

**Academic
Curriculum vitae**



Personal Information

Name: Eldin Halilčević

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Citizenship: Bosnia and Herzegovina

Date of Birth: 4 November 1979

Gender: Male

Current Academic Position:

University of Tuzla, Faculty of Mining, Geology and Civil Engineering – Senior Laboratory Technician

Professional Experience

March 2016 – Present

Senior Laboratory Technician / Graduate Engineer of Technology

Faculty of Mining, Geology and Civil Engineering, University of Tuzla

Responsibilities include preparation and delivery of laboratory exercises, development of experimental models, and fabrication of laboratory components in accordance with teaching and research projects. Evaluation of laboratory infrastructure and equipment performance, as well as optimization of equipment utilization in teaching and scientific research activities.

September 2013 – March 2016

Researcher / Assistant / Graduate Engineer of Technology

Mining Institute Tuzla

Engaged in research projects, technical studies, feasibility reports, and professional elaborations. Responsibilities included processing of technical standards required for research and engineering design, as well as data collection during field investigations.

June 2007 – June 2008

Research Trainee

Faculty of Mining, Geology and Civil Engineering, University of Tuzla

Participated in preparation and demonstration of laboratory exercises and in the development of laboratory components supporting academic instruction.

Education

1998 – 2007

Bachelor of Science (BSc), Chemical Technology

Faculty of Technology, University of Tuzla

1994 – 1998

Secondary Education – Chemical Technician

Chemical High School, Tuzla

1986 – 1994

Primary Education

Primary School “Šerići”, Šerići

Publications

Mičević, S., Marković, J., Bašić, A., Adilović, A., Halilčević, E. (2010).

Contents of Pb, Zn, Ni, Mn, Cd and Tl in sedimentary dust in the city of Tuzla. *Proceedings of the 14th International Research/Expert Conference TMT, Mediterranean Cruise.*

Marković, J., Mičević, S., Bijelić, S., Halilčević, E. (2010/2011).

Influence of volatile matter and ash in coal seams on coal susceptibility to spontaneous combustion. *Proceedings of the Faculty of Mining, Geology and Civil Engineering, XXXIV, Tuzla.*

Tanjić, I., Cipurković, A., Mičević, S., Selimbašić, V., Halilčević, E., Imamović, M. (2011).

Effect of raw materials and reduction agents on hexavalent chromium levels in Portland cement. *Proceedings of the 15th International Research/Expert Conference TMT, Prague, Czech Republic.*

Horozić, E., Suljagić, J., Gojković, J., Halilčević, E., Kubiček, D., Cilović Kozarević, E. (2020).

Influence of extraction technique on nutrient content, antioxidant and antimicrobial activity of aqueous extracts of commercial apricot kernels. *International Journal of Advanced Chemistry.*

Osmanović, Z., Haračić, N., Sarajlić, I., Dubravac, A., Halilčević, E. (2020).

Bioremediation of areas devastated by industrial waste. *5th International Symposium on Environment and Morals, Istanbul, Turkey.*

Stević, D., Todorović, Ž., Tepić, N., Torregiani, A., Borasi, F., Sigaud, D., Babajić, E., Halilčević, E., Hattori, Y., Gotovac-Atlagić, S. (2022).

E-waste application in nanotechnologies: A promising approach to raising recycling awareness among high school students. *Second International Conference on Sustainable Environment and Technologies.*

Research Projects

National Research Projects

Geochemical Prospecting of Gold in the Alluvium of the Željeznica River – Bakovići (Fojnica)

Faculty of Mining, Geology and Civil Engineering, University of Tuzla, 2020.

Funded by the Federal Ministry of Education and Science of Bosnia and Herzegovina.

International Research Projects

RIS-RESTORE: Evaluation of Red Mud Tailings in the ESEE Region

Project coordinator: Building and Civil Engineering Institute of Ljubljana, Slovenia.

Funded by EIT Raw Materials.

Professional Studies and Applied Projects

- Vulnerability Assessment of Tuzla Canton (2008)
 - Environmental Impact Assessment of the Orašje–Tuzla Expressway (2009)
 - Reclamation Study with Pedological Assessment of Ash and Slag Landfills “Plane” and “Divkovići I and II” (2014)
 - Study on Pyrophyllite Concentration Potential from the Parsovići Deposit (2020)
 - Study on Mineral Raw Materials Applicable in the Cement Industry (2023)
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Skills and Competences

Languages:

Bosnian (native)

English (good proficiency in listening, reading, speaking, and writing)

Research Competences:

Mineral raw material testing, rock and mineral characterization, rock and soil geochemistry.

Research Interests:

Characterization and testing of mineral raw materials.

Technical Expertise:

Analytical instrumentation including ICP-OES (Perkin Elmer Optima 2100 DV), AAS (Perkin Elmer Analyst 200), UV–Vis spectrophotometry (Lambda 25), KSEP 20 l Adolf Kühner AG, Cirrus Optimus sound level meter, Casella Microdust Pro, Senseca HD32 3TC Thermal Comfort system, UNIOR 6N Maihak gas analyzer.

IT Skills:

MS Office suite and specialized software (WinLab32, Lambda25, Casella Insight 2022, Noise Tools, AutoCAD).

Declaration

I hereby declare that the information provided above is accurate and complete to the best of my knowledge.

Tuzla, 16 June 2025

Eldin Halilčević