

**Academic
Curriculum vitae**



Personal information

Name and Surname	Kenan Mandžić
Address	II Tuzlanske brigade 19
Phone	0038735/320557
Fax	0038735/320570
E-mail/Web	kenan.mandzic@untz.ba
Citizenship	BiH
Date of birth	12. June.1979 godine
Sex	Male

Current employment

University of Tuzla / full professor- Head of the Department for Mechanics, Geomechanics and Geotechnics

Work experience

Dates	September 2021 untill now
Position	Full professor/ PhD in technical sciences in area of geology
Responsibilities and duties	Lectures on subjects Mechanics, Rock and Soil Mechanics in Geology, Geotechnics, Safety in Geotechnics, Soil and Rock mechanics for Civil Engineers, Landslide remediation, Engineernig Geology, Geotechnics in urbanization
Name of the employer	Faculty of Mining, Geology and Civil Engineering on University of Tuzla
Business activities of the employer	Education and research
Dates	September 2015 untill September 2021
Position	Associate professor/PhD in technical sciences in area of geology
Responsibilities and duties	Lectures on subjects Mechanics, Rock and Soil Mechanics in Geology, Geotechnics, Safety in Geotechnics, Soil and Rock mechanics for Civil Engineers, Landslide remediation, Geotechnics in urbanization
Name of the employer	Faculty of Mining, Geology and Civil Engineering on University of Tuzla
Business activities of the employer	Education and research
Dates	September 2010 untill September 2015
Position	Assistant professor/PhD in technical sciences in area of geology
Responsibilities and duties	Lectures on subjects Mechanics, Rock and soil mechanics in geology, Material rasistance, Safety in geotechnics, Soil mechanics for civil engineers

Name of the employer	Faculty of Mining, Geology and Civil Engineering on University of Tuzla
Business activities of the employer	Education and research
Date	10.01.2007 untill September 2010
Position	higher assistant/ MSc of technical sciences in geology
Responsibilities and duties	Practice on subjects Mechanics, Rock and soil mechanics in geology, Rock and soil mechanics in civil engineering, Geophysics
Name of the employer	Faculty of Mining, Geology and Civil Engineering on University of Tuzla
Business activities of the employer	Education and research
Date	01.09.2004 untill 10.01.2007
Position	Assistant/geological engineer
Responsibilities and duties	Practice on subjects Rock and soil mechanics in geology, Hidrogeological research, Rock mechanics in civil engineering, Applied geophysics
Name of the employer	Faculty of Mining, Geology and Civil Engineering on University of Tuzla
Business activities of the employer	Education and research
Date	01.08.2003 untill 01.08.2004
Position	Operation geologist /geological engineer
Responsibilities and duties	Research and trackin of rock mass quality for economical exploataion
Name of the employer	D.O.O. „Terakop“, Tuzla
Business activities of the employer	Exploataion of limestone

Education

Date	1986-1994
Qualification aquired	Basic education
Area of science and proffesion, acquired titles and skills	Basic education
Name and tipe of the trength ion	Elementary school „Mejdan“ Tuzla
Date	(1994-1998)
Qualification aquired	Secondary education
Area of science and proffesion, acquired titles and skills	Secondary education
Name and tipe of the trength ion	High school „Meša Selimović“ Tuzla
Date	Faculty of Mining, Geology and Civil Engineering (1998-2003)
Qualification aquired	Geological Engineer
Area of science and proffesion, acquired titles and skills	Basic Geology, Rock and soil mechanics, Geophysics, ground water flow dynamics, Paleontology, Stratigraphy, Engineering geology, Geological mapping, Hidrogeological research, Mineralogy, Sedimentology. Mehanika tla i stijena,

Name and tipe of the organisation	Geofizika, Dinamika podzemnih voda, Hidrogeološka istraživanja University of Tuzla, Faculty of Mining, Geology and Civil Engineering
Date	2004
Qualification aquired	Master of science in geology
Area of science and proffesion, acquired titles and skills	Rock and Soil Mechanics, Engineering Geology, Geophysics, Geotechnics
Name and tipe of the trength ion	University of Tuzla, Faculty of Mining, Geology and Civil Engineering
Specialisation	Passed expert exam for independently perform activities and leadership in the field of geological research (test conducted in 2004 in Federal Ministry of Energy, Mining and Industry of Bosnia and Herzegovina) Participants in seminars: „Application of Remote Sensing and Global Information Systems on environmental protection and hazard “ MTA, Turkey, 02.07.-27.05.2004 “Application of Remote Sensing and Global Information Systems on environmental protection and hazard “ MTA, Turkey, 02.07.-27.05.2005
Science work in the area of formal education	
Name	PhD „Influence of structural composition on uniaxial strength of gabro“
Insituion in wich the wor was conducted	University of Tuzla Faculty of Mining, Geology and Civil Engineering
Year and place	2009, Tuzla
Title of the publication	Master’s thesis „Engineering Geological and Geotechnical properties of stone Tenelija“
Institution	University of Tuzla, Faculty of Mining, Geology and Civil Engineering
Year and place	2006, Tuzla
Chose publications and presentations	
Title of the publication	Uniaxial strength of rock Tenelija for the reconstruction of “Old bridge” in Mostar
Authors	Mandžić K. , Husejnagić E., Imamović A.
Publisher, year and place	First congrerss of geologists in Bosnia and Herzegovina with International participation-proceedings, Kladanj, Bosnia nad Herzegovina
Title of the publication	Lanslide cadaster
Authors	Mandžić E., Sijerčić I., Mandžić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXIX/II, spage. 7 – 19, 2005, Tuzla
Title of the publication	Influence of Spreča Fault on structural and tectonical characteristics of limestone deposit «Oštro brdo»
Authors	Sijerčić I., Mandžić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXIX/II, page. 93 – 98, 2005, Tuzla

Title of the publication	Refractional seismic research of limestone mass in deposit Duboki potok – Bijela rijeka
Authors	Husejnagić E., Mandžić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXIX/II, page. 93 – 98, 2005, Tuzla
Title of the publication	Determination of phisycal characteristics for rock masses and engineering geological conditions of work environment usin the seismoacoustic methods of research
Authors	Husejnagić E., Arsenović Ž., Mandžić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number 29/1, page. 69 – 77, 2005, Tuzla
Title of the publication	Influence of porosity on uniaxial strength of Tenelija stone
Authors	Mandžić K. , Ibrahimović A.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering ,number XXX, page. 81 – 84, 2006, Tuzla
Title of the publication	Shearing of limestone along the discontinuity
Authors	Mandžić E., Mandžić K. , Ibrahimović A.
Publisher, year and place	Proceedings Faculty of Mining, Geology and Civil Engineering, number XXX, page. 85 – 89, 2006, Tuzla
Title of the publication	Research of sedra stone as the architectural- building material
Authors	Humo M., Kulukčija S., Mandžić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXX, page. 51 – 66, 2006, Tuzla
Title of the publication	Statistical evaluation of characteristic strength
Authors	Humo M., Kulukčija S., Mandžić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXX, page. 68 – 80, 2006, Tuzla
Title of the publication	The mechanism and conditions for wedgw movement in rock mass
Authors	Ibrahimović A., Gutić K., Mandžić K.
Publisher, year and place	Proceedings Faculty of Mining, Geology and Civil Engineering, number XXX, page. 99 – 105, 2006, Tuzla
Title of the publication	Phenomenon and identification of wedgw failure in rock mass
Authors	Ibrahimović A., Mandžić K. , Gutić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXX, page. 107 – 115, 2006, Tuzla
Title of the publication	Seismo-acoustic-seismological test method whith artificially induced quakes
Authors	Husejnagić E., Arsenović Ž., Mandžić K.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXX, page. 119 – 125, 2006, Tuzla
Title of the publication	Influence of sample size on uniaxial strength of Tenelija stone
Authors	Mandžić K. , Husejnagić E., Ibrahimović A., Nikolić T.,
Publisher, year and place	Association of Civil Engineers and Technicians of Serbia, Proceedings, Second

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| Title of the publication | Monitoring of subsidence in city Tuzla as the consequence of underground salt exploitation |
| Authors | Nikolić T., Mandžić K. , Babajić E., Šerifović E., |
| Publisher, year and place | Association of Civil Engineers and Technicians of Serbia, Proceedings, Second Scientific Symposium, pages 89-97 , 2007, Soko Banja, Serbia |
| | |
| Title of the publication | Microseismic reonisation for construction of high storage towers in Ševarlije |
| Authors | Husejnagić E., Mandžić K. , Arsenović Ž., |
| Publisher, year and place | Association of Civil Engineers and Technicians of Serbia, Proceedings, Second Scientific Symposium, pages 425-437 , 2007, Soko Banja, Serbia |
| | |
| Title of the publication | Probabilistic methods and principles of dynamic equilibrium equation in slope stability analysis in rocks |
| Authors | Ibrahimović A., Babajić E., Mandžić K. , |
| Publisher, year and place | Association of Civil Engineers and Technicians of Serbia, Proceedings, Second Scientific Symposium, pages 451-461 , 2007, Soko Banja, Serbia |
| | |
| Title of the publication | Velocity of longitudinal waves and structural composition of gabbro |
| Authors | Mandžić E., Mandžić K. , Husejnagić E., |
| Publisher, year and place | Third Congress of geologists in Bosnia and Herzegovina with International participation-proceedings , 2008, Neum , Bosnia nad Herzegovina |
| | |
| Title of the publication | Influence of chemical composition on uniaxial strength of gabbro |
| Authors | Mandžić K. , Husejnagić E., Babajić E., Mandžić E., |
| Publisher, year and place | Third Congress of geologists in Bosnia and Herzegovina with International participation-proceedings , 2008, Neum , Bosnia nad Herzegovina |
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| Title of the publication | Geophysical –Goelectric research of groundwater sources in Teočak |
| Authors | Husejnagić E., Mandžić E., Mandžić K. |
| Publisher, year and place | Third Congress of geologists in Bosnia and Herzegovina with International participation-proceedings , 2008, Neum , Bosnia nad Herzegovina |
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| Title of the publication | Influence of artificially induced earthquakes on individual residential houses- Original scientific paper |
| Authors | Husejnagić E., Mandžić K. , Ibrahimović A., |
| Publisher, year and place | Association of Civil Engineers and Technicians of Serbia, Proceedings, First Scientific Symposium, pages 193-200 , 2008, Soko Banja, Serbia |
| | |
| Title of the publication | Anisotropy of limestone massive per wave propagation speed parameter |
| Authors | Husejnagić E., Mandžić K. |
| Publisher, year and place | Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXXI, page. 75 – 82, Tuzla |
| | |
| Title of the publication | Geophysical studies of underground geological structures prospecting methods shallow reflection and electromagnetic soundings |
| Authors | Husejnagić E., Mandžić K., Arsenović Ž. |
| Publisher, year and place | Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXXI, page. 83 – 92, Tuzla |

Title of the publication	Exsisting Historical Foundation System of Two Old Bridges from the Ottoman Period in Bosnia and Hezegovina
Authors	Kulukčija S., Humo M., Mandžić K. , Mandžić E., Selimović M.
Publisher, year and place	Third Internacional Congres on Construction History, pages 919-925, Cottbus, Germany
Title of the publication	Evaluation of the state of existing objects of cultural and historical heritage using seismic refraction
Authors	Mandžić E., Mandžić K. , Kulukčija S., Humo M.
Publisher, year and place	International Conference on Earthquake Engineering, pages. 105-114, Banja Luka, Bosnia and Herzegovina
Title of the publication	Mafic extrusives of Papratnica near Žepče as a technical building stone
Authors	Babajić E., Mandžić K. , Salihović S.
Publisher, year and place	IV Congress of geologists in Bosnia and Herzegovina with International participation-proceedings, 2011, Sarajevo, Bosnia and Herzegovina
Title of the publication	Strenght of midlegrained gabbro depending on structural composition
Authors	Mandžić K., Čerimagić Đ., Mandžić E.
Publisher, year and place	IV Congrerss of geologists in Bosnia and Herzegovina with International participation-proceedings, 2011, Sarajevo, Bosnia nad Herzegovina
Title of the publication	Methodological principles of conditions and the choice of protective measures on the projected slope cuttings for roads
Authors	Ibrahimović A., Mandžić K.
Publisher, year and place	Association of Civil Engineers of Serbia, Proceedings,Seventh Scientific Symposium, pages 101-111 , 2011, Zlatibor, Serbia
Title of the publication	Generalizing the general conditions for the reconstruction of the road slope in complex engineering geological and geomechanical conditions
Authors	Mandžić K. , Čerimagić Đ., Ibrahimović A., Mandžić E.
Publisher, year and place	Association of Civil Engineers of Serbia, Proceedings,Seventh Scientific Symposium, pages 111-117 , 2011, Zlatibor, Serbia
Title of the publication	Development of methods of observation and assessment of railway tunnels and retaining walls in the landslide body "Kukovi" above Lake Jablanica
Authors	Mandžić K. , Mandžić E., Mandžić E., Čerimagić Đ.
Publisher, year and place	Association of Civil Engineers of Serbia, Proceedings,Seventh Scientific Symposium, pages 251-257 , 2011, Zlatibor, Serbia
Title of the publication	Compactness coefficient of the of historical heritage buildings stone walls
Authors	Mandžić E.,Kulukčija S., Mandžić K. , Čerimagić Đ.
Publisher, year and place	Association of Civil Engineers of Serbia, Proceedings,Seventh Scientific Symposium, pages 595-599 , 2011, Zlatibor, Serbia
Title of the publication	Geotechnical testing of old dike on a regional road in order to stabilize the landslide
Authors	Mandžić K. , Čerimagić Đ., Mandžić E.
Publisher, year and place	Association of Civil Engineers of Serbia, Proceedings,Fourth Scientific Symposium-geotehcnical aspects of civil engineering, pages 119-127 , 2011, Zlatibor, Serbia

Title of the publication	Geodetic and geotechnical aspects of the landslides research in schist
Authors	Mandžić E., Mandžić K. , Ibrahimović A.,
Publisher, year and place	Association of Civil Engineers of Serbia, Proceedings, Fourth Scientific Symposium-geotechnical aspects of civil engineering, pages 261-267 , 2011, Zlatibor, Serbia
Title of the publication	Geotechnomechanics-empirical rules II
Authors	Mandžić E., Čerimagić Đ., Mandžić K.
Publisher, year and place	Association of Civil Engineers of Serbia, Proceedings, Fourth Scientific Symposium-geotechnical aspects of civil engineering, pages 261-267 , 2011, Zlatibor, Serbia
Title of the publication	Influence of structural composition on uniaxial strength of large grained gabbro
Authors	Mandžić K. , Babajić E., Mandžić E., Babajić A.
Publisher, year and place	II symposium with international participation „Mining 2011“, Zlatibor, Srbija
Title of the publication	Influence of chemical composition on resistant parameters of diabase in “Ribnica” quarry
Authors	Babajić E., Mandžić K. , Babajić A., Mandžić E.
Publisher, year and place	II symposium with international participation „Mining 2011“, Zlatibor, Srbija
Title of the publication	Geological, engineering-geological, geomechanical and geophysical research for objects of cultural-historical heritage
Authors	Mandžić K. , Mandžić E.
Publisher, year and place	Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXX, page. 95 – 101, 2010, Tuzla
Title of the publication	Engineering-geological and hydrogeological conditions in the slope of the rock mass "Kukovi"
Authors	Mandžić E., Čerimagić Đ., Mandžić K. , Babajić E.
Publisher, year and place	III Symposium with International Participation "MINING 2012", Proceedings p. 512-518, Zlatibor, Serbia
Title of the publication	Research and rehabilitation of landslides in the debris material at the location "Kalovljakova luka"
Authors	Mandžić K. , Mandžić E., Ibrahimović A., Mandžić E., Sarač I.
Publisher, year and place	V Consultation of geologists of Bosnia and Herzegovina with international participation, Proceedings, p. 581-588, 2013, Pale
Title of the publication	Correlation of geomechanical parameters of peridotite-serpentinite
Authors	Mandžić E., Mandžić K. , Babajić E. , Ibrahimović A., Mandžić E.,
Publisher, year and place	V Consultation of geologists of Bosnia and Herzegovina with international participation, Proceedings, p. 589-595., 2013, Pale
Title of the publication	Characteristics of peridotite - serpentinite in the construction of geotechnical facilities
Authors	Mandžić E., Mandžić K. , Babajić E. , Ibrahimović A., Mandžić E.,
Publisher, year and place	Fifth International Scientific-Expert Consultation-Geotechnical Aspects of Civil Engineering, p. 219-225. , Proceedings, 2013, Sokobanja, Serbia
Title of the publication	Influence of volume weight on gabbro uniaxial compression strength
Authors	Mandžić K. , Ibrahimović A.
Publisher, year and place	Archives for Technical Sciences, Bulliten No.12, pages 9-19, DOI: 10.7251, 2015, Bijeljina, Bosnia i Hercegovina

Title of the publication	Causes and consequences of atypical landslides in Bosnia and Herzegovina in 2014
Authors	Mandžić K.,
Publisher, year and place	I. Congress of Geologists in Bosnia and Herzegovina with International Participation, Plenary Lecture, Proceedings, 2015, Tuzla, Bosnia and Herzegovina
Title of the publication	Statistical Mode as an indicator of the existence of a separate influential factor on the volume weight of the gabbro rock
Authors	Mandžić K., Ibrahimović A.
Publisher, year and place	I. Congress of Geologists in Bosnia and Herzegovina with International Participation, Proceedings, 2015, Tuzla, Bosnia and Herzegovina
Title of the publication	Geomechanical conditions and possibilities of application of industrial waste material in road construction
Authors	Ibrahimović A., Mandžić K., Hadžić H, Hrnjadović J.
Publisher, year and place	International Scientific Conference "iNDiS 2015", pp.99-113, Proceedings, 2015, Novi Sad, Serbia, ISBN: 987-86-7892-748-5, COBISS.SR-ID 300975111
Title of the publication	Success of remediation of the landslide "Lješnica" near Maglaj
Authors	Mandžić E., Mandžić K., Humo M., Kulukčija S.
Publisher, year and place	Scientific Meeting of "Slides in the Republic of Srpska as a consequence of Constant Precipitation in May 2014", Proceedings, 2015, Banja Luka, Bosnia and Herzegovina
Title of the publication	Causes of occurrence and conditions for landslide remediation at the Orthodox Cemetery in Ugljevik
Authors	Mandžić E., Mandžić K., Ibrahimović A.
Publisher, year and place	2nd Regional Symposium on Landslides in the Adriatic-Balkan Region, Proceedings, 2015, Belgrade, Serbia,
Title of the publication	Causes of occurrence and conditions for landslide remediation at the Catholic Cemetery in Tuzla
Authors	Mandžić E., Mandžić K., Ibrahimović A.
Publisher, year and place	2nd Regional Symposium on Landslides in the Adriatic-Balkan Region, Proceedings, 2015, Belgrade, Serbia,
Title of the publication	Repair of the foundation pit and slope AB with drilled piles and wall panels
Authors	Ibrahimović A., Mandžić K., Hrnjadović J., Hadžić H.
Publisher, year and place	3rd International Scientific Meeting E-GTZ 2016, Proceedings, Tuzla BiH
Title of the publication	Complex destruction of the of the road body, supporting walls and terrain under the influence of water from uncapped source
Authors	Mandžić K., Mandžić E., Ibrahimović A., Kulukčija S.
Publisher, year and place	3rd International Scientific Meeting E-GTZ 2016, Proceedings, Tuzla BiH
Title of the publication	Risk analysis in civil engineering
Authors	Zenunović D., Folić R., Ibrahimović A., Mandžić K.
Publisher, year and place	3rd International Scientific Meeting E-GTZ 2016, Proceedings, Tuzla BiH
Title of the publication	Investigation of the Bear tower within the complex of the Old town of Jajce
Authors	Kulukčija S., Humo M., Mandžić K., Padovan B., Mandžić E.
Publisher, year and place	Structural analysis of Historical Constructions-Anamnesis, diagnosis, therapy, controls-Van Balen & Verstryngne (Eds), © 2016 Taylor & Francis Group, London,

- Title of the publication **The challenges of reconstruction and maintenance of the bulit cultural and historical heritage of Bosnia and Herzegovina**
 Authors Ibrahimović A., Zenunović D., **Mandžić K.**, Mandžić E.
 Publisher, year and place Bulgarian Academy of Science and Arts, Scientific Institute for Architecture, Construction and Urban Planing, Internatonal Scientific Conference BASA'2016, 2016 Sofia, Bulgaria, ISBN: 978-954-8931.50.2
- Title of the publication **Destruction of old buildings in Tuzla city center due to the subsidence of terrain in the zone of salt exploitation**
 Authors **Mandžić K.**, Ibrahimović A., Zenunović D., Mandžić E.
 Publisher, year and place Bulgarian Academy of Science and Arts, Scientific Institute for Architecture, Construction and Urban Planing, Internatonal Scientific Conference BASA'2016, 2016 Sofia, Bulgaria
- Title of the publication **Quality assurance during reconstruction of Old bridge in Mostar, UNESCO heritage**
 Authors Zenunović D., **Mandžić K.**, Ibrahimović A., Jokić A.
 Publisher, year and place Bulgarian Academy of Science and Arts, Scientific Institute for Architecture, Construction and Urban Planing, Internatonal Scientific Conference BASA'2016, 2016 Sofia, Bulgaria
- Title of the publication **Petromechanics of Jablanica gabbro**
 Authors **Mandžić K.**, Babajić E., Ibrahimović A., Mandžić E.
 Publisher, year and place 3. Symposium on stone "Herzegovina-earth of stone", Faculty of Civil Engineering, University of Mostar, 2018, Mostar
- Title of the publication **Methodology for making a small scale landslide susceptibility map on the example of the municipality of Prozor-Rama**
 Authors Babajić E., Kikanović N., **Mandžić K.**, Ibrahimović A., Hodžić S.
 Publisher, year and place Bulletin of the Faculty of Mining, Geology and Civil Engineernig, No. 6, pp. 47-55, 2018, Tuzla (EBSCO research base)
- Title of the publication **Physical and Mechanical specificities of "Tenelija" stone**
 Authors **Mandžić K.**, Ibrahimović A., Mandžić E.
 Publisher, year and place Archives for Technical Sciences, Bulliten No.20, DOI: 10.7251, 2019, Bijeljina, Bosnia i Herzegovina
- Title of the publication **The importance of geomechanical parameters determination for geotechnical calculations**
 Authors **Mandžić K.**, Ibrahimović A., Mandžić E.
 Publisher, year and place 2nd Congress of Geologists in Bosnia and Herzegovina with International Participation, Proceedings, 2019, Laktaši, Bosnia and Herzegovina
- Title of the publication **Significance of landslide susceptibility maps in creation of spatial planning documentation**
 Authors **Mandžić K.**, Kikanović N., Ibrahimović A.
 Publisher, year and place 4th Regional Symposium on landslides in the Adriatic-Balkan Region ReSyLAB, 2019, Sarajevo Bosna i Hercegovina
- Title of the publication **Influence of stress ratio in shear surface on shear strength of deposited material**
 Authors Isabegović J., Mandžić K.
 Publisher, year and place Archives for Technical Sciences, Bulliten No.23, DOI: 10.7251, 2020, Bijeljina, Bosnia i Herzegovina

Title of the publication	The influence of uncertainty in classification parameters on the assessment of rock mass quality
Authors	Mušija A., Mandžić K.
Publisher, year and place	Proceedings, Scientific and Professional Symposium GEO-EXPO 2020 Prijedor, ISSN 2303-4262, https://doi.org/10.35123/GEO-EXPO_2020 , Prijedor, BiH

Chosen studies

Title of the publication	Study “Zoning terrain by the degree of consolidation for the purpose of urbanization for the period 2012-2015, 2015-2020, 2020-2026 for the area under the influence of salt exploitation in Tuzla”, for the second phase of Tuzla municipality spatial plan for the period 2006-2026 -
Authors	Mandžić K.(team leader), Mandžić E., Mandžić E., Ponjavić F., Ćeliković R.,
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2012, Tuzla
Summary	The study included an extensive research and synthesis subsidence measurements conducted for a period of 50 years. Based on the analysis of the data was zoning was conducted with clearly defined boundaries of settlements of varying intensity until 2026 year. The zoning has a great influence on construction development of center area of Tuzla municipality.
Title of the publication	Study on the causes of landslides in the area called “Žuje” Sapna Municipality
Authors	Mandžić E., Mandžić K., Sijerčić I.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2004, Tuzla
Summary	Assessment of the current status and program of research work, conducting site investigations, laboratory testing of samples, parameter calculation, calculation of the stability of profiles and project recovery.
Title of the publication	Geotechnical and foundation engineering geological conditions of the wastewater treatment plant “Natron Hayat” in Maglaj
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2006, Tuzla
Summary	Research of engineering geological and geomechanical characteristics of the terrain required for safe foundation of wastewater clarifiers in the Natron Hayat factory in Maglaj, BiH
Title of the publication	Study on the impact of mining on the quarry “Jata-Tinja” on the stability of residential buildings in the settlement Potpeć municipality Srebrenik, with budgets and geological map
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2006, Tuzla
Summary	Detailed analysis of the impact of mining on objects at a quarry with a special focus on the causes of damage to the investigated objects, using the geophysical methods
Title of the publication	Study on the determination of mechanical, chemical and mineralogical and petrographic characteristics and quality of building stone obtained by exploration drilling and geological surveys on the site Jasarevic gaj “Vrtlište” Mine Kakanj
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2008, Tuzla
Summary	Determination of physical-mechanical, chemical and mineralogical-petrographic

characteristics borehole core samples to determine the usefulness of stone from the site Jasarevic gaj "Vrtlište" Mine Kakanj

Title of the publication	Determination of physical and mechanical properties of diabase from the site "Papratnica" at Žepče
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2006, Tuzla
Summary	Determination of physical-mechanical characteristics of diabase to determine possibilities of stone usage in construction
Title of the publication	Geomechanical research and tests for silos for lime
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2007, Tuzla
Title of the publication	Geomechanical study on slope stability conditions at the location of landslides Lađanica the regional road R-436-Fighters Kalinovik for the design of reconstruction
Authors	Mandžić E., Mandžić K., Sijerčić I.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering 2005, Mostar
Title of the publication	Study "Research the causes of instability for landslide No. 17 on the regional road R-403a, part Tržačka Raštela-Gata-Kamenica
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2006, Tuzla
Title of the publication	Study "Engineering geological and geomechanical properties of the terrain on the regional road R-418b, stock Kalovljakova port-Milaševica"
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2006, Tuzla
Title of the publication	Study 'Geomechanical research on the location of landslides on the road 37 R-407-Velagići Sanica
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2006, Tuzla
Title of the publication	Study "Testing of the site of the mosque and a sports hall Osman ef.Redžović-Čajangrad, Visoko
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2007, Tuzla
Title of the publication	Laboratory geomechanical studies for reconstruction of the clock tower in Stolac
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Interprojekt, 2008, Mostar, Tuzla
Title of the publication	Study "Field and laboratory geomechanical research for reconstruction of R-418b-Prozor- Konjic, part Herska krivina Milaševica approximately 22 km in length"
Authors	Mandžić E., Mandžić K.

Publisher, year and place	Interprojekt, 2008, Mostar, Tuzla
Title of the publication	The report, "Engineering geological and geotechnical conditions for the project of regional road R-453A-Streams Rujište-Česim, part-Karaula Glavatičevo"
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Interprojekt, Mostar, 2009, Tuzla
Title of the publication	Report - Testing a stone from the deposit "Ograjina" at Žepče
Authors	Mandžić K., Babajić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2009, Tuzla
Title of the publication	Feasibility study to build a gas station on the way M17 Mravici village, municipality Tešanj "
Authors	Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2009, Tuzla
Title of the publication	Study "Geomechanical Testing for the clock tower in Kakanj"
Authors	Mandžić K.
Publisher, year and place	RGGF, 2009, Tuzla
Title of the publication	The report, "Engineering geological and geomechanical studies for the conditions analysis of the Jewish cemetery main gate in Sarajevo"
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Interprojekt, 2009, Mostar, Tuzla
Title of the publication	Study "Engineering geological and geomechanical investigations in the area of the walls 19, 20 and 21 on the road R-437-Parsovići KRAGULJI
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Interprojekt, 2009, Mostar, Tuzla
Title of the publication	Study "Engineering geological and geomechanical studies on the regional road R-437-Parsovići KRAGULJI of cuts in order to stabilize the slopes "
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Interprojekt, 2009, Mostar, Tuzla
Title of the publication	The report "Geological, geotechnical and engineering geological conditions of the terrain along the route of the regional road R-418b, Window-Konjic, part Dobroša-Glibe" L = 3000m
Authors	Mandžić E., Mandžić K., Mandžić E.
Publisher, year and place	Interprojekt, 2009, Mostar, Tuzla
Title of the publication	Study "Engineering geological and geomechanical investigations on the location of sports and recreation complex-Koteks in Tesanj"
Authors	Mandžić K., Mandžić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2010, Tuzla
Title of the publication	Study "Engineering geological and geomechanical studies of landslides in the regional road R-436-Fighters Kalinovik" Argud site, landslide II, III, Ia, Ib,

Ic, Id

Authors	Mandžić E., Mandžić K., Mandžić E.
Publisher, year and place	Interprojekt, 2009-2010, Mostar, Tuzla
Title of the publication	Feasibility study for the reconstruction of the regional road R-455-a-Živinice Svatovac, endangered by landslides “
Authors	Mandžić K., Mandžić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2009, tuzla
Title of the publication	Study ‘Geomechanical study for the building of social home in the local community Krševac, municipalities Kakanj “
Authors	Mandžić K., Mandžić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2010, Tuzla
Title of the publication	Elaborate ‘Feasibility study for the site office building “
Authors	Mandžić K., Mandžić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2010, Tuzla
Title of the publication	Feasibility study for the preparation of the Preliminary Design of Mostar road bypass
Authors	Mandžić K., Mandžić E.
Publisher, year and place	Interprojekt, 2010, Mostar
Title of the publication	Preliminary geotechnical study for the creation of the conceptual elevator project on block 6 in the Kakanj Thermal Power Plant
Authors	Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2012, Tuzla
Title of the publication	Geotechnical study and geotechnical project of the G21 mission for the creation of the preliminary elevator project on block 6 in the Kakanj Thermal Power Plant in Kakanj
Authors	Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2012, Tuzla
Title of the publication	Engineering geological and geomechanical investigations of the landslide “Kalovljikova luka” on the regional road R-437 Ostrožac-Fojnica
Authors	Mandžić E., Mandžić K., Mandžić E.,
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2012, Mostar-Tuzla
Title of the publication	Project for remediation of part of the main road Jablanica-Potoci; Analysis of the cause of the instability of the slope above the road M-17 Jablanica-Potoci, km 7 + 20 to 7 + 50 (Komadinovo vrelo), with recommendations for the preliminary solution for geotechnical remediation and protection
Authors	Mandžić E., Mandžić K., Mandžić E.
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2013, Mostar-Tuzla
Title of the publication	The reconstruction project of the Konjic-Borci road part; Study “Engineering geological, geomechanical and geotechnical research with

	recommendations for geotechnical design of micro-location remediation on the regional road R-435 Konjic-Borci section bridge Bijela-Borci"
Authors	Mandžić E., Mandžić K., Mandžić E.,
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2013, Mostar-Tuzla
Title of the publication	The reconstruction project of the Konjic-Borci road part; Study "Engineering geological, geomechanical and geotechnical research with recommendations for geotechnical design of the remediation of micro-locations on the regional road R-435 Konjic-Borci, section Borci-intersection-Boracko jezero"
Authors	Mandžić E., Mandžić K., Mandžić E.,
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2013, Mostar-Tuzla
Title of the publication	Preparatory geotechnical study (mission G1) wind farm Baljci – Tomislavgrad, part of engineering geological and geomechanical research and testing "
Authors	Mandžić E., Mandžić K., Mandžić E.,
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2013, Mostar-Tuzla
Title of the publication	Preliminary geotechnical study (mission G1) electro-filter plant in TA Kakanj,
Authors	Mandžić K., Mandžić E.,
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2013, Tuzla
Title of the publication	Study on geomechanical and engineering-geological research for the construction of an individual facility at the location cp. 1081, 1082, 1083, in Visoko
Authors	Mandžić K., Mandžić E., Mandžić E.,
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2013, Tuzla
Title of the publication	Study on geomechanical conditions of the terrain for the needs of construction of residential buildings in the location Gorani near Visoko
Authors	Mandzic K. and associates
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2013, Tuzla
Title of the publication	Geomechanical study "Research of the slope in the natural state and state of the construced object, the bearing capacity and subsidence of the soil and determining the depth of the foundation and repair works for the constructed building, built on land designated as cadastral plot no. no. 558/2 KO Slavinovići "
Authors	Mandžić K., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2014, Tuzla
Title of the publication	Study on the engineering prospection of landslides in the Srebrenik area
Authors	Žigić I. Mandžić K., Ibrahimović A., Ferhatbegović Z.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2014, Tuzla
Title of the publication	Urgent Flood Recovery Project (FERP) Main road M18 section: Priboj 2 – Simin Han 0 / Remediation of the landslide and road Banj Brdo I (7 locations)

Authors	Mandžić E., MandžićK., Ibrahimović A.
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2014-2015, Mostar-Tuzla
Title of the publication	Report on the conducted laboratory research of rock material and concrete from the location of the tunnel of the HPP “Jajce II”, RGGF Tuzla, number: 06 / 8-392-2 / 14, February 2015
Authors	MandžićK., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2015, Tuzla
Title of the publication	Report on testing of mineralogical-petrographic, physical-mechanical and chemical characteristics of natural stone, RGGF Tuzla, number: 6 / 8-220 / 15, July 2015
Authors	MandžićK., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2015, Tuzla
Title of the publication	Study of the mission G21 “Vjetropark Baljci”, part Geotechnical study – Engineering-geological and geomechanical research and testing for wind farm Baljci,
Authors	Mandžić E., Mandžić K., Ibrahimović A.
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2015, Mostar-Tuzla
Title of the publication	Study on geomechanical research at a site for the construction of an individual residential-business facility on land marked as K.Č. BR. 5471/7 and 541/4 K.O. Slavinovići
Authors	Mandžić K.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2015, Tuzla
Title of the publication	Study on geomechanical research at a site for the construction of an individual residential-business facility on land marked as K.Č. BR. 3774/5 K.O. Tuzla I
Authors	Mandžić K., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2015, Tuzla
Title of the publication	Study on geotechnical research for the construction of an individual residential building on the land owned by Vedad Mulaosmanovic in the village “Omerbegovac” in Brcko
Authors	Mandžić K., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2016, Tuzla
Title of the publication	Study on geotechnical research at the site for construction of a residential building on land designated as cadastral plot no. 463/1 K.O. Marinovići in the settlement Cerik in Tuzla
Authors	Mandžić K., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2016, Tuzla
Title of the publication	Research project “Risk of landslide and development of landslides in Brčko District with analysis of possibilities of prevention and optimal conditions of rehabilitation”

Authors	K.Mandžić, A.Ibrahimović
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2016, Tuzla
Title of the publication	The study on geomechanical research at the site for the construction of a residential building on a land designated as cadastral plot no. 3050/2 and 3051/15 K.O. Brčko
Authors	K.Mandžić, A.Ibrahimović
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2016, Tuzla
Title of the publication	The study on geotechnical research for the construction of residential buildings on the land in marked as k.o. Brčko 1, cp no. no. 3631.
Authors	K.Mandžić, A.Ibrahimović
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2017, Tuzla
Title of the publication	Emergency flood recovery project (FERP) – Engineering-geological and geotechnical supervision of landslide and road remediation – Main road M18 section: Priboj 2 – Simin Han 0 / Remediation of landslide and road Banj Brdo I (7 locations)
Authors	Mandžić E., Mandžić K.
Publisher, year and place	Interprojekt- Faculty of Mining, Geology and Civil Engineering, 2017, Mostar-Tuzla
Title of the publication	Expert opinion on the implementation of interventional remediation measures at the location “Plazulje-Water Factory in Brcko”
Authors	Mandžić K., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2018, Tuzla
Title of the publication	Project “Geomechanical and geotechnical characteristics of landslide Zimča-Mestovci (location II) with analysis of the cause of landslide formation and proposal of remediation measures”
Authors	Mandžić K., Ibrahimović A., Mandžić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2018, Tuzla
Title of the publication	Project “Geomechanical and geotechnical characteristics of terrain for foundation of buildings in Kakanj-Parts S1 and S2”
Authors	Mandžić K., Ibrahimović A., Mandžić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2019, Tuzla
Title of the publication	Project “Geotechnical research of the site for wastewater treatment plants in Banlozi, city of Zenica”
Authors	Mandžić K., Ibrahimović A., Mandžić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2019, Tuzla
Title of the publication	Study on engineering-geological and geomechanical characteristics of the terrain for the construction of a business facility
Authors	Mandžić K., Ibrahimović A.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2022, Tuzla
Title of the publication	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

Authors	Mandžić K., Ibrahimović A., Babajić E., Ribić N.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2022, Tuzla
Title of the publication	Reinterpretation of the results of the conducted research and preparation of reports, as well as a field visit to the “Golubinja” tunnel route on the route of Corridor Vc
Authors	Mandžić K., Ibrahimović A., Babajić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2022, Tuzla
Title of the publication	Preliminary design of temporary landslide rehabilitation measures in the area of the water factory in Brčko.
Authors	Mandžić K., Ibrahimović A., Hadžić H.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2023, Tuzla
Title of the publication	Study on geomechanical and geotechnical characteristics of the terrain for the construction of a wastewater treatment plant - Phase I
Authors	Mandžić K., Ibrahimović A., Ribić N, Hodžić M.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2024, Tuzla
Title of the publication	Report on the reinterpretation of the results of the conducted research work and field recognition in the area of the "Putnikovo brdo 1" tunnel near Dobož
Authors	Mandžić K., Ibrahimović A., Babajić E.
Publisher, year and place	Faculty of Mining, Geology and Civil Engineering, 2025, Tuzla

Honors and Awards

Title	Four silver and one gold plaque of University of Tuzla (2000, 2001, 2002, 2003)
Institution	University of Tuzla, Faculty of Mining, Geology and Civil Engineering
Reason	For accomplished academic achievement (grade point average above 9)

Membership in science associations

Name of the society/ association	Geotechnical Society of Bosnia and Herzegovina
Short description of society/ association	Society gathers a scientists in area of geotechnics, engineering geology and rock and soil mechanics
Adress of the association/ web	Univerzitetska 2 75000 Tuzla / geotehnika@untz.ba
Position in the association	Member
Name of the society/ association	INTERNATIONAL SOCIETY OF ROCK MECHANICS (ISRM)
Short description of society/ association	Society gathers a scientists in area of rock mechanics
Adress of the association/ web	

Position in the association	Member
Name of the society/ association	International Consortium on Landslides (ICL)
Short description of society/ association	Society gathers a scientists in area of landslide research
Adress of the association/ web	
Position in the association	Member
Name of the society/ association	International society for soil mechanics and geotechnical engineering (ISSMGE)
Short description of society/ association	Society gathers a scientists in area of soil mechanics and geotechnics
Adress of the association/ web	
Position in the association	Member
Name of the society/ association	Association of Geologists of Bosnia and Herzegovina
Short description of society/ association	Society gathers a scientists in area of geology, engineering geology and geomechanics
Adress of the association/ web	
Position in the association	Member
Participation in education process	
As the assistan/higher assistant	Soil mechanics, Rock Mechanics, Soil and Rock and Mechanics in Civil Engineering, Geotehnics, Landslide remediation, Engineering Geology, Engineering geodinamics Mehanika tla, Mehanika stijena, Mehanika tla i stijena (Građevinarstvo), Geotehnika, Sanacija klizišta, Inženjerska geologija (Geologija i Građevinarstvo), Inženjerska geodinamika. II ciklus - Geotehnički radovi u stijeni, Inženjerska mehanika tla i stijena. As assistant Rock and in Geology, Soil and Rock and Mechanics in Civil Engineering, geophysics, Ground water flow, Hidrogeological research As higher assistant Rock and Soil mechanics in geology, Rock and Soil Mechanics in Civil Engineering, geophysics, Theoretical Mechanics in Geology ,Ground water flow, Geophysics
As assistant proffesor	Rock and Soil Mechanics in Geology, Rock and Soil Mechanics in Civil Engineering, Geophysics, Geotehnics, Safety in Geotehnics,Theoretical Mechanics in Geology , Material Ressistance
As associate professor	Rock and Soil Mechanics in Geology, Rock and Soil Mechanics in Civil Engineering, Geotehnics, Safety in Geotehnics,Theoretical Mechanics, Geotechnical hazards, Geotechnics in urbanization, Landslide remediation.
Mentorship in the preparation of master's and doctoral theses	
Master thesis (mentoring)	"Stability of shale slopes and conditions of remediation", Final master's thesis was defended on February 12, 2015. , candidate Ismihana Sarač, Master of Geology-B.Sc.Geology -"Geomechanical research of the site for the construction of the high damm for power plant Vranduk"

Final master's thesis defended on November 28, 2015, candidate Jasmin Isabegović, Master of Geology-B.Sc.Geology
 -"Impact of alteration on diabase strength"
 Final master's thesis defended on December 12, 2015, candidate Almir Hodžić, Master of Geology-B.Sc.Geology
 -"Geotechnical conditions for urbanization in Brčko District"
 Final master's thesis defended on April 27, 2016, candidate Vanja Piperac, Master of Geology-B.Sc.Geology
 -"Problems of the Uncertainty of the Geotechnical Model of the Terrain and the Efficiency of Terrain Remediation Measures in Brčko District"
 Final master's thesis defended on February 24, 2017, candidate Tatjana Mišić, Master of Geology-B.Sc.Geology.
 -"Geotechnical conditions of the environment as an influential factor in the design of the section of the highway Tuzla-Zepce"
 Final master's thesis defended on July 13, 2017, candidate Nermin Kadrić, Master of Geology-B.Sc.Geology.
 -"Dependence of the strength of ultramafite from petrographic characteristics"
 Final master's thesis was defended on May 11, 2018, candidate Muamer Imamović, Master of Geology-B.Sc.Geology.
 -"Applicability of geotechnical project for remediation of unstable terrain in the function of time" Final master's thesis defended 09.07.2018, candidate Sanela Hodzic, Master of Geology-B.Sc.Geology
 -"Geotechnical terrain modeling as a basis for building foundations"
 Final master's thesis defended on 05.03.2021., candidate Miralem Kamerić, Master of Geology - B.Sc.Geology
 -"Mechanical and deformation characteristics of Frankfurt overconsolidated clays"
 Final master's thesis defended on 06.11.2023. , candidate Safet Mutapčija, Master of Geology -B.Sc.Geology
 -"Categorisation of rock mass using RMR classification for the construction of the "Vranduk 2" service tunnel"
 Final master's thesis defended on 08.12.2023., candidate Šejla Krasnić, Master of Geology -B.Sc.Geology
 - Application of RMR classification in complex geomechanical conditions on the example of the "Zenica" tunnel
 Final master's thesis defended on 28.03.2024., candidate Džemal Hodžić, Master of Geology -B.Sc.Geology

Research projects and studies

The main project of the multipurpose water management subsystem Crna Rijeka: Investigation of the shear strength on cylindrical patterns along discontinuity on the barrier profile of Crna Rijeka near Trnovo.

Mandžić E. and associates (Sijerčić I., Ibrahimović A., Mandžić K., Imamović A.)
 Consolidation and Construction d.o.o. Sarajevo, March 2003 Sarajevo

Research on raising the level of groundwater in the massif in the area with uncontrolled salting in order to stop the exploitation on the salt wells in Trnovac and Hukalo: Book V-surface mapping and terrain monitoring.

Mandžić E. (Group V - associates: Mulać M., Sijerčić I., Mandžić K.)
 Salt Mine Tušanj, 2004/05. Tuzla.
 Faculty of Mining, Geology and Civil Engineering, 2005, Tuzla

Study field "Zoning of terrain by degree of consolidation for the needs of urbanization for the period 2012-2015, 2015-2020, 2020-2026 for the area under the influence of exploitation of salt in the city of Tuzla" for the needs of the second phase of the spatial plan of the municipality of Tuzla for the period 2006-2026-

Mandžić K. and associates .

Faculty of Mining, Geology and Civil Engineering, 2011, Tuzla

Scientific Research Project "Risk of landslide occurrence and development

of landslides in Brčko District with analysis of possibilities of prevention and optimal conditions of rehabilitation"

K.Mandžić, A.Ibrahimović

Faculty of Mining, Geology and Civil Engineering, 2016, Tuzla

International project Erasmus+ "Knowledge For Resilient SoCiEty-K-FORCE"

R. Šišić., K.Mandžić, A.Ibrahimović, J. Marković, Z. Karadžin,

Faculty of Mining, Geology and Civil Engineering, 2016, Tuzla

Study on mineralogical-petrographic, physical-mechanical and technological characteristics of peridotite (lerzolite, harcurbite and dunite) of the area "Delić brdo", Petrovo-RS, BiH

K.Mandžić, A.Ibrahimović, E.Mandžić, E.Mandžić, M.Imamović

Faculty of Mining, Geology and Civil Engineering, 2016, Tuzla

International Scientific Research Project "Transnational advanced management of land use risk through landslide susceptibility maps design", according to the Interregional IPA Cross-Border Cooperation Program Croatia-Bosnia-Herzegovina-Montenegro 2014-2020.

K. Mandžić (project coordinator), A. Ibrahimović, E. Babajić., etc

Faculty of Mining, Geology and Civil Engineering, 2017-2019, Tuzla

International Scientific Research Project "Response to landslide and flash flood risk with early warning system design", under the Interregional IPA Cross-border Cooperation Programme Croatia - Bosnia and Herzegovina - Montenegro 2020-2023.

K. Mandžić (project coordinator), A Ibrahimović, etc.

Faculty of Mining, Geology and Civil Engineering, 2019-2022, Tuzla

International scientific research project "A cross-border approach to improve landslide risk assessment using LiDAR-based landslide inventory (LADY), under the Interregional IPA Cross-Border Cooperation Programme Croatia - Bosnia and Herzegovina - Montenegro 2024-2027.

K. Mandžić (project coordinator), A Ibrahimović, etc.

Faculty of Mining, Geology and Civil Engineering, 2024-2027, Tuzla

Published books

Title of the publication

Authors

Publisher, year and place

Sanacija klizišta (Landslide remediation)

Ibrahimović A., Mandžić K.

d.o.o. Mikroštampa, 2013 Tuzla, ISBN 987-9958-9127-5-7, COBISS.BH-ID 20610054

Title of the publication

Authors

Publisher, year and place

Geotehnomehanika (Geotechnomechanics)

Mandžić E., Mandžić K., Čerimagić Đ.

d.o.o. Mikroštampa, 2014 Tuzla, ISBN 987-9958-9127-7-1, COBISS.BH-ID 20937990

Title of the publication

Authors

Publisher, year and place

Geotehnomehanika II Iskustvena pravila (Geotechnimechanics II- Experimental rules)

Mandžić E., Mandžić K., Ibrahimović A.

Soreli d.o.o., 2019 Tuzla, ISBN 987-9958-562-28-0, CIP 624.13(083.15), COBISS.BH-ID 27183622

Title of the publication

Authors

Publisher, year and place

Material resistance

Ibrahimović A., Mandžić K., Hadžić H.,

BMG Bosanska medijska grupa (2019), ISBN 987-9958-089-32-9; 987-9958-089-

Personal skills and competences

Mother language

Bosnian

Other languages

Understanding		Speaking		Writing
Hearing	Reading	Speaking interaction	Speaking	

English language**German language**

Excellent	Excellent	Excellent	Excellent	Excellent
Good	Good	Satisfying	Satisfying	Good

Scientific, professional and social competence

Competence to conduct scientific research and teaching in higher education

Rock and Soil Mechanics in Geology and Civil Engineering , Geophysics in all aspects of the application (conditions of objects cultural and historical heritage, the conditions of groundwater for water supply, engineering geological and geotechnical characteristics of the terrain, seismic effects of blasting), Engineering geology

Competence to participate in research projects

Rock and Soil Mechanics in Geology and Civil Engineering, Geophysics in all aspects of the application (conditions of objects cultural and historical heritage, the conditions of groundwater for water supply, engineering geological and geotechnical characteristics of the terrain, seismic effects of blasting), Engineering geology

Scientific research interest and current development

Problems of Rock and Soil Mechanics (the study of behavior of soil and rock material when making engineering facilities), Geophysics, Engineering Geology

Planned training

Applying the results of geotechnical and geophysical investigations for different purposes on the basis of participation in professional studies.

Organisational skills and competences

Organizational skills and competence in all aspects related to geotechnical and geophysical profession and scientific research

Technical skills and competences

Handling all kinds of equipment for Geotechnical and Geophysics research

Computer skills and competences

Good computer skills with the use of a number of specific programs related to the profession

Artistic skills and competences

Good knowledge of contemporary art with the possibility of estimation of the art by art-visual values and belonging to the right direction (all directions of contemporary art BiH from the eighties to the present)

I, the undersigned, hereby certify that, to my knowledge, and my name, the above-mentioned data are correct to describe me, my qualifications and my experience in previous work.

Tuzla, 10.09.2025.

 Dr sc.Kenan MANDŽIĆ, dipl.ing.