

Academic curriculum vitae



Personal information

First and last name **Adnan Hodzic**
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Phones 320 – 584 Mobile 062010508
Email/Web adnan.hodzic@untz.ba , adnanhodzic@live.com
Citizenship Bosnia and Herzegovina
Date and place of birth 19.05.1965, Tuzla

Gender M

Current workplace/position/title

RGGF, Department of Well Engineering , full professor

Work experience

Sikulje Mine Trainee engineer
Dates 1.1. 1996-1.10. 1997

RGGF
Position / occupation / title **Associate/Senior Assistant/Master of Technical Sciences in the field of Mining**
Dates 01.10. 1997-1.10.2002
Basic responsibilities and duties Organization and delivery of lectures/exercises in the first and second cycle of studies, holding consultations, innovating the curriculum

Employer name **Faculty of Mining, Geology and Civil Engineering, University of Tuzla**

Type of business activity of the employer **Higher education and scientific research**

Position / occupation / title **Assistant Professor, Doctor of Technical Sciences in the field of mining**
Dates 01.10.2002.-01.10 2009.
Basic responsibilities and duties Organization and delivery of lectures in the first, second and third cycles of studies, holding exams and consultations, innovating the curriculum, mentoring in the preparation of master's theses, participation in committees for final theses, committees for the selection of teachers and associates, scientific research work

Employer name **Faculty of Mining, Geology and Civil Engineering, University of Tuzla**

Type of business activity of the employer Higher education and scientific research

Position / occupation / title **Associate Professor**
Dates 01. 10. 2009.-01.10.2021
Basic responsibilities and duties Organization and delivery of lectures in the first, second and third cycles of studies, holding exams and consultations, innovating the curriculum, mentoring in the preparation of master's and doctoral theses, participation in committees for final theses, committees for the selection of teachers and associates, scientific research work

Employer name **Faculty of Mining, Geology and Civil Engineering, University of Tuzla**

Type of business activity of the Higher education and scientific research

employer |

Position / occupation / title	Full professor
Dates	01.10.2021.-today
Basic responsibilities and duties	Organization and delivery of lectures in the first, second and third cycles of studies, holding exams and consultations, innovating the curriculum, mentoring in the preparation of master's and doctoral theses, participation in committees for final theses, committees for the selection of teachers and associates, scientific research work
Employer name	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Type of business activity of the employer	Higher education and scientific research

Education and training

Dates	1972-1980
Qualification acquired	Primary education
Field of science and profession, acquired titles and skills	Basic precipitation
Name and type of organization	Elementary school "Braća Ribar" Tuzla
Dates	980-1984
Qualification acquired	Secondary education SSS
Field of science and profession, acquired titles and skills	Secondary education
Name and type of organization	Mechanical and Traffic School Center Tuzla
Dates	1985-1990
Qualification acquired	VII degree
Field of science and profession, acquired titles and skills	Graduated Mining Engineer
Name and type of organization	University of Tuzla, Faculty of Mining and Geology
Dates	1995
Qualification acquired	VIII degree
Field of science and profession, acquired titles and skills	Master of Technical Sciences in Mining
Name and type of organization	University of Tuzla, Faculty of Mining and Geology
Dates	2002
Qualification acquired	Doctor of Technical Sciences in the field of mining
Field of science and profession, acquired titles and skills	Underground and well exploitation
Name and type of organization	University of Tuzla, Faculty of Mining, Geology and Civil Engineering

Selected scientific papers within the framework of formal education

Title of work	Doctoral dissertation "" Construction of gas storage in rock salt"
The institution where the paper was prepared	University of Tuzla, Faculty of Mining, Geology and Civil Engineering

Year and place | Tuzla 2002.

Title of work	Master's thesis « <i>The possibility of obtaining foundry sand by the method of wet separation of raw material from the Moluška rijeka site and optimization of production conditions</i> »
The institution where the paper was prepared	University of Tuzla, Faculty of Mining and Geology
Year and place	Tuzla 1995
Title of work	Diploma thesis "Physical and mechanical properties of rocks from the Tetima salt mine in Tuzla"
The institution where the paper was prepared	University of Tuzla, Faculty of Mining and Geology
Year and place	Tuzla, January 1991.
Selected publications and presentations	
Publication name	Flotation testing of quartz sand from the "Moluška Rijeka" deposit
Authors	A.Hodžić, Z.Pašić
Publisher, year and place	Non-metallic inorganic materials, Zenica 2001.
Publication name	Correlation between salt water production and the use of underground storage chambers at the Tuzla and Tetima salt deposits
Authors	B.Tomić, A.Hodžić
Publisher, year and place	Proceedings of the RGGF, Tuzla 2001
Publication name	Energy diversification in Bosnia and Herzegovina
Authors	B.Tomic, A Hodzic
Publisher, year and place	Mining Magazine, Tuzla 2001
Publication name	Technical and technological possibilities of revitalizing the magnesite mine "Konjuh" in Kladanj
Authors	Z. Ibrišimović, K. Gutić, A. Hodžić , J. Hercegovac:
Publisher, year and place	<i>Non-metallic inorganic materials, Zenica 2002.</i>
Publication name	Gas-fired power plants
Authors	B.Tomic, A Hodzic
Publisher, year and place	International scientific gathering of gas experts, Opatija 2002.
Publication name	Salt mine "Tušanj" liquid hydrocarbon storage
Authors	B.Tomic, A Hodzic
Publisher, year and place	Proceedings of the RGGF , Tuzla 2002
Publication name	Indicator of utilization of exploitation reserves of rock salt deposits »Tetima
Authors	Božo Tomić, Adnan Hodžić , Sanel Nuhanović
Publisher, year and place	XXVI Proceedings of RGGF, , Tuzla 2003
Publication name	Extraction of coal underground from the crater of an open-pit mine below the limit depth by mechanized means using the "Alpine Miner" combine harvester.
Authors	Z. Ibrišimović, A. Hodžić , K. Gutić
Publisher, year and place	III Techniki urbania, Krakow Poland 2003.
Publication name	Determination of the optimal distance between deep chambers using numerical methods

Authors	Z. Ibrišimović, Adnan Hodžić , Mevludin Avdić
Publisher, year and place	XXV Proceedings of RGGF, Tuzla 2003
Publication name	Correlation of fracturing and working pressure in borehole exploitation of mineral raw materials
Authors	Božo Tomić, Adnan Hodžić , Sanel Nuhanović
Publisher, year and place	XXV Proceedings of RGGF, Tuzla 2003
Publication name	Information management systems in underground coal mines
Authors	K. Gutić, M. Rahmanović, A. Hodžić
Publisher, year and place	2nd International Conference, "DAAAM" Tuzla, 2003
Publication name	Underground gas storage in Bosnia and Herzegovina, technical and economic indicators
Authors	B.Tomic, A Hodzic
Publisher, year and place	XVIII International scientific and professional meeting of gas experts, Opatija Croatia 2003.
Publication name	The issue of purification of technological waters at the separation of the "Banovići" mine in the function of improving environmental protection
Authors	A Hodžić , B. Tomić, E Avdić
Publisher, year and place	IV International Symposium Mining and Environmental Protection - Proceedings, Vrdnik, 2003. (MEP'03)
Publication name	Methods of determining the working pressure of gas in underground storage »
Authors	B. Tomić, A. Hodžić , Sanel Nuhanović
Publisher, year and place	Gas - Zagreb, Croatia, March 2004
Publication name	Methods of calculating the amount of liquid flowing through the chamber-aquifer junction in rock salt deposits
Authors	B. Tomić, A Hodžić , S. Nuhanović, A. Sušić
Publisher, year and place	XVIII Proceedings of the RGGF, Tuzla, 2005
Publication name	The function of the thickener in the secondary purification system of technological waters and their transport to the main separation decanter of the RMU "Banovići" as well as the transport of the sediment separated from that system
Authors	A. Hodžić , K. Gutić, E. Avdić
Publisher, year and place	VI International Symposium on Transport and Export, Budva, 2005.
Publication name	Determining the most favorable hydrocyclone operating parameters depending on the quality of the granulometric composition of the open coal»
Authors	Z. Ibrišimović, A. Hodžić , E. Avdić
Publisher, year and place	Monograph of works of RGGF, Tuzla 2006
Publication name	Calculation of the stress-strain state in deep chambers that serve to accommodate gas or liquid
Authors	Z. Ibrišimović, M. Avdić, A. Hodžić
Publisher, year and place	Monograph of works of RGGF, Tuzla 2006
Publication name	Production of coal dust from enriched brown coal at the Banovići Mine
Authors	A.Hodžić , E.Avdić, K.Gutić, N.Ikanović
Publisher, year and place	Monograph of works of RGGF, Tuzla 2006
Publication name	Investigations and measurements on boreholes of Tetima rock salt deposits that have lost their tightness
Authors	A. Sušić, B. Tomić, A. Hodžić , S. Mehanović, N. Mujkić
Publisher, year and place	XXXIII Proceedings of RGGF, , Tuzla 2007
Publication name	Analysis of truck transport of tailings from separation to the Ravni bor-Ježevac

	landfill in RMU Banovići
Authors	A. Hodžić , S. Nurić., A Nurić
Publisher, year and place	XXXI Proceedings of the RGGF, Tuzla, 2007
Publication name	Hydraulics of drilling with flushing fluids of high flow rates
Authors	H. Isaković S. Nuhanović., A. Hodžić , Z. Hadžihrustić
Publisher, year and place	XXXIII Proceedings of RGGF, Tuzla 2007
Publication name	Analysis of research results on wells that have lost their tightness with a solution for continued exploitation
Authors	A. Sušić, B. Tomić, A. Hodžić , S. Mehanović, N. Mujkić
Publisher, year and place	XXXIII Proceedings of RGGF, Tuzla 2007
Publication name	Selection and calculation of a new solution for the working element of the BIVETEC KRV/ ED 2200/6 screen at the separation of the lignite mine "Šikulje"
Authors	N. Ikanović, M Kukić, N. Vidanović. A. Hodžić :
Publisher, year and place	TTEM Sarajevo 2009
Publication name	Research on the possibility of semi-coke production from small grades of coal from Banovići
Authors	N. Ikanović, M Kukić, N. Vidanović. A. Hodžić :
Publisher, year and place	TTEM Sarajevo 2009
Publication name	Modern methods of support and application in underground coal mines in Bosnia and Herzegovina
Authors	N. Ikanović, M Kukić, N. Vidanović. A. Hodžić :
Publisher, year and place	TTEM Sarajevo 2009
Publication name	The possibility of disposing of waste in salt chambers after the end of exploitation
Authors	A. Hodžić , I. Bajraktarević, J. Malekin, S. Bukvarević
Publisher, year and place	Mining and Metallurgy Bor 2012
Publication name	Problems of hermeticization of leaching wells in the Tetim massif and remedial construction in case of leakage of the pipe column 9^{5/8}
Authors	A. Šabović , S. Nuhanović, A. Hodžić , A. Nalić
Publisher, year and place	Archive for technical sciences, Bijeljina 2014.
Publication name	A new leaching method at the Tetima rock salt deposit near Tuzla
Authors	A. Sušić, A. Hodžić , S. Nuhanović, J. Miljanović
Publisher, year and place	Mining and Metallurgy Engineering Bor, 2015
Publication name	<i>Boron mineral ore deposits in the Jarandol basin</i>
Authors	N. Vidanović, M. Popović, A. Hodžić , E. Fazlić: "
Publisher, year and place	<i>10th international scientific conference on Production Engineering Proceedings, Dubrovnik 2015</i>
Publication name	The influence of pore pressures and fracturing pressures on the construction of wells in the "Tetima" rock salt deposit in Tuzla
Authors	S. Nuhanović, A. Hodžić , A. Šabović
Publisher, year and place	Archive for technical sciences , Bijeljina, 2015.
Publication name	A new model of the produced water treatment system at the Elemir oil field
Authors	S. Nešić, V. Mitrović, Z. Bošković , A. Hodžić
Publisher, year and place	Archive for technical sciences Bijeljina 2016.

Publication name	<i>The importance of testing the non-healing of a well in an oil field"-</i>
Authors	A. Hodžić , S. Nuhanović, Z. Bošković, J. Munjiza:
Publisher, year and place	Gazette of the Faculty of Mining, Geology and Civil Engineering, Tuzla 2019.
Publication name	The importance of testing for uncased wells in a gas reservoir
Authors	S. Nuhanović, A. Hodžić , A. Sušić, J. Munjiza
Publisher, year and place	Gazette of the Faculty of Mining, Geology and Civil Engineering, Tuzla, 2020
Publication name	The importance of measuring the deflection angle of the borehole channel on the example of borehole B-73 on the rock salt deposit "Tetima"-----
Authors	A. Hodžić , S. Nuhanović, E. Babajić, M. Muratović
Publisher, year and place	Gazette of the Faculty of Mining, Geology and Civil Engineering in Tuzla , 2020 .
Publication name	Chisel damage during the construction of mine wells at the "Duboki potok" minefield
Authors	A. Hodžić , S. Nuhanović, M. Brčaninović, M. Muratović
Publisher, year and place	Gazette of the Faculty of Mining, Geology and Civil Engineering in Tuzla, 2021
Publication name	The problem of choosing drill rods for making mine wells at the "Vijenac" minefield in Lukavac
Authors	S. Nuhanović, A. Hodžić , M. Brčaninović, M. Muratović:
Publisher, year and place	Gazette of the Faculty of Mining, Geology and Civil Engineering in Tuzla, 2021
Publication name	Significance of hydrodynamic measurement in oil field development
Authors	A. Hodzic, S. Nuhanovic, S. Nuric, D. Danilovic
Publisher, year and place	RGGF Gazette no. 11 Tuzla 2023.
Publication name	Hydrothermal products of the spreca fault zone
Authors	Amir Meskovic, Sanel Nuhanovic, Adnan Hodzic, Damir Barakovic
Publisher, year and place	RGGF Gazette no. 11 Tuzla 2023.
Publication name	Improving the performance of a deep well pump on piston rods by modifying the discharge valve
Authors	A. Hodžić, S. Nuhanović, D. Jovanović-Sovtić
Publisher, year and place	RGGF Gazette no. 13 Tuzla 2025.

Participation in the teaching process

For the current academic year
(Note: You can enter only subjects where you are the responsible teacher, and you can also enter subjects where you are an associate teacher)

In previous academic years
(Note: You can only enter subjects where you are a responsible teacher, and you can also enter subjects where you are an associate teacher. Also, you can only enter for one previous year)

I Cycle: Drilling exploitation of mineral raw materials, Tunnels
 II Cycle: Construction of directional wells, Gathering and transportation of oil and gas, Control of well exploitation of mineral raw materials

I Cycle: Exploitation of UV 1 and 2, Development of the exploitation field Design of the exploitation field development Underground fluid storage. Measurement in wells Preparation of mineral raw materials Basics of exploitation and PMS
 II Cycle Construction of directional wells, Gathering and transportation of oil and gas, Control of well exploitation of mineral raw materials

Mentoring and membership in committees for the preparation of master's and doctoral theses

Master's theses

Mentor	E.. Avdić: Application of Henry-Reinhardt diagrams in coal quality forecasting in the Tuzla lignite basin, defended on 29.04.2005. Mentor
Mentor	<i>A. Čičkušić Measurement methods in the construction of deep wells in the Iliđa area.</i> Thesis defended on 09.12.2011. - Mentor,
Member of the Commission	E. Golać : « The impact of the technological process of coal enrichment at the separation plant RMU Banovići on the pollution of the Modrac accumulation basin », thesis defended on 15.06.2005.,
Member of the Commission	Salko Gutić : "Analysis of the operation of a coal crushing plant and its impact on the quality of refining in the separation of RMU Banovići " thesis defended on 06.06.2008.

Committee member	Ruzmir Avdić : «The role of the technological process of coal refining at the separation plant RMU "Đurđevik " in the chain of pollutants in the Spreča River catchment area», thesis defended on 24.12.2010 .
Member of the Commission	Pavle Petković: " <i>Increase in the volume of drilling and mining works at the "Trnava" quarry due to the installation of a new processing plant"</i>
Member of the committee	Emir Ramić: " <i>Production equipment of eruptive oil wells "</i>
Member of the Commission	Božana Barušić: " <i>Geothermal potential of well SL-1 in Slavinovići with a plan for its revitalization"</i>
Doctorates	
Member of the committee	Asim Ibrahimagić : "Valorization of ultrabasic rocks - serpentinite of the Ozren massif" Thesis defended in 2009

Scientific research projects, studies, reports

Study: " *Construction Materials Industry and Construction Resources of Tuzla Canton (FBiH)*", Tuzla 2001

Scientific research study: "Study on the possibilities of increasing the degree of stability of the massif in the zone of the submerged salt mine "Tušanj", Tuzla 2007.

Research study: "Possibility of improving working conditions at PK "Šikulje" sorting plant by using brush wipers on roller feeders - dividers." Tuzla in 2008 (author of the study - original method).

Study : *Feasibility Study of the Orašje Motorway (Sava River-Tuzla Šićki Brod)* " first phase of the Tuzla project 2009 .

Supplementary mining project: *Main water collector, pumping station and pumping plant, with pipeline through GTN in the drainage system of "Sretno " and "Kamenice" pits, phase I, Breza 2010.*

Supplementary mining project: *Main water reservoir, pumping station and pumping plant, with pipeline through GTN in the drainage system of the "Sretno " and "Kamenice" pits, phase II, Breza 2012.*

" *Elaboration on geomechanical properties of the working environment OPZ 7 in the mine (underground exploitation) RMU "Banovići " DDBANovići "*, Tuzla December 2014.

Editorial and reviews in scientific and professional publications

Member of the review board - XIV Balkan mineral processing congress - RGGF Tuzla 2011.

Member of the editorial board of the Bulletin of the Faculty of Mining and Geology, a scientific professional journal for research in scientific fields 1, 5, 2.1. and 2.7. (Frascati) RGGF of the University of Tuzla, Tuzla 2019,2020,2021.

Published textbooks and books

Textbooks

Name **Underground exploitation of mineral raw materials**
 Authors B. Tomic, **A. Hodzic** :
 Month, year and publisher PrintCom Tuzla , 2004 .

Name **Surface and well exploitation of mineral raw materials**
 Authors B. Tomic, **A. Hodzic** :
 Month, year and publisher PrintCom Tuzla , 2004 .

Name **Fundamentals of hydrocarbon exploitation**
 Authors **A. Hodžić** , S. Nuhanović, Z. Bošković, K. Gutić
 Month, year and publisher Copygraf Tuzla 2016.

Books

Name **Tunnel construction**
 Authors K.Gutić A.Hodzic
 Month, year and publisher Copygraf dooTuzla 2015

Name **Basics of geothermal energy**
 Authors **A.Hodžić** , Z.Hadžihrustić:
 Month, year and publisher Mitalex doo Tuzla 2021.

Personal skills and competencies

Native language

Other languages

Bosnian

<i>Understanding</i>		Speech		Writing
		Listening	Reading	
good	good	good	good	good

English language

Scientific, professional and social competences
Competencies for conducting scientific research and teaching in higher education
Competencies for participation in scientific research projects
Scientific and research interest

Mining and drilling and PMS

Underground storage of energy and waste, drilling, preparation of mineral raw materials

(occupation) and current training	Underground energy storage and preparation of mineral raw materials
Planned training	Underground energy storages
Organizational skills and competencies	Organizational skills and competence in all aspects related to underground structures, drilling and preparation of mineral raw materials
Technical skills and competencies	Construction of underground gas storage facilities, drilling and PMS
Computer skills and competencies	Knowledge of the Office software package (Word, Excel, Power Point),
Artistic skills and competencies	Piano and string instruments

I, the undersigned, hereby confirm that to the best of my knowledge and on my behalf, the information provided above is correct in describing me, my qualifications and my experience in my previous work.

Tuzla 03.03.2026

Ph.D.Sc. Adnan Hodžić Ed. Prof