, D., Čurčić, N., **Stojiljkovic, E.**, (2021). Ergonomic Approach to Workplace (Re) Design During Loads Handling. *Safety Engineering*, 7 (2), 7-13.
- Bijelic, B., Grozdanovic, M., **Stojiljkovic, E.** (2021). A methodological framework for research of ergonomic risk factors in dentistry. *Facta Universitatis, Series: Working and Living Environmental Protection*, 18 (2), 069-077.
- Milošević, N., Trninić, M., Čurčić, N., Haznadarević, L., **Stojiljković, E.** (2021). Primena interaktivnih tehnologija virtualne realnosti za obuku zaposlenih o bezbednosti i zdravlju na radu. Zbornik radova sa: VI Naučno stručnog skupa Politehnika 2021 (Beograd, 10. decembar 2021.), Beograd: Akademija tehničkih strukovnih studija, str. 303-308.

Conferences (selection)

- Published over 80 papers at national and international conferences
- Member of Organizing Committee, vice-chairman of the 18th and 19th international conference "Man and Working Environment", Nis, Serbia, 2018, 2022
- Perennial Member of Programme Committee of *Management and Safety Conference*, (2016, 2017, 2018, 2019).
- Member of Programme Committee of the conferences: *Occupational Safety - the Path to Successful Business*, 2017; *Communal System Management and Environmental Safety*, 2017; *Continuous Training - the Basis for Improvements in Occupational Safety*, 2018;
- Member of Organizing Committee of the conferences: *Occupational and Environmental Safety in the System of National and European Education*, 2005; *Economic Aspects of Occupational and Environmental Safety*, 2006; *Occupational Safety - a Priority for Business*, 2016.

Projects (selection)

- Participated in 5 projects of the Ministry of Education, Science and Technological Development of the Republic of Serbia in the area of technological development and integrated and interdisciplinary research:
- Project III 43014 - Improvement of the monitoring system and the assessment of a long-term population exposure to pollutant substances in the environment using neural networks (2011 – 2019)
 - Project II43011 Joint research of measurement and the effect of ionizing and UV radiation in medicine and environmental protection (2011 – 2019)
 - Project TR 21030 - Research and development of an expert system and methods for assessing the ergo-ecological risk of accidents in the Electric Power Industry of Serbia (2008 – 2010)
 - Project EE-170A - Intelligent systems for monitoring the dynamic properties of thermal behavior of public buildings (2004)
 - Project BTP.5.01.0542 B - Remediation of lead contaminated soil (2003).

Other relevant information

- Peer review in various publications, such as monographs, scientific papers published in national and international scientific journals
- Co-advisor of the PhD thesis on Doctoral Program in Occupational Safety and Health of the University of Porto (DemSSO), September 2020.
- Certificate in Professional Development on the Methodology of Teaching in Educational Institutions of the Ministry of Emergencies of Russia with emphasis on preparation and application of technical documentation and plans, at the St. Petersburg University of the Ministry of Emergencies of Russia, 23 - 29 October, 2017.
- Certificate of Participation in seminar "Teaching Intellectual Property at Faculties", organized by the European Patent Office, the EU Delegation to Serbia and the Intellectual Property Office of the Republic of Serbia, May 2012.
- Certificate in Environmental Engineering, Geochemistry and Aquachemistry (University of Michigan), 2002.
- Certificate in International Environmental and Occupational Health Management Systems (University of Michigan) 2002.