

Academic Curriculum vitae



Personal information

First and last name	Adnan Ibrahimović		
Addresses	Krecanska 15A		
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Email/Web	adnan.ibrahimovic@untz.ba		
Citizenship	Bosnia and Herzegovina		
Date of birth	July 15, 1969		
Gender	Male		

Current workplace/position/title	University of Tuzla-RGGF/full professor/dean of the faculty/doctor of technical sciences
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Work experience

Dates	From January 23, 2020 to today
Position / occupation / title	Teacher/full professor/doctor of technical sciences in the field of civil engineering
Basic responsibilities and duties	Participation in the teaching process in the study programs: Civil Engineering, Mining, Well Exploitation of Mineral Raw Materials and Geology. Participation in scientific research work at the Department of Mechanics with Geomechanics and Geotechnics.
Employer name	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Type of business activity of the employer	Education and scientific research

Dates	From 22.01.2014 to 22.01.2020.
Position / occupation / title	Teacher/Associate Professor/Doctor of Technical Sciences in the field of Civil Engineering

Basic responsibilities and duties	Participation in the teaching process in the study programs: Civil Engineering, Mining, Well Exploitation of Mineral Raw Materials and Geology. Participation in scientific research work at the Department of Mechanics with Geomechanics and Geotechnics.
Employer name	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Type of business activity of the employer	Education and scientific research
Dates	From 21.01. 2009 to 21.01.2014.
Position / occupation / title	Teacher/associate professor/doctor of technical sciences in the field of construction
Basic responsibilities and duties	Participation in the teaching process in the study programs: Civil Engineering, Mining, Well Exploitation of Mineral Raw Materials and Geology. Participation in scientific research work at the Department of Mechanics with Geomechanics and Geotechnics.
Employer name	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Type of business activity of the employer	Education and scientific research
Dates	From 2011 to 2016
Position / occupation / title	Teacher/associate professor/doctor of technical sciences in the field of construction
Basic responsibilities and duties	Teacher of the courses Soil and Rock Mechanics, Resistance of Materials I and Resistance of Materials II
Employer name	Department of Civil Engineering, Polytechnic Faculty, University of Zenica
Type of business activity of the employer	Education and scientific research
Dates	From 2003 to 2009
Position / occupation / title	Associate/senior assistant/master of technical sciences in the field of construction
Basic responsibilities and duties	Participation in the teaching process in the study program Civil Engineering, in the subjects: Resistance of materials with the theory of elasticity, Earthworks and construction machinery ; in the study program Well exploitation of mineral raw materials, in the subjects: Resistance of materials, Fluid transport, and subjects from the scientific field of Materials. Participation in scientific research work at the Department of Mechanics with Geomechanics and Geotechnics.
Employer name	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Type of business activity of the employer	Education and scientific research
Dates	From 1999 to 2003
Position / occupation / title	Associate/assistant/diplo.eng.mining
Basic responsibilities and duties	Participation in the teaching process at the Department of Civil Engineering, in the subjects: Resistance of Materials with the Theory of Elasticity, Earthworks and Construction Machinery, and at the Department of Well Exploitation of Mineral Raw Materials: Resistance of Materials, Fluid Transport.
Employer name	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Type of business activity of the employer	Education and scientific research

Education and training

Dates	From 1976 to 1984
Qualification acquired	Primary education
Field of science and profession, acquired titles and skills	Primary education
Name and type of organization	Elementary School "Vuk Stefanović Karadžić" Bratunac
Dates	From 1984 to 1988
Qualification acquired	Secondary education, high school diploma
Field of science and profession, acquired titles and skills	Civil engineering, construction technician
Name and type of organization	Secondary School Center "Đuro Pucar Stari" Bratunac
Dates	From 1989 to 1992
Qualification acquired	Faculty of Civil Engineering, University of Sarajevo, studies interrupted due to aggression against the Republic of Bosnia and Herzegovina
Field of science and profession, acquired titles and skills	
Name and type of organization	Faculty of Civil Engineering, University of Sarajevo
Dates	From 1993 to 1997
Qualification acquired	VII degree, graduate mining engineer, graduated on 16.07.1997.
Field of science and profession, acquired titles and skills	Mining, Bachelor of Mining Engineering
Name and type of organization	Faculty of Mining and Geology, University of Tuzla
Dates	From 2000 to 2003
Qualification acquired	Master of Technical Sciences in the field of geology, graduated on April 29, 2003.
Field of science and profession, acquired titles and skills	Soil and Rock Mechanics, Master of Technical Sciences
Name and type of organization	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Dates	From 2001 to 2006
Acquired classification	Master of Technical Sciences in the field of construction, specialization Geotechnics, master's degree on 27.12.2006.

Field of science and profession, acquired titles and skills	Geotechnics, Master of Technical Sciences
Name and type of organization	Faculty of Mining, Geology and Civil Engineering, University of Tuzla
Dates	From 2005 to 2008
Acquired classification	Doctor of Technical Sciences in the field of Civil Engineering, major in Geotechnics, doctoral dissertation defended on 05.07.2008.
Field of science and profession, acquired titles and skills	Geotechnics, doctor of technical sciences
Name and type of organization	Faculty of Mining, Geology and Civil Engineering, University of Tuzla

Scientific papers within formal education

Title of work	Doctoral dissertation " Slope stability in rocks with wedge fracture and rehabilitation conditions "
The institution where the paper was prepared	University of Tuzla, Faculty of Mining, Geology and Civil Engineering , dissertation defended on 05.07.2008.
Year and place	2008, Tuzla
Title of work	Master's thesis " Analysis of stability and methods of repair of wedge fracture in rocks "
The institution where the paper was prepared	University of Tuzla, Faculty of Mining, Geology and Civil Engineering, master's thesis defended on 27.12.2006.
Year and place	2006, Tuzla
Title of work	Master's thesis " Theories of failure of rock material in solving the stability of building structures in rock mass "
The institution where the paper was prepared	University of Tuzla, Faculty of Mining, Geology and Civil Engineering, master's thesis defended on 29.04.2003.
Year and place	2003, Tuzla

Selected publications and presentations

Publication name	Engineering-geological processes and phenomena at the "Gornja Dobošnica" landslide
Authors	<u>A. Ibrahimović</u> , E. Babajić
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering Tuzla, No. XXIII, 2001, Tuzla, pp. 63 to 68, ISSN: 1512-7044
Publication name	Cadastre of wild landfills - Application of TA ABFALL standards
Authors	R. Šišić, E. Babjić, <u>A. Ibrahimović</u>

Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering Tuzla, issue XXIV , 2002, Tuzla, pp. 129 to 133, ISSN: 1512-7044
Publication name	Stability analyses of traffic tunnels
Authors	<u>Adnan Ibrahimović</u> , Damir Zenunović, Ahmet Imamović
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering Tuzla, No. XXVII, 2004, Tuzla, pp. 127 to 133, ISSN: 1512-7044
Publication name	Mode as an indicator of the existence of factors influencing rock strength
Authors	<u>Adnan Ibrahimović</u> , Indira Sijerčić, Enver Mandžić
Publisher, year and place	I Consultation of BiH geologists with international participation, 2004, Muška voda–Kladanj, (Published in Sarajevo 2006), p. 92 to 94, ISBN 9958-9193-0-3
Publication name	Deformation of the boundary plane of a homogeneous, elastic and isotropic half-space under a circularly loaded surface
Authors	Ahmet Imamović, Damir Zenunović, <u>Adnan Ibrahimović</u>
Publisher, year and place	II International Conference "Geotechnical Engineering", Proceedings GTE 2004, 2004, Sarajevo.
Publication name	Development and principles of rock fracture theories
Authors	<u>Adnan Ibrahimović</u> , Enver Mandžić
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering Tuzla, No. XXVIII, 2005, Tuzla, pp. 81 to 88, ISSN: 1512-7044
Publication name	Analysis of stress-deformation states and assessment of slope stability in rocks
Authors	<u>Adnan Ibrahimović</u> , Damir Zenunović, Indira Sijerčić
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering Tuzla, No. XXVIII, 2005, Tuzla, pp. 129 to 133, ISSN: 1512-7044
Publication name	Shearing of limestone along discontinuities
Authors	Enver Mandzic, Kenan Mandzic, <u>Adnan Ibrahimovic</u>
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering, No. XXX, 2006, Tuzla, pp. 85 to 89, ISSN: 1512-7044
Publication name	Phenomenon and identification of wedge fracture
Authors	<u>Adnan Ibrahimović</u> , Kenan Mandžić, Kemal Gutić
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering Tuzla, issue XXX, 2006, Tuzla, pp. 91 to 97, ISSN: 1512-7044
Publication name	Methods and conditions for wedge movement on slopes in rock mass
Authors	<u>Adnan Ibrahimović</u> , Kemal Gutić, Kenan Mandžić
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering, Tuzla, issue XXX, 2006, Tuzla, pp. 99 to 105, ISSN: 1512-7044

Publication name	Construction technical stone - state and perspectives
Authors	Nedžad Alic, Salko Bukvarevic, Kenan Mandžić, <u>Adnan Ibrahimović</u>
Publisher, year and place	International Scientific and Professional Conference TIMC 05/06: Trends in Modern Mining, Monograph of Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering, No. XXXII, 2006, Tuzla, pp. 97 to 101, ISSN 1512-7044
Publication name	Effect of porosity on the strength of Tenelia
Authors	Kenan Mandžić, <u>Adnan Ibrahimović</u>
Publisher, year and place	Proceedings, Bulletin of the Faculty of Mining, Geology and Civil Engineering Tuzla, issue XXX, 2006, Tuzla, pp. 81 to 84, ISSN 1512-7044
Publication name	Identification of a wedge on a rock slope and evaluation of its stability using vector methods
Authors	<u>Adnan Ibrahimović</u> , Miralem Mulać
Publisher, year and place	Second scientific-professional conference "Geotechnical aspects of civil engineering", Proceedings, 2007, Soko Banja, pp. 221 to 230, UDC: 624.127.2.046.3, ISBN 978-86-904089-4-8
Publication name	Principles of probabilistic methods and dynamic equilibrium equation methods in slope stability analysis in rocks
Authors	<u>Adnan Ibrahimović</u> , Elvir Babajić, Kenan Mandžić
Publisher, year and place	Second scientific-professional conference "Geotechnical aspects of civil engineering", Proceedings, 2007, Soko Banja, pp. 451 to 460, UDC: 624.127.2.046.3, ISBN 978-86-904089-4-8
Publication name	The frequency of landslides in the area of the Municipality of Tuzla and their impact on spatial planning
Authors	Miralem Mulać, <u>Adnan Ibrahimović</u>
Publisher, year and place	Second scientific-professional conference "Geotechnical aspects of civil engineering", Proceedings, 2007, Soko Banja, pp. 31 to 38, UDC: 624.131.537(497.6), 711.142(497.6), ISBN 978-86-904089-4-8
Publication name	Effect of sample size on Tenelia strength
Authors	Kenan Mandžić, Eldar Husejnagić, <u>Adnan Ibrahimović</u> , Toni Nikolić
Publisher, year and place	Second scientific-professional conference "Geotechnical aspects of civil engineering", Proceedings, 2007, Soko Banja, pp. 63 to 66, UDK: 552.554:552.1, 620.1:691.215.11, ISBN 978-86-904089-4-8
Publication name	Defining the kinematic parameters of rock foundation soil in seismic conditions
Authors	Damir Zenunović, <u>Adnan Ibrahimović</u>
Publisher, year and place	First Scientific-Professional Conference "Earthquake Engineering and Engineering Seismology", Proceedings, 2008, Soko Banja, pp. 185 to 192, UDC: 624.121.042.7, ISBN 978-86-904089-5-5
Publication name	Impact of artificially induced earthquakes on individual residential buildings
Authors	Eldar Huseinagić, Kenan Mandžić, <u>Adnan Ibrahimović</u>

Publisher, year and place	First Scientific-Professional Conference "Earthquake Engineering and Engineering Seismology", Proceedings, 2008, Soko Banja, pp. 193 to 200, UDC: 624.131.552:622.235, ISBN 978-86-904089-5-5
Publication name	Raw material potentials of the Tuzla region for the production of packaging glass
Authors	Zijad Pašić, <u>Adnan Ibrahimović</u>
Publisher, year and place	VII Scientific and Professional Symposium with International Participation "Metallic and Non-Metallic Materials", Proceedings, 2008, Zenica, pp. 485 to 490, ISBN 978-9958-785-10-8
Publication name	Hazard and risk of rock slopes
Authors	<u>Adnan Ibrahimović</u> , Damir Zenunović
Publisher, year and place	Sixth Scientific and Professional Conference on Condition Assessment, Maintenance and Rehabilitation of Buildings and Settlements, Association of Civil Engineers of Serbia, Traffic Institute CIP Belgrade, Institute "Kirilo Savić" Belgrade, 19–21 May 2009, Divčibare, Serbia, pp. 141-150, ISBN 978-86-904089-6-2, UDK: 624.121.537
Publication name	Stability of a wedge block on a rock slope as a function of the mechanical characteristics of the discontinuity and engineering geological conditions
Authors	<u>Adnan Ibrahimović</u> , Kemal Gutić
Publisher, year and place	Third Scientific and Professional Conference Geotechnical Aspects of Civil Engineering, Association of Civil Engineers of Serbia, October 20–23, 2009, Zlatibor, Serbia, pp. 255-266, ISBN 978-86-904089-7-9, UDC: 624.121.537
Publication name	Relevant factors in defining slope rehabilitation conditions in rocks with wedge fracture
Authors	<u>Adnan Ibrahimović</u> , Kemal Gutić, Nedžad Alić
Publisher, year and place	First Regional Scientific and Professional Conference GTZ 2009: State and Development Directions of Civil Engineering, Faculty of Mining, Geology and Civil Engineering Tuzla, 29–30 October 2009, Tuzla, Bosnia and Herzegovina, pp. 251-264, ISBN 9958-628-14-16, UDC: 624.137.2.046.5
Publication name	The influence of engineering-geological specificities of the rock mass on the phenomenon of wedge failure of the slope
Authors	<u>Adnan Ibrahimović</u> , Sabid Zekan
Publisher, year and place	Eleventh National and Fifth International Scientific Conference iNDiS 2009: Planning, Design, Construction and Renovation of Civil Engineering, Faculty of Technical Sciences Novi Sad, 25–27 November 2009, Novi Sad, Serbia, pp. 207-214, , ISBN 978-86-7892-220-6
Publication name	Methodology of the integrated geotechnical projecting at the tunneling
Authors	Branko Stojković, Kemal Gutić, <u>Adnan Ibrahimović</u>
Publisher, year and place	TTEM (Technics, Technologies, Education, Management), Journal of Society for Development of Teaching and Business Processes in New Net Environment in B&H, DRUNPP, 2010, Sarajevo, (indexed journal listed in: SCI Expanded – Thomson Reuters, EBSCO Publishing (EP) USA), p. 26-31, Vol. 5, No. 1 2010, ISSN 1840-1503

Publication name	Possibilities of determining correlation for values of safety factors of slopes formed in different rocks
Authors	<u>Adnan Ibrahimovic</u>
Publisher, year and place	First National Symposium with International Participation TEIK 2010: Theoretical and Experimental Research of Structures and Their Application in Civil Engineering, Faculty of Civil Engineering and Architecture Niš, 18–19 March 2010, Niš, Serbia, pp. D-71 – D-80, Book 3, D-Civil Engineering, ISBN: 978-86-80295-86-2
Publication name	Distinct Element Method (DEM) – A tool for seismic analysis of slope stability in rock
Authors	<u>Adnan Ibrahimović</u> , Sabid Zekan
Publisher, year and place	Second Scientific and Professional Conference Earthquake Engineering and Engineering Seismology, Association of Civil Engineers of Serbia, 27–30 April 2010, Divčibare, Serbia, pp. 69-76, ISBN 978-86-904089-8-6, UDC: 624.131.537.042.7
Publication name	Methodological principles of assessment of conditions and selection of protective measures on the designed slope of cuts and cuts of the road
Authors	<u>Adnan Ibrahimović</u> , Kenan Mandžić
Publisher, year and place	Seventh Scientific and Professional Conference on Condition Assessment, Maintenance and Rehabilitation of Buildings and Settlements, Association of Civil Engineers of Serbia, May 9–11, 2011, Zlatibor, Serbia, pp. 101-110, ISBN 978-86-80295-98-5, UDC: 625.736
Publication name	Selection of the Optimum Geotechnical Protective Measures on Slope of Road Cutting
Authors	<u>Adnan Ibrahimovic</u>
Publisher, year and place	15 th International Research/Expert Conference TMT 2011: Trends in the Development of Machinery and Associated Technology, Faculty of Mechanical Engineering in Zenica/University of Zenica, Escola Tecnica Superior D'Enginyeria Industrial de Barcelona/Universitat Politecnica de Catalunya, Mühendislik Fakültesi/Bahçeşehir University Istanbul, 12.-18. September 2011, Prague, Czech Republic, p. 945-948, ISSN 1840-4944
Publication name	Techno-economic optimization of rehabilitation of shallow landslides using supporting stone walls
Authors	<u>Adnan Ibrahimović</u> , Azmir Spahić
Publisher, year and place	Fourth Scientific and Professional Conference Geotechnical Aspects of Civil Engineering, Association of Civil Engineers of Serbia, Serbian Society for Soil Mechanics and Geotechnical Engineering, IMS Institute Belgrade, Traffic Institute CIP Belgrade, 1–3 November 2011, Zlatibor, Serbia, pp. 355-362, ISBN 978-86-88897-00-6, UDK: 624.131.537.059.2/3 : 624.137.5.012
Publication name	Generalization of general slope conditions for road reconstruction in complex engineering-geological and geomechanical conditions
Authors	Kenan Mandžić, Đenari Ćerimagić, <u>Adnan Ibrahimović</u> , Enver Mandžić
Publisher, year and place	Seventh Scientific and Professional Conference on Condition Assessment, Maintenance and Rehabilitation of Buildings and Settlements, Association of Civil Engineers of Serbia, May 9–11, 2011, Zlatibor, Serbia, pp. 111-116, ISBN 978-86-80295-98-5, UDC: 625.736

Publication name	Geotechnical and geodetic aspects of landslide research in shale
Authors	Erna Mandzic, Kenan Mandzic, <u>Adnan Ibrahimovic</u>
Publisher, year and place	Fourth Scientific and Professional Conference Geotechnical Aspects of Civil Engineering, Association of Civil Engineers of Serbia, Serbian Society for Soil Mechanics and Geotechnical Engineering, IMS Institute Belgrade, Traffic Institute CIP Belgrade, 1–3 November 2011, Zlatibor, Serbia, pp. 261-266, ISBN 978-86-88897-00-6, UDK: 624.131.537 : 552.522
Publication name	Numerical Modeling and Slope Reparation Methods in An Altered and Unstable Serpentine Rock Mass
Authors	Mirza Memic, Radomir Folic, <u>Adnan Ibrahimovic</u>
Publisher, year and place	BUILDING MATERIALS AND STRUCTURES, Journal for Research of Materials and Structures, Society for Materials and Structures Testing of Serbia, 2012, Belgrade, p. 23-45, 55 (2012), 4, ISSN 0543-0798, UDC: 624.071.23 = 861
Publication name	The concept of protection and rehabilitation of slopes and notches in function of the forms of instability, frequency and magnitude of their occurrence
Authors	<u>Adnan Ibrahimović</u> , Alisa Babajić, Erna Mandžić
Publisher, year and place	Second International Scientific Conference GTZ 2012: State and Development Directions of Civil Engineering and Second Conference GEO-EXPO 2012, Faculty of Mining, Geology and Civil Engineering Tuzla, Geotechnical Society of Bosnia and Herzegovina, In scan doo, 7–9 June 2012, Tuzla, Bosnia and Herzegovina, pp. 483-492, ISBN: 978-9958-628-16-0
Publication name	Optimization of the Stability Factors of High Concrete Retaining Walls with Reioncrete Console
Authors	Nedim Suljić, Zahid Bašić, <u>Adnan Ibrahimović</u>
Publisher, year and place	16 th International Research/Expert Conference TMT 2012: Trends in the Development of Machinery and Associated Technology, Faculty of Mechanical Engineering in Zenica/University of Zenica, Escola Tecnica Superior D'Enginyeria Industrial de Barcelona/Universitat Politecnica de Catalunya, Mühendislik Fakültesi/Bahçeşehir University Istanbul, 10.–12. September 2012, Dubai, United Arab Emirates, p. 503-506, ISSN 1840-4944
Publication name	Feasibility and techno-economic effects of constructing artificial slopes on traffic routes in hilly and mountainous areas
Authors	<u>Adnan Ibrahimović</u> , Alisa Babajić, Elvir Babajić
Publisher, year and place	International Scientific Conference iNDiS 2009: Planning, Design, Construction and Renovation of Civil Engineering, Faculty of Technical Sciences Novi Sad, 28–30 November 2012, Novi Sad, Serbia, pp. 106-115, , ISBN 978-86-7892-452-1, UDC: 624.93
Publication name	Comparative Analysis of Evaluation Methods of the Dislocation of Flexible Anchored Concrete Diaphragm Walls
Authors	Radomir Folic, Mirza Memic, <u>Adnan Ibrahimovic</u>
Publisher, year and place	BUILDING MATERIALS AND STRUCTURES, Journal for Research of Materials and Structures, Society for Materials and Structures Testing of Serbia, 2013, Belgrade, p. 19-43, 56 (2013), 2, ISSN 0543-0798, UDC: 624.137 = 861

Publication name	Some methods of estimating the displacement of flexible anchor support structures
Authors	Mirza Memić, Radomir Folic, <u>Adnan Ibrahimović</u>
Publisher, year and place	Eighth Scientific and Professional International Conference on Condition Assessment, Maintenance and Rehabilitation of Buildings and Settlements, Association of Civil Engineers of Serbia, IMS Institute Belgrade, Bor Mining and Smelting Basin, 14–16 May 2013, Bor Lake, Serbia, pp. 293-302, ISBN 978-86-88897-03-7, UDK: 624.137 : 519.673
Publication name	Cost dependence function and safety factor in the rehabilitation of shallow landslides in clay with reinforced concrete support structures
Authors	Azmir Spahić, <u>Adnan Ibrahimović</u>
Publisher, year and place	Eighth Scientific and Professional International Conference on Condition Assessment, Maintenance and Rehabilitation of Buildings and Settlements, Association of Civil Engineers of Serbia, IMS Institute Belgrade, Bor Mining and Smelting Basin, 14–16 May 2013, Bor Lake, Serbia, pp. 321-328, ISBN 978-86-88897-03-7, UDC: 624.131.542.624.138] : 338.5 (497.6)
Publication name	Relationships of geomechanical parameters of peridotite-serpentine
Authors	Enver Mandžić, Kenan Mandžić, Elvir Babajić, <u>Adnan Ibrahimović</u> , Erna Mandžić
Publisher, year and place	Fifth Conference of Geologists of Bosnia and Herzegovina with International Participation, Association of Geologists of Bosnia and Herzegovina, 24–25 October 2013, Pale, Bosnia and Herzegovina, pp. 589-595, ISSN 1840-4073
Publication name	Research and rehabilitation of landslides in Osulin material at the location "Kalovljakova Luka"
Authors	Kenan Mandžić, Enver Mandžić, <u>Adnan Ibrahimović</u> , Erna Mandžić, Ismihana Sarač
Publisher, year and place	Fifth Conference of Geologists of Bosnia and Herzegovina with International Participation, Association of Geologists of Bosnia and Herzegovina, 24–25 October 2013, Pale, Bosnia and Herzegovina, pp. 581-588, ISSN 1840-4073
Publication name	The influence of changing soil parameters on the movement of reinforced concrete diaphragms
Authors	Mirza Memić, Radomir Folic, <u>Adnan Ibrahimović</u>
Publisher, year and place	Fifth Scientific and Professional International Conference Geotechnical Aspects of Civil Engineering, Association of Civil Engineers of Serbia, 29–31 October 2013, Sokobanja, Serbia, pp. 93-102, ISBN 978-86-88897-04-4, COBISS.SR-ID 201990156, UDC: 624.13F:519.6, 624.131.54:519.6
Publication name	Characteristics of peridotite-serpentine in the construction of geotechnical facilities
Authors	Enver Mandžić, Kenan Mandžić, Elvir Babjić, <u>Adnan Ibrahimović</u> , Erna Mandžić
Publisher, year and place	Fifth Scientific and Professional International Conference Geotechnical Aspects of Civil Engineering, Association of Civil Engineers of Serbia, 29–31 October 2013, Sokobanja, Serbia, pp. 93-102, ISBN 978-86-88897-04-4, COBISS.SR-ID 201990156, UDC: 552.321.6:624.121
Publication name	Influence of Volume Weight on Gabro Uniaxial Compression Strength
Authors	Kenan Mandžić, <u>Adnan Ibrahimović</u>

Publisher, year and place	Archives of Technical Sciences, Journal of the Technical Institute of Bijeljina, 2015, Bijeljina, pp. 9-18, Year VII, Number 12, ISSN 1840-4855, e-ISSN 2233-0046, DOI:10.7251/afts.2015.0712.009M, COBISS.RS-ID 4987672, UDC: 621.43.052/.056:662.756.3
Publication name	Causes of Occurrence and Conditions for Landslide Remediation at the Orthodox Cemetery in Ugljevik
Authors	Enver Mandžić, Kenan Mandžić, Erna Mandžić, <u>Adnan Ibrahimović</u>
Publisher, year and place	2nd ^{Regional} Symposium on Landslides in the Adriatic-Balkan Region, ReSyLAB, 14.-16. May 2015, Belgrade, Serbia, pp. 81-84, ISBN 978-86-7352-296-8, COBISS.SR-ID 2344417420
Publication name	Causes of Occurrence and Conditions for Landslide Remediation at the Catholic Cemetery in Tuzla
Authors	Enver Mandžić, Kenan Mandžić, Erna Mandžić, <u>Adnan Ibrahimović</u>
Publisher, year and place	2nd ^{Regional} Symposium on Landslides in the Adriatic-Balkan Region, ReSyLAB, 14.-16. May 2015, Belgrade, Serbia, pp. 81-84, ISBN 978-86-7352-296-8, COBISS.SR-ID 2344417420
Publication name	Assessment of the condition and threat of settlements in cases of occurrence of landslides of large apparent magnitude
Authors	<u>Adnan Ibrahimović</u> , Kenan Mandžić, Zijad Ferhatbegović
Publisher, year and place	Ninth International Scientific and Professional Conference on Condition Assessment, Maintenance and Rehabilitation of Buildings and Settlements, Association of Civil Engineers of Serbia, 25–29 May 2015, Zlatibor, Serbia, pp. 523-532, ISBN 978-86-88897-06-8, COBISS.SR-ID 215130892, UDC: 614.8:551.435.627
Publication name	Mode as an indicator of the existence of a separate influential factor for the bulk density of gabbro
Authors	Kenan Mandžić, <u>Adnan Ibrahimović</u>
Publisher, year and place	First Congress of Geologists of Bosnia and Herzegovina with International Participation, Association/Association of Geologists of Bosnia and Herzegovina, 21–23 October 2015, Tuzla, Bosnia and Herzegovina, p. 182 in Book of Abstracts, Proceedings published electronically only, ISSN 184-4073
Publication name	Geodetic subsurfaces as indicators of potential fracture planes in artificial tailings dumps
Authors	Azmir Spahić, <u>Adnan Ibrahimović</u>
Publisher, year and place	Sixth International Scientific and Professional Conference Geotechnical Aspects of Civil Engineering, Association of Civil Engineers of Serbia, November 3–6, 2015, Vršac, Serbia, pp. 427-434, ISBN 978-86-88897-07-5, COBISS.SR-ID 218635788, UDC: 622.271.4 : 624.137
Publication name	Geomechanical conditions and possibilities of using industrial waste materials in road construction
Authors	<u>Adnan Ibrahimović</u> , Kenan Mandžić, Hasan Hadžić, Jasmin Hrnjadović
Publisher, year and place	Thirteenth International Scientific Conference iNDiS 2015: Planning, Design, Construction and Renovation of Buildings, University of Novi Sad, Faculty of

Technical Sciences, Department of Civil Engineering and Geodesy, Department of Architecture and Urban Planning in cooperation with the Society of Civil Engineers of Serbia, 25–27 November 2015, Novi Sad, Serbia, pp. 99-112, ISBN 978-86-7892-749-2, COBISS.SR-ID 301191687, UDK: 691

Publication name	Rehabilitation of the foundation pit slope and slope with reinforced concrete bored piles and wall panels
Authors	<u>Adnan Ibrahimović</u> , Kenan Mandžić, Jasmin Hrnjadović, Hasan Hadžić
Publisher, year and place	Third International Scientific Conference E-GTZ 2016: State and Development Directions of Civil Engineering and Environmental Engineering, Faculty of Mining, Geology and Civil Engineering, University of Tuzla, Geotechnical Society of Bosnia and Herzegovina, Faculty of Civil Engineering, University "Džemal Bijedić" in Mostar, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, University of Novi Sad, 2–4 June 2016, Tuzla, Bosnia and Herzegovina, pp. 413-424, ISSN 2490-2535, ISBN 978-9958-628-18-4, COBISS.BH-ID 23035142
Publication name	Complex destruction of road structures, retaining walls and terrain under the influence of water from an untapped source
Authors	Kenan Mandžić, Enver Mandžić, <u>Adnan Ibrahimović</u> , Salko Kulukčija
Publisher, year and place	Third International Scientific Conference E-GTZ 2016: State and Development Directions of Civil Engineering and Environmental Engineering, Faculty of Mining, Geology and Civil Engineering, University of Tuzla, Geotechnical Society of Bosnia and Herzegovina, Faculty of Civil Engineering, University "Džemal Bijedić" in Mostar, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, University of Novi Sad, 2–4 June 2016, Tuzla, Bosnia and Herzegovina, pp. 431-424, ISSN 2490-2535, ISBN 978-9958-628-18-4, COBISS.BH-ID 23035142
Publication name	Parametric Analysis in Numerical Models of RC Anchored Diaphragms
Authors	Mirza Memic, Radomir Folic, <u>Adnan Ibrahimovic</u>
Publisher, year and place	Third International Scientific Conference E-GTZ 2016: State and Development Directions of Civil Engineering and Environmental Engineering, Faculty of Mining, Geology and Civil Engineering, University of Tuzla, Geotechnical Society of Bosnia and Herzegovina, Faculty of Civil Engineering, University "Džemal Bijedić" in Mostar, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, University of Novi Sad, 2–4 June 2016, Tuzla, Bosnia and Herzegovina, pp. 455-464, ISSN 2490-2535, ISBN 978-9958-628-18-4, COBISS.BH-ID 23035142
Publication name	Risk Analysis in Civil Engineering
Authors	Damir Zenunović, Radomir Folic, <u>Adnan Ibrahimović</u> , Kenan Mandžić
Publisher, year and place	Third International Scientific Conference E-GTZ 2016: State and Development Directions of Civil Engineering and Environmental Engineering, Faculty of Mining, Geology and Civil Engineering, University of Tuzla, Geotechnical Society of Bosnia and Herzegovina, Faculty of Civil Engineering, University "Džemal Bijedić" in Mostar, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, University of Novi Sad, 2–4 June 2016, Tuzla, Bosnia and Herzegovina, pp. 809-816, ISSN 2490-2535, ISBN 978-9958-628-18-4, COBISS.BH-ID 23035142
Publication name	Numerical Modeling of Seismic Actions on RC Anchored Diaphragm

Authors	Mirza Memić, Radomir Folic, <u>Adnan Ibrahimović</u>
Publisher, year and place	Fifth International Scientific and Professional Conference Earthquake Engineering and Engineering Seismology, Association of Civil Engineers of Serbia, June 29–30, 2016, Sremski Karlovci, Serbia, pp. 317-326, ISBN 978-86-88897-08-2, COBISS.SR-ID 224169996, UDC: 624.137.7.012.45 : 519.673
Publication name	The Challenges of Reconstruction and Maintenance of the Built Cultural and Historical Heritage of Bosnia and Herzegovina
Authors	<u>Adnan Ibrahimović</u> , Damir Zenunović, Kenan Mandžić, Enver Mandžić
Publisher, year and place	International Scientific Conference BASA'2016, Bulgarian Academy of Science and Arts, 23.–25. November 2016, Sofia, Bulgaria, p. 87-101, ISBN 978-954-8931-50-2
Publication name	Destruction of Old Buildings in Tuzla City Center due to Subsidence of Terrain in the Zone of Salt Exploitation
Authors	Kenan Mandžić, <u>Adnan Ibrahimović</u> , Damir Zenunović, Enver Mandžić
Publisher, year and place	International Scientific Conference BASA'2016, Bulgarian Academy of Science and Arts, 23.–25. November 2016, Sofia, Bulgaria, p. 103-109, ISBN 978-954-8931-50-2
Publication name	Quality Assurance During Reconstruction of the Old Bridge Mostar, UNESCO Heritage
Authors	Damir Zenunović, Kenan Mandžić, <u>Adnan Ibrahimović</u> , Enver Mandžić
Publisher, year and place	International Scientific Conference BASA'2016, Bulgarian Academy of Science and Arts, 23.–25. November 2016, Sofia, Bulgaria, p. 257-265, ISBN 978-954-8931-50-2
Publication name	The Impact of Landslides with Great Magnitude of Occurrence on Urbanization, State Assessment and Vulnerability of the Settlements
Authors	<u>Adnan Ibrahimović</u> , Kenan Mandžić
Publisher, year and place	Seventh Scientific and Professional International Conference Geotechnical Aspects of Civil Engineering, Association of Civil Engineers of Serbia, November 14–17, 2017, Šabac, Serbia, pp. 335-344, ISBN 978-86-88897-10-5, COBISS.SR-ID 249512716, UDC: 624.131.54
Publication name	Methodology of Landslide Susceptibility Maps Creation in Small Scale on Municipality Prozor-Rama Example
Authors	Elvir Babajic, Nedreta Kikanovic, Kenan Mandzic, <u>Adnan Ibrahimovic</u> , Sanela Hodzic
Publisher, year and place	Bulletin of the Faculty of Mining, Geology and Civil Engineering, Scientific and professional journal for research in scientific fields 1, 5, 2.1 and 2.7 (Frascati), Faculty of Mining, Geology and Civil Engineering, University of Tuzla, 2018, Tuzla, pp. 47-54, Year 2018, Issue 6, ISSN 2303-5145
Publication name	Petromechanics of the Jablanica gabbro
Authors	Kenan Mandžić, Elvir Babajić, <u>Adnan Ibrahimović</u> , Enver Mandžić
Publisher, year and place	e-ZBORNİK: Electronic Proceedings of the Faculty of Civil Engineering, Electronic Magazine of the Faculty of Civil Engineering, University of Mostar, Faculty of Civil Engineering, University of Mostar, 2018, Mostar, p. 138-151, Year 8, September

2018, Special issue with papers 3. Symposium with international participation: Herzegovina - land of stone, ISSN 2232-9080

- | | |
|---------------------------|--|
| Publication name | Physical and Mechanical Specificities of "Tenelija" Stone |
| Authors | Kenan Mandžić, <u>Adnan Ibrahimović</u> , Enver Mandžić |
| Publisher, year and place | Archives of Technical Sciences, Journal of the Technical Institute of Bijeljina, 2019, Bijeljina, pp. 13-22, Year XI, Issue 20, ISSN 1840-4855, e-ISSN 2233-0046, DOI:10.7251/afts.2019.1120.013M, COBISS.RS-ID 8099096, UDC: 553.55.08:691.2(497.6) |
| | |
| Publication name | The Importance of Geomechanical Parameters Selection for Geotechnical Calculation |
| Authors | Kenan Mandžić, <u>Adnan Ibrahimović</u> , Enver Mandžić |
| Publisher, year and place | II Congress of Geologists of Bosnia and Herzegovina with International Participation, Association of Geologists of Bosnia and Herzegovina, 2–4 October 2019, Laktaši, Bosnia and Herzegovina, pp. 456-465, ISSN 1840-4073 |
| | |
| Publication name | Significance of Landslide Susceptibility Maps in Creation of Spatial Planning Documentation |
| Authors | Kenan Mandzic, Nedreta Kikanovic, <u>Adnan Ibrahimovic</u> |
| Publisher, year and place | Proceedings of the 4 th Regional Symposium on Landslides in the Adriatic–Balkan Region – ReSyLAB, Geotechnical Society of Bosnia and Herzegovina, 23.–25. October 2019, Sarajevo, Bosnia and Herzegovina, p. 133-139, DOI: doi.org/10.35123/ReSyLAB_2019_22, ISBN 978-9926-8400-0-6, COBISS.BH-ID 28158214 |
| | |
| Publication name | Improvement of the creation of spatial planning documentation using maps of terrain susceptibility to sliding |
| Authors | Nedreta Kikanovic, Kenan Mandzic, <u>Adnan Ibrahimovic</u> |
| Publisher, year and place | Second Conference on Urban Planning and Regional Development, Association of Consulting Engineers of Bosnia and Herzegovina, 15–16 October 2020, Sarajevo, Bosnia and Herzegovina, pp. 288-298, ISSN 2744-1563 (Print), 2744-1571 (Online) |
| | |
| Publication name | Landslide Susceptibility Maps (LSM) – Methodology and Application in Spatial Planning |
| Authors | <u>Adnan Ibrahimović</u> , Kenan Mandžić, Nedreta Kikanović, Elvir Babajić |
| Publisher, year and place | The International Conference Synergy of Architecture & Civil Engineering SINARG 2023, Faculty of Civil Engineering and Architecture University of Niš, Serbian Academy of Sciences and Arts – Branch in Niš, Serbian Academy of Sciences and Arts – Department of Technical Sciences, 14.–15. September 2023, Niš, Serbia, Proceedings Volume 2, p. 1154-1165, ISBN 978-86-88601-81-8, ISBN 978-86-88601-82-5 (for publishing issue) |

Selected projects and presentations

Name	Tempus Phare Joint European Project: CURRICULUM AND EDUCATION IN THE FIELD OF SOIL ECOLOGY, University of Tuzla, RGGF Tuzla, ETP-New JEP 1999 – 2001.
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	University of Tuzla, RGGF Tuzla, 1999-2001, Tuzla
Name	DAAD Project: "Environmental Protection - Old Landfills", University of Kaiserslautern, University of Banja Luka, University of Mostar, University of Tuzla, 2000, 2001.
Authors	Adnan Ibrahimović, project participant
Publisher, year and place	University of Tuzla, 2000, 2001.
Name	Project: "Feasibility study for the Orašje (Sava River) - Tuzla (Šićki Brod) motorway, 61 km long", Engineering geological report for all variants, Phase 1.a, Consortium Faculty of Mining, Geology and Civil Engineering Tuzla, Lineal doo Maribor, IGRO consulting Ljubljana doo, Gradis biro za projektovanje Maribor doo
Authors	Adnan Ibrahimović, project participant (co-designer)
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2009, Tuzla,
Name	Project: "Feasibility Study for the Orašje (Sava River) - Tuzla (Šićki Brod) Highway, 61 km long", Preliminary Environmental Impact Assessment, Lot 1 - 5, Consortium Faculty of Mining, Geology and Civil Engineering Tuzla, Lineal doo Maribor, IGRO consulting Ljubljana doo, Gradis biro za projektovanje Maribor doo
Authors	Adnan Ibrahimović, project participant (co-designer)
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2009, Tuzla
Name	Project: "Feasibility Study for the Orašje (Sava River) - Tuzla (Šićki Brod) Highway, 61 km long", Environmental Impact Study, Lot 1 - 5, Consortium Faculty of Mining, Geology and Civil Engineering Tuzla, Lineal doo Maribor, IGRO consulting Ljubljana doo, Gradis biro za projektovanje Maribor doo
Authors	Adnan Ibrahimović, project participant (co-designer)
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2009, Tuzla
Name	Emergency Flood Recovery Project (FERP), Main road M18, section Priboj 2 - Simin Han/Rehabilitation of landslides and road Banj Brdo I, seven locations, Interprojekt doo - RGGF, Mostar - Tuzla, December 2014.
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, December 2014, Mostar - Tuzla
Name	Scientific research project: Risk of landslides in the area of the Brčko District of BiH with analysis of prevention options and optimal rehabilitation conditions, Grant from the Government of the Brčko District of BiH
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2016, Tuzla

Name	Study: Mineralogical-petrographic, physical-mechanical and technological characteristics of peridotite (Iherzolite, harzburgite and dunite) from the Delić Brdo area, Petrovo-RS, BiH
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2016, Tuzla
Name	International Erasmus+ program project: Knowledge For Resilient soCiEty – K-FORCE, RGGF, Tuzla,
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2016-2021, Tuzla
Name	International scientific research project: Transnational advanced management of land use risk through landslide susceptibility maps design , (safEarth, HR-BA-ME59) EU program Interreg IPA CBC Croatia-Bosnia and Herzegovina-Montenegro 2014-2020
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2017-2019, Tuzla
Name	International scientific research project: Response to landslide and flash flood risk with Early Warning System design, (RESPONSa, HR-BA-ME367), EU program Interreg IPA CBC Croatia-Bosnia and Herzegovina-Montenegro 2014-2020
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2020-2023, Tuzla
Name	International scientific research project: Assessment of red mud tailings in the region of Eastern and Southeastern Europe , by the Interregional EIT Raw Materials EU, RIS-RESTORE
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, Tuzla, 2020-2023, Tuzla
Name	International scientific research project: A cross-border approach to improve landslide risk assessment using LiDAR-based landslide inventory, (LADY, HR-BA-ME00030) , EU Interreg VI-A IPA Programme Croatia - Bosnia and Herzegovina - Montenegro 2021-2027
Authors	Adnan Ibrahimović, participant in the project
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering Tuzla, 2024-present, Tuzla

Recognitions and awards

Name
Institution
Reason (reason)
Short description

Membership in professional associations

Name of association/association	Geotechnical Society of Bosnia and Herzegovina
Brief description of the association	The association brings together experts and scientists who are engaged in research in the field of geotechnics and soil and rock mechanics.
Association address/web reference	Univerzitetska 2 75000 Tuzla, geotehnika@untz.ba
Position in the association	Member

Name of association/association	International Society of Rock Mechanics (ISRM)
Brief description of the association	The association brings together experts and scientists engaged in research in the field of rock mechanics.
Association address/web reference	https://isrm.net/
Position in the association	Member

Name of association/association	International Consortium on Landslides (ICL)
Brief description of the association	The association brings together experts and scientists who are engaged in research in the field of landslides.
Association address/web reference	https://www.landslides.org/
Position in the association	Member

Name of the association/association	International society for soil mechanics and geotechnical engineering (ISSMGE)
Brief description of the association	The association brings together experts and scientists engaged in research in the field of soil mechanics and geotechnics.
Association address/web reference	https://www.issmge.org/
Position in the association	Member

Participation in the teaching process

For the current academic year

(Note: You can only enter subjects in which you are the responsible teacher, and you can also enter subjects in which you are an associate teacher)

And cycle:

1. Resistance of materials with theory of elasticity II, Department of Civil Engineering/study program,
2. Slope stability, Civil engineering department/study program,
3. Foundation, Department of Civil Engineering/study program,
4. Landslide rehabilitation, Civil engineering department/study program,
5. Durability of Materials, Mining Department/Study Program.

2nd cycle:

6. Complex foundation, Civil engineering department/study program,
7. Geotechnical underground structures, Civil engineering department/study program.

And cycle:

1. Resistance of materials with theory of elasticity II, Department of Civil Engineering/study program,
2. Slope stability, Civil engineering department/study program,
3. Foundation, Department of Civil Engineering/study program,
4. Landslide rehabilitation, Civil engineering department/study program,
5. Resistance of Materials, Mining Department/Study Program,
6. Elastostatics, department/study program BEMS,
7. Geotechnics, Department of Geology/study program,
8. Safety in Geotechnics, Department/study program Safety and Assistance.

2nd cycle:

1. Complex foundation, Civil engineering department/study program,
2. Applied Soil Mechanics, Civil Engineering Department/Study Program,
3. Geotechnical underground structures, Civil engineering department/study program,
4. Geotechnical works in rocks, Mining Department/study program,
5. Engineering Mechanics of Soils and Rocks, Department of Geology/study program,
6. Geotechnical Hazards, Department/Study Program Safety and Assistance.

3rd cycle:

1. Geotechnical calculations, Department of Geology/study program,
2. Slope stabilization, Mining Department/Study Program,
3. Embankments and Dams, Mining Department/Study Program.

Mentoring

Doctoral dissertations:

1. "The influence of the shape of a reinforced concrete retaining wall on the efficiency of landslide rehabilitation when forming slopes above the road body", by the candidate M. Sc. Azmir Spahić, B. Eng. in Civil Engineering, for the scientific degree of Doctor of Technical Sciences in the field of Civil Engineering. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-3432-9.3/15, dated 18.6.2015. Dr. Sc. Adnan Ibrahimović, associate professor, was appointed as the mentor. The candidate successfully defended his doctoral dissertation on 24.8.2018.

Master's thesis/final master's thesis:

1. "Optimization of technical and economic parameters in the application of stone walls in slope rehabilitation", by the candidate for the scientific degree of Master of (technical) sciences Azmir Spahić, B.Eng. in Civil Engineering. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-6692-7.3/09 of 8.9.2009. Dr. sc. Adnan Ibrahimović, assistant professor, was appointed as the mentor. The candidate successfully defended his final master's thesis on 30.6.2011.
2. "Procedure for finding the optimal solution for the protection and rehabilitation of slopes in rock", by the candidate for the scientific degree of Master of (technical) sciences Nina Džambić, B.Sc. in Civil Engineering. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-3788-79.6/10 of 7.5.2010. Dr. sc. Adnan Ibrahimović, assistant professor, was appointed as the mentor. The candidate successfully defended the final master's thesis on 16.3.2012.
3. "The influence of complex geotechnical terrain conditions on the choice of bridge foundation methods", by the candidate Arnel Music, B.Sc. in Geology, for the degree of Master of Science in Geology, Geotechnics. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-2659-8.3/15, dated 15.5.2015, Dr. sc. Adnan Ibrahimović, associate professor, was appointed as the mentor. The candidate successfully defended his final master's thesis on 11.9.2015.
4. "Methods of improving and protecting rock mass during the construction of geotechnical structures", by candidate Emina Goletić, Bachelor of Civil Engineering, for the degree of Master of Civil Engineering, specialization Geotechnics. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-7074-/16-6.4, dated 6.10.2016, Dr. sc. Adnan Ibrahimović, associate professor, was appointed as the mentor. The candidate successfully defended her final master's thesis on 5.5.2017.
5. "The influence of geotechnical conditions of slopes and slopes on the stability calculation", candidate Hasan Hadžić, bachelor's degree in civil engineering, for the degree of master of civil engineering, specialization Geotechnics. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-7074-/16-6.5, dated 6.10.2016. Dr. sc. Adnan Ibrahimović, associate professor, was appointed as the mentor. The candidate successfully defended his final master's thesis on 12.4.2019.
6. "Defining geotechnical conditions and methods of foundation of high-risk facilities", candidate Amel Demirović, Bachelor of Engineering in Geology, for the degree of Master of Geology, specialization Geotechnics. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-2358/17-6.7, dated 13.4.2017, Dr. sc. Adnan Ibrahimović, associate professor, was appointed as the mentor. The candidate successfully defended his final master's thesis on 14.2.2020.

7. "Tunnel stability in conditions of mega discontinuities", candidate Samir Pirić, B.Sc. in Mining, for the degree of Master of Mining, specialization Geotechnics. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-7697-8.5/15, dated 29.12.2015. Dr. sc. Adnan Ibrahimović, associate professor, was appointed as the mentor. The candidate has scheduled the defense of the final master's thesis for 19.6.2025.
8. "Optimization of the choice of the foundation pit protection method in the design phase" by the candidate Selma Otanović, Bachelor of Engineering in Civil Engineering, for the degree of Master of Civil Engineering, specialization Geotechnics. By the decision of the Scientific and Educational Council of the Faculty of Mining, Geology and Civil Engineering No. 02/8-2410-1.4.7/23 of 4.5.2023. Dr. sc. Adnan Ibrahimović, full professor, was appointed as the mentor. The candidate has scheduled the defense of her final master's thesis for 20.6.2025.

Scientific research/professional projects and studies

The main project of the multi-purpose water management subsystem Crna Rijeka: Investigations of shear strength on cylindrical samples along the discontinuity on the bulkhead profile of the Crna Rijeka dam near Trnovo, Sarajevo, March 2003.

Geotechnical feasibility study G31 for the expansion of the existing filling station and the need to expand the capacity of the liquefied petroleum gas storage facility for the company "Interbutan" doo Cazin Ostrožac, Tuzla, 2011.

Report on the supervision carried out on the facility, Phase III of the Pannonian Lakes complex, Tuzla, 2012.

Report on the inspection of the Central City Park facility, Tuzla, 2012.

Study and preliminary design for the stabilization of the "Bogatić" landslide, Tuzla, 2013

Preparatory geotechnical study (mission G1) Baljci-Tomislavgrad wind farm, part of engineering geological and geomechanical research and testing, Tuzla, Mostar, 2013.

Geotechnical project G21 for the reconstruction of the electrostatic precipitator of block 7 for the needs of JP Elektroprivreda BiH dd Sarajevo – Subsidiary Thermal Power Plant "Kakanj" Kakanj, Tuzla – Mostar, December 2013.

Report on the inspection of the terrain in the area of the Ceran Mosque, Čelebići-Cerska settlement, with a proposal for remedial measures, Islamic Community in Bosnia and Herzegovina, Mufti's Office of Tuzla, Majlis of the Islamic Community of Vlasenica, Tuzla, July 2014.

Study on engineering prospection of landslides in the area of the Srebrenik municipality, Faculty of Mining, Geology and Civil Engineering Tuzla, Tuzla, November 2014.

Report on the conducted laboratory research of rock material and concrete from the location of the circulation tunnel of HPP "Jajce II", RGGF Tuzla, number: 06/8-392-2/14, February 2015.

Mission G21 Study "Baljci Wind Farm", part Geotechnical study: Engineering geological and geomechanical investigations and testing for the Baljci Wind Farm, Tuzla, May-July 2015.

Revision of the Main Design for the Construction of a Pedestrian Bridge between the Central City Park and the Pannonian Lakes, INPROZ, Institute for Protection and Design Tuzla, number: 599/16, 26.2.2016.

Study on engineering-geological and geotechnical characteristics of the terrain for the construction of the facility at the Nezirovići location, RGGF Tuzla, number: 6/08-210-3/16, July 2016.

Geotechnical investigation report for the construction of an individual residential building on land owned by Vedad Mulaosmanović in the Omerbegovača settlement in Brčko, December 2016.

Study on geotechnical investigations at the location for the construction of a residential building on the land designated as K.Č. 463/1 KO Marinovići in the Cerik settlement in Tuzla, December 2016.

Study on geomechanical investigations at the location for the construction of a residential building on the land designated as cadastral plots 3050/2 and 3051/15 of the Brčko Municipal Administration, RGGF, Tuzla, 2016.

Study on geotechnical investigations at the location for the construction of a residential building on the land designated as cadastral plot 463/1 KO Marinovići in the Cerik settlement in Tuzla, RGGF, Tuzla, December 2016.

Study on geomechanical investigations at the location for the construction of a residential building on the land designated as cadastral plots 3050/2 and 3051/15 of the Brčko Municipal Administration, RGGF, Tuzla, 2016.

Study on geotechnical investigations for the construction of residential buildings on the land designated as cadastral plot no. 3631 KO Brčko, RGGF, Tuzla, 2017.

Expert opinion for the implementation of emergency remediation measures at the location "Plazulje - water factory in Brčko", RGGF, Tuzla, 2018.

Study: Geomechanical and geotechnical characteristics of the Zimča – Mestovci landslide (location II) with an analysis of the causes of the landslide and a proposal for remediation measures, RGGF, Tuzla, 2018.

Geomechanical study for the purposes of preparing the Main Implementation Design for urgent rehabilitation, protection and conservation measures at the Lothar Berks Castle as part of the Stari Grad Ostrožac National Park near Cazin, Investigations for the Clock Tower area, RGGF, Tuzla, September 2018.

Revision of the Geotechnical Mission G21, Geotechnical Section, Main Design of Medium Voltage and Optical Cabling of the Podveležje Wind Farm (Part LOT-2), RGGF, Tuzla, October 2018.

Elaboration on the geomechanical and geotechnical characteristics of the terrain for the foundation of residential buildings in Kakanj on plots 1369/15 and 1369/27 KO Popi – Kakanj Units S1 and S2, RGGF, Tuzla, February 2019.

Preparatory geotechnical study-mission G1: Geotechnical investigations of the location for the wastewater treatment plant in the Banlozi settlement, city of Zenica, RGGF, July 2019.

Geotechnical study for the design of supporting structures for the rehabilitation of the regional road R-437, section Košpina luka – Kragulja, subsection Košpina luka–Džanići, Tuzla, 2022.

Reinterpretation of the results of the conducted research and preparation of a report, as well as a field tour of the "Golubinja" tunnel route on the route of Corridor Vc, Tuzla, 2022.

Preliminary design of temporary landslide rehabilitation measures in the area of the Brčko Water Factory, RGGF, Tuzla, November 2022.

Main design of temporary landslide rehabilitation measures in the area of the Brčko Water Factory, RGGF, Tuzla, August 2024.

Published books

Publication name	LANDSLIDES REMEDY
Authors	Ibrahimović A., Mandžić K.
Publisher, year and place	Microprinting, Tuzla, 2013. (CIP – Cataloging in Publication National and University Library of Bosnia and Herzegovina, Sarajevo, UDC 624.131.53(075.8), Bibliography: pp. 196-201, ISBN 987-9958-9127-5-7, COBISS.BH-ID 20610054).
Publication name	RESISTANCE OF MATERIALS, Book One
Authors	Adnan Ibrahimović, Kenan Mandžić, Hasan Hadžić
Publisher, year and place	BMG Bosanska medijska grupa, Tuzla, 2019. (CIP - Cataloging in the publication National and University Library of Bosnia and Herzegovina, Sarajevo, 620.17, 232 p., illus. 25 cm, (Biblioteka Univerzitetska knjiga; vol. 4), Notes with text.-Bibliography: p. 231-232, ISBN 978-9958-089-32-9 (Whole), ISBN 978-9958-89-33-6 (Book 1), COBISS.BH-ID 27761158)
Publication name	GEOTECHNOMECHANICS II, Experiential rules for why everything is the way it is
Authors	Enver Mandzic, Kenan Mandzic, Adnan Ibrahimovic
Publisher, year and place	Soreli, Tuzla, 2019. (CIP – Cataloging in Publication National and University Library of Bosnia and Herzegovina, Sarajevo, 624.13(083.15), 79 pp., 21 cm, Bibliography: p. 74, ISBN 978-9958-562-20-0, COBISS.BH-ID 27183622).

Personal skills and competencies

Native language **Bosnian**

Other languages

Understanding		Speech		Writing
Listening	Reading	Voice interaction	Speech	

English Language

German Language

Good	Good	Good	Good	Good
Good	Good	Good	Good	Good

**Scientific,
professional
and social
competences**

Competencies for
conducting scientific
research and teaching
in higher education

Working on developing cooperation and exchanging information and scientific knowledge in the field of geomechanics and geotechnics, i.e. environmental engineering, with related institutions in the immediate and wider environment,
Work on education and introduction of new professional program content within the subjects studied at the Civil Engineering, Mining, Geology departments/study programs and the department/study program Well Exploitation of Mineral Raw Materials.
Working with doctoral and master's students whose topics have been approved and their theses have been successfully defended, as well as participating in committees for the defense of doctoral dissertations and final master's theses.
Using modern methods with the application of computers and modern software, thus contributing to scientific research work and the application of research results in the field of geomechanics and geotechnics, i.e. environmental engineering, which has been valorized through published works, as well as works related to cooperation with practice, participation in project tasks and practical work in practice.

- 2010. Training on quality assurance organized for selected experts for quality assessment and review and making recommendations on accreditation of higher education institutions and their study programs, with modules: Accreditation and external quality assurance framework, European experiences in external quality assurance, Criteria for accreditation of higher education institutions, Criteria for accreditation of study programs, Agency for Development of Higher Education and Quality Assurance of Bosnia and Herzegovina (HEA) in cooperation with Tempus project "European Union Standards for Accreditation of Study Programs at Bosnian and Herzegovina Universities", Tuzla
- 2010. Repeated course and Certificate of experts for quality assessment and audit and giving recommendations on the accreditation of higher education institutions, i.e. their study programs, Agency for the Development of Higher Education and Quality Assurance, Tuzla, July 6, 2010.
- 2011. "Regional experiences in the accreditation of study programs and laboratories; implementation of technical solutions in engineering", Summer University Workshop 2011, lecturer, University of Tuzla,

Competencies for
participation in
scientific research
projects

- 1999–2001 Specialization in Soil Ecology (Tempus/Phare Program), University of Kaiserslautern, Germany, Ghent University, Belgium
- 2000–2001 Specialization in the field of soil ecology, "Soil protection - old landfills" (DAAD program), University of Kaiserslautern, Universities of Tuzla, Mostar and Banja Luka, BiH
- 2002–2003 Scholarship holder at the University of Bochum, Germany, for the academic year 2002/2003, during postgraduate studies at the Department of Civil Engineering, RGGF
- 2010. Participation in the seminar: Standardization, certification and legal regulations in geotechnics, held in Banja Vrućica, organized by the Geotechnical Society of Bosnia and Herzegovina
- 2011. Course "Rock Engineering for Tunnels (Drill-And-Blast and TBM), Pre-Grouting, Caverns, Dam Abutments, Rock Slopes and Rockfill", lecturer Dr Nick Barton, Croatian Geotechnical Society, Faculty of Mining, Geology and Petroleum Engineering University of Zagreb, Zagreb, Croatia
- 2016. ISRM workshop: "Rock Mechanics and Rock Engineering Theoretical advances, investigation techniques, design", given in Zagreb, organized by International Society for Rock Mechanics, Croatian Geotechnical Society
- 2017. Seminar: "Building the Future - EUROCODES", given in Jahorina, organized by Czech Office for Standards, Metrology and Testing, Institute for Standardization of Bosnia and Herzegovina, Czech Republic Development Cooperation Program
- 2019 LLL Course: "Constructive Rules for Fire Safety of the Buildings", University of Banja Luka, Project Knowledge For Resilient SoCiEty (K-FORCE), Erasmus+ Program

	<ul style="list-style-type: none"> • Member of scientific/program boards/committees of numerous scientific and professional meetings, conferences and symposiums in the country and abroad. Reviewer in scientific and professional journals in the country and abroad. • Participation in scientific research projects from EU programs and EU member states (Tempus/Phare , DAAD, Interreg IPA CBC, Erasmus+, etc.)
Scientific and research interest (occupation) and current training	Soil and rock mechanics, Geotechnics (Slope stability and protection, Building foundations, etc.)
Planned training	Soil and rock mechanics, Geotechnics
Organizational skills and competencies	<ul style="list-style-type: none"> • Head of the Department of Civil Engineering: Decision of the Dean of the Faculty of Mining, Geology and Civil Engineering No. 02/8-4392-6/12-2, dated 4 June 2012 (first term) and Decision of the Dean of the Faculty of Mining, Geology and Civil Engineering No. 02/8-4179-6/16-1, dated 26 May 2016 (second term). • Dean of the Faculty of Mining, Geology and Civil Engineering: Decision of the NNV on the selection of the Dean of the RGGF no. 02/8-7589-1-1.4.1/24, dated 26.12.2024. year, Decision of the NNV on the appointment of the dean of the RGGF no. 02/8-1-327-1-3/25, from 01.20.2025. year. • Technical editor of the Proceedings and organizer of the First Regional Scientific and Professional Conference GTZ 2009: State and Development Directions of Civil Engineering, Faculty of Mining, Geology and Civil Engineering Tuzla, Tuzla, October 2009. • Editor of the Proceedings and organizer of the Second Scientific Conference GTZ 2013: State and Development Directions of Civil Engineering, Faculty of Mining, Geology and Civil Engineering Tuzla, In Scan doo, Tuzla, June 2012. • Editor of the Proceedings and organizer of the Third Scientific Conference E-GTZ 2016: State and Development Directions of Civil Engineering, Faculty of Mining, Geology and Civil Engineering, Tuzla, June 2016. • Technical editor of the scientific journal "Glasnik" of the Faculty of Mining, Geology and Civil Engineering from 2013 to 2017.
Technical skills and competencies	<p>Handling measuring devices and instruments intended for research and testing in the field of geomechanics, or geotechnics.</p> <p>Participant in the implementation of ISO 17025 standards in the Laboratories of the Faculty of Mining, Geology and Civil Engineering, Tuzla,</p>
Computer skills and competencies	<p>Programming languages: Basic, Fortran</p> <p>Operating systems: MS Windows, MS DOS</p> <p>Work with databases: MS Access</p> <p>3D/CAD and other programs: AutoCAD, DesignCAD, MathCad, Corel Draw, SAP 2000, RUCKZUCK, DC-Soft, Geo 5</p> <p>Office applications: All MS Office programs</p>
Artistic skills and competencies	<p>Over two decades of working in heraldry and vexillology.</p> <p>President of the Bosona Heraldic Society, within the UG Bosona Sarajevo.</p>

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, 31.05.2025. in the year

Dr. sc.-Dipl.ing. Adnan Ibrahimović, full professor