

Academic curriculum vitae



Personal information

Name	Samir Nurić		
Address	M. M. Dizdara Stupine C1 lam. A	75000 Tuzla	
Phone	00387 35 320 573		Mobile Phone: 00387 61 131 875
Fax	00387 35 320 570		
E-mail	samir.nuric@untz.ba		
Nationality	Bosnian		
Date of birth	22/6/1969		
Sex	male		

WORK EXPERIENCE position/academic title

University of Tuzla / Faculty of Mining, Geology and Civil Engineering, Department of Surface mining / Full Professor / Doctor of Technical Sciences in the field of mining

Work experience

Date	March 2017 – present		
Position/academic title	University professor/Full Professor/ Doctor of Technical Sciences in the Field of Mining		
Main activities and responsibilities	Teaching, Office Hours, Science and Research		
Employer	University of Tuzla, Faculty of Mining, Geology and Civil Engineering		
Sector	Higher education		
Date	8/11/2016 – March 2017		
Position/academic title	Rector /Full Professor/Doctor of Technical Sciences in the field of Mining		
Main activities and responsibilities	Managing the University of Tuzla		
Employer	University of Tuzla		
Sector	Higher education		
Date	26/5/2016 - present		
Position/ academic title	University professor/Full Professor/ Doctor of Technical Sciences in the field of Mining		
Main activities and responsibilities	Teaching, Office Hours, Science and Research		
Employer	University of Tuzla, Faculty of Mining, Geology and Civil Engineering		
Sector	Higher education		
Date	26/5/2010 - 26/5/2016		
Position/academic title	University professor/Associate Professor/Doctor of Technical Sciences in the field of Mining		
Main activities and responsibilities	Teaching, Office Hours, Science and Research		
Employer	University of Tuzla, Faculty of Mining, Geology and Civil Engineering		
Sector	Higher education		

Date	22/6/2005 – 25/5/2010
Position/academic title	University professor/Assistant Professor/Doctor of Technical Sciences in the field of Mining
Main activities and responsibilities	Teaching, Office Hours, Science and Research
Employer	University of Tuzla, Faculty of Mining, Geology and Civil Engineering
Sector	Higher education
Date	24/6/2001 – 21/6/2005
Position/academic title	Senior Teaching Assistant/ Senior Teaching Assistant/ Master of Technical Sciences in the field of Mining
Main activities and responsibilities	Teaching, Office Hours, Science and Research
Employer	University of Tuzla, Faculty of Mining, Geology and Civil Engineering
Sector	Higher education
Date	1/3/1995 – 23/6/2001
Position/academic title	Teaching Assistant/Teaching Assistant/Graduated Mining Engineer
Main activities and responsibilities	Teaching, Office Hours, Science and Research
Employer	Faculty of Mining, Geology and Civil Engineering
Sector	Higher education
Date	1/5/1995 – 31/7/1995
Position/academic title	Information system developer - technologist – specialist/Graduated Mining Engineer
Main activities and responsibilities	Developing and managing information system in Black Coal Mine Banovići
Employer	Coal Mines Tuzla in Tuzla, Ltd., Black Coal Mine Banovići
Sector	Coal production and sales
Date	1/8/1995 – 1/6/1998
Position/ academic title	Mining technologist for technical and technological planning/Graduated Mining Engineer
Main activities and responsibilities	Mining Engineer - technologist
Employer	Coal Mines Tuzla in Tuzla, Ltd., Black Coal Mine Banovići
Sector	Coal production and sales
Education and Training	
Date	1987
Qualification awarded	High-school diploma - IV level of education
Field of science, acquired qualifications and skills	Mining technician. Acquired skills in the filed of mining
Type and name of the organisation	Vocational School of Mining Tuzla, secondary education
Date	1987
Qualification awarded	Passed Firefighter Exam
Field of science, acquired qualifications and skills	Fire Protection Service
Type and name of the organisation	The Yugoslav People's Army - JNA
Date	1994
Qualification awarded	University degree - VII level of education
Field of science, acquired qualifications and skills	Mining, Graduated Mining Engineer. Acquired skills in the filed of mining, with special focus on borehole exploitation.
Type and name of the organisation	Faculty of Mining and Geology, University of Tuzla, Higher education
Date	2001
Page 2 - Curriculum vitae	University of Tuzla

Qualification awarded	VIII/1 – Master's degree
Field of science, acquired qualifications and skills	Mining. Master of Science in the field of Mining, Senior Teaching Assistant. Acquired knowledge in the field of surface mining
Type and name of the organisation	Faculty of Mining and Geology, University of Tuzla, Higher education
Date	2005
Qualification awarded	VIII/2 - Doctoral degree
Field of science, acquired qualifications and skills	Mining. Doctor of Technical Sciences in the field of Mining, Assistant Professor. Acquired specialist knowledge in the field of surface mining
Type and name of the organisation	Faculty of Mining and Geology, University of Tuzla, Higher education
Date	2008
Qualification awarded	Certificate of completion of course on 'Finite Element Method' at the Summer University
Field of science, acquired qualifications and skills	Mining, civil engineering, mechanical engineering. Skills in the field of numerical modeling using finite element method.
Type and name of the organisation	Faculty of Mining and Geology, University of Tuzla, Higher education
Date	2008
Qualification awarded	International seminar certificate on corporate governance
Field of science, acquired qualifications and skills	Governing corporations
Type and name of the organisation	Revicon Ltd., Sarajevo
Date	2009
Qualification awarded	International seminar certificate on corporate governance
Field of science, acquired qualifications and skills	Governing corporations
Type and name of the organisation	Revicon Ltd., Sarajevo
Date	2010
Qualification awarded	Certificate of completed training according to the Training Program for Presidents and Members of Supervisory Boards and Management Boards of Companies with State Capital Participation
Field of science, acquired qualifications and skills	Corporate management
Type and name of the organisation	Chamber of Commerce of FBiH

Scientific papers within formal education

Appointment to the position of Senior Assistant – competence in the field of mining, surface mining, mining processes

Title of the paper	"Softveri u tehničkoj primjeni ", Nurić A., Nurić S.
The institution where the paper was prepared	Zbornik radova RGGF-a. XXII, ISSN 1512-7044, pp. 101-104
Year and place	2000, Tuzla

Appointment to the position of assistant professor – competence in the field of mining, surface exploitation of mineral raw materials, processes in surface exploitation (drilling and blasting, dredging, transport, disposal, reclamation and auxiliary processes such as drainage, construction and maintenance of roads in the mine-quarry, etc.), design of open pit mines and quarries, programming, ecology, safety and legislation in open pit mines and quarries

Title of the paper	"Pouzdanost kontinuiranih kompleksa mehanizacije sa djelimičnim međubunkerisanjem", Golać H., Brčanić M., Nurić S., Kukić M.
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The institution where the paper was prepared	Zbornik radova RGGF, XXIII, ISSN 1512-7044, pp. 41-45
Year and place	2001, Tuzla
Title of the paper	"Predstavljanje površinskog kopa primjenom softvera PLOT88", Golać H., Nurić A., Nurić S., Pašić-Škripić D.
The institution where the paper was prepared	Naučno-stručni časopis RUDARSTVO 23-24, ISSN 0353-9172, pp. 31-35, Rudarski Institut Tuzla
Year and place	2001, Tuzla
Title of the paper	"Proračun pouzdanosti kontinuiranih kompleksa mehanizacije po metodi matrica prelaza na primjeru PK "Dubrave"", Golać H., Nurić S., Brčanić M., Kukić M.
The institution where the paper was prepared	Zbornik radova RGGF, XXIV, ISSN 1512-7044, pp. 41-46
Year and place	2001, Tuzla
Title of the paper	"Numerička analiza konačnim elementima kod izgradnje tunela", Nurić A., Nurić S., Gutić K.
The institution where the paper was prepared	Zbornik radova RGGF Tuzla, XXIV, ISSN 1512-7044, pp.99-102
Year and place	2002, Tuzla
Title of the paper	"Zavisnost otkopnog kapaciteta rotornog bagera SRs – 402 u funkciji prirodnih i tehnoloških faktora", Brčanić M., Golać H., Nurić A., Nurić S.
The institution where the paper was prepared	Zbornik radova RGGF Tuzla, XXV, ISSN 1512-7044, pp.7-14
Year and place	2003, Tuzla
Title of the paper	"Programiranje u FORTRAN-u sa grafikom", Nurić A., Nurić S., Brčanić M., Golać H.
The institution where the paper was prepared	Zbornik radova RGGF-a Tuzla, XXV, ISSN 1512-7044, pp.77-82
Year and place	2003, Tuzla
Title of the paper	"Izbor utovarno-transportnog kompleksa bager-kamioni", Nurić S., Golać H., Nurić A., Brčanić M.
The institution where the paper was prepared	Zbornik radova RGGF-a Tuzla, XXVI, ISSN 1512-7044, pp.59-66
Year and place	2003, Tuzla
Title of the paper	"Application of the finite element method on construct of tunnels and underground excavation", Nurić A., Nurić S., Gutić K.
The institution where the paper was prepared	4 th International conference of PhD students University of Miskolc, Hungary, ISBN 963 661 585 3 and ISBN 963 661 591 8, pp. 353-358
Year and place	2003, Miskolc
Title of the paper	"Application of trolley assist diesel-electric DC trucks on the open pit mine Grivice-Banovici", Nurić S., Nurić A.
The institution where the paper was prepared	36 th International October Conference on Mining and Metallurgy, Technical Faculty Bor-University of Belgrade, ISBN 86-80987-27-1, pp. 156-160
Year and place	2004, Bor

Appointment to the title of associate professor – competence in the field of mining, surface exploitation of mineral raw materials, processes in surface exploitation (drilling and blasting, dredging, transport, disposal, reclamation and auxiliary processes such as drainage, construction and maintenance of roads in the mine-quarry, etc.), design of open pit mines and quarries, programming, ecology, safety and legislation in open pit mines and quarries

Title of the paper	"Proračun stabilnosti radnih kosina pomoću računara na PK 'Mošćanica' RMU Zenica", A. Nurić, S.Nurić, M. Avdić
The institution where the paper was prepared	Rudarski radovi 1/2005, Institut za bakar Bor, UDC 622, YU ISSN 1451-0162, pp. 44-49
Year and place	2005, Bor
Title of the paper	"Analysis of removing the overburden with complex shovel-crusher-belt-stacker (SCBS)", S. Nurić, A.Nurić, I.Lapandić
The institution where the paper was prepared	Proceedings 37 th IOC on mining and metallurgy, Technical faculty at Bor University of Belgrade, Copper Institute Bor, ISBN 86-80987-34-4, pp. 41-45
Year and place	2005, Bor
Title of the paper	"Analysis of the overall slope stability on pit mine 'Moscanica' in Zenica with methods Bishop and Morgenstern – Price", A. Nurić, S.Nurić, I.Lapandić
The institution where the paper was prepared	Proceedings 37 th IOC on mining and metallurgy, Technical faculty at Bor University of Belgrade, Copper Institute Bor, ISBN 86-80987-34-4, pp. 28-34
Year and place	2005, Bor
Title of the paper	"Tehnološki parametri bušenja i miniranja otkrivke na površinskim kopovima RMU Banovići", M.Kukić,M.Čerčić, V.Halilbegović, S.Nurić
The institution where the paper was prepared	Rudarski radovi 2/2005, Institut za bakar Bor UDC 622, YU ISSN 1451-0162, pp. 52-59
Year and place	2005, Bor
Title of the paper	"Define optimal technical-technologic parameters drainage of the pit mine", S. Nurić, A. Nurić, T. Knežiček, M. Kukić, M. Klopčić
The institution where the paper was prepared	Proceedings 38 th IOC on mining and metallurgy, Technical faculty at Bor University of Belgrade, Copper Institute Bor, ISBN 86-7827-019-5, pp.112-124
Year and place	2006, Bor
Title of the paper	"Analysis possibility of application diesel-electric AC trucks on the open pit mine 'Grivice', black coal mine Banovići", S. Nurić, A. Nurić, T. Knežiček, M. Kukić, M. Klopčić
The institution where the paper was prepared	Proceedings 38 th IOC on mining and metallurgy, Technical faculty at Bor University of Belgrade, Copper Institute Bor, ISBN 86-7827-019-5, pp.125-136
Year and place	2006, Bor
Title of the paper	"Ekonomski parametri bušenja i miniranja otkrivke na površinskim kopovima RMU Banovići", Nurić S, Nurić A., T. Knežiček, M. Klopčić, V. Halilbegović, E. Haračić
The institution where the paper was prepared	Rudarski radovi 1-2/2006, Institut za bakar Bor, UDC 622, YU ISSN 1451-0162, pp. 31-36
Year and place	2006, Bor
Title of the paper	"Analiza transporta jalovine žičarom od pogona separacije do odlagališta Ravni bor-Ježevac u RMU Banovići", S. Nurić, A. Nurić, M. Klopčić
The institution where the paper was prepared	Zbornik radova RGGF-a Tuzla, XXXI, ISSN 1512-7044, pp. 119-125
Year and place	2007, Tuzla
Title of the paper	"Vizualizacija vanjskog odlagališta 'Zapad' na PK Dubrave korištenjem kompjuterske tehnike", A. Nurić, S. Nurić, E. Haračić
The institution where the paper was prepared	Zbornik radova RGGF-a, XXXIII, ISSN 1512-7044, pp. 183-187
Year and place	2007, Tuzla

Title of the paper	"The methods of monitoring slope stability to provide security performance of works on the open pit mine", A. Nurić, S. Nurić, Š. Lapandić, E. Haračić
The institution where the paper was prepared	Proceedings 39 th IOC on mining and metallurgy, Technical faculty at Bor University of Belgrade, Copper Institute Bor, ISBN 987-86-80987-52-1, pp. 58-63
Year and place	2007, Bor
Title of the paper	"Defining time of cycle equipment for excavation and loading on the pit mine 'Vrtliste' black coal mine Kakanj", S. Nurić, E. Haračić, M. Kukić, A. Nurić
The institution where the paper was prepared	Proceedings 39 th IOC on mining and metallurgy, Technical faculty at Bor University of Belgrade, Copper Institute Bor, ISBN 987-86-80987-52-1, pp. 44-50
Year and place	2007, Bor
Title of the paper	"Quality standards for waste dump reclamation at Vrtliste coal pit mine", T. Knežiček, E. Haračić, S. Nurić
The institution where the paper was prepared	The first international conference on indicators for land rehabilitation and sustainable development, Beijing
Year and place	2008, Beijing
Title of the paper	"Development of software for estimation open cycle of truck transportation on the pit mine", A. Nurić, S. Nurić, E. Hercegovac
The institution where the paper was prepared	The 4 th Malaysia Software Engineering Conference 2008, University Malaysia Terengganu, Terengganu
Year and place	2008, Terengganu
Title of the paper	"Haulage solutions with trolley assist diesel-electric AC trucks on the pit mine RMU Banovici", Nurić S., Nurić A., Brčanić M.
The institution where the paper was prepared	Journal of mining and metallurgy 45 A (1), Technical faculty at Bor University of Belgrade, pp. 79-87, ISSN 1450-5959
Year and place	2009, Bor
Title of the paper	"Optimization of bench height on quarry "Duboki potok-Bijela rijeka" Ingram Srebrenik", Nurić S., Nurić A., Kešetović Z., Delić M.
The institution where the paper was prepared	Proceedings 41 th IOC on Mining and Metallurgy – IOCMM 2009, Kladovo, Mining and Metallurgy Institute Bor and University of Belgrade Technical faculty Bor, pp. 175-180, COBISS.SR-ID 169873676
Year and place	2009, Bor
Title of the paper	"Specifying the influence of landfill coal mine „Dubrave“ on the surrounding terrain", Delić M., Nurić A., Nurić S., Radulović V.
The institution where the paper was prepared	Proceedings 41 th IOC on Mining and Metallurgy – IOCMM 2009, Kladovo, Mining and Metallurgy Institute Bor and University of Belgrade Technical faculty Bor, pp. 293-298, CIP 622(082) i 669(082), ISBN 978-86-7827-033-8, COBISS.SR-ID 169873676
Year and place	2009, Bor
Title of the paper	"Application of computer simulation construction of the haul roads at the open pit mine", Delić M., Nurić A., Nurić S., Radulović V.
The institution where the paper was prepared	Proceedings 41 th IOC on Mining and Metallurgy, – IOCMM 2009, Kladovo, Mining and Metallurgy Institute Bor and University of Belgrade Technical faculty Bor, pp. 169-174, COBISS.SR-ID 169873676
Year and place	2009, Bor
Title of the paper	"Methodologies of calculation mass for construction plateau on the site "Streliste" Velika Ribnica – Banovici", Nurić A., Nurić S., Hercegovac E., Lapandić S., Delić M.
The institution where the paper was prepared	Proceedings 42 th IOC on Mining and Metallurgy, pp. 364-367, Technical faculty at Bor University of Belgrade, Copper Institute Bor, Kladovo, Serbia, COBISS.SR-ID 178565388
Year and place	2010, Kladovo

Title of the paper	"Determination of final slope stability at the pit mine Dubrave", Delic M., Nuric A., Nuric S., Radulovic V.
The institution where the paper was prepared	Proceedings 42 th IOC on Mining and Metallurgy, pp. 134-137, Technical faculty at Bor University of Belgrade, Copper Institute Bor, Kladovo, Serbia, COBISS.SR-ID 178565388
Year and place	2010, Kladovo

Appointment to the position of full professor - competence in the field of mining, surface mining, mining processes

Title of the paper	"Numerical methods in analysis of slope stability", Nuric A., Nuric S., Kricak L., Husagic R.
The institution where the paper was prepared	International Journal of Science and Engineering Investigations, Vol. 2, Issue 14, pp. 41-48, ISSN 2251-8843
Year and place	2013

Title of the paper	"Redevelopment of Mining Area", Nuric A., Nuric S., Bracaninovic M.
The institution where the paper was prepared	Quaestus Multidisciplinary Research Timișoara, pp. 267-277, ISSN online 2343-8134, ISSN –L 2285-424X
Year and place	2014, Timișoara, http://www.quaestus.ro/wp-content/uploads/2012/03/nuric4.pdf

Title of the paper	"Developing and application of software for determining parameters of drainage on designed embankment", Nuric A., Nuric S., Kricak L., Negovanovic M.
The institution where the paper was prepared	International Journal of Engineering Works, Kambohwell Publisher Enterprises Vol. 2, Issue 5, pp. 58-65, ISSN: 2409-2770, DOI 10.5281/zenodo.15775, DOI 10.5281/zenodo.17402
Year and place	2015, http://www.kwpublisher.com/?paper=1-55-Developing-and-Application-of-Software-for-Determining-Parameters-of-Drainage-on-Designed-Embankment

Title of the paper	"Influence of bulldozer delays on effective time of work in surface mining", Nuric S., Nuric A.
The institution where the paper was prepared	Journal of Multidisciplinary Engineering Science Studies (JMESS), ISSN: 2912-1309, Vol. 1 Issue 1, pp.30-35
Year and place	2015, http://www.jmess.org/wp-content/uploads/2015/11/JMESSP13420008.pdf

Title of the paper	"Development of a fuzzy model for predicting the penetration rate of tricone rotary blasthole drilling in open pit mines", Kricak L., Negovanovic M., Mitrovic S., Miljanovic I., Nuric S., Nuric A.
The institution where the paper was prepared	The Journal of the Southern African Institute of Mining and Metallurgy, Vol. 115, pp. 1065-1071, ISSN: 2225-6253
Year and place	2015, http://dx.doi.org/10.17159/2411-9717/2015/v115n11a11 , http://www.saimm.co.za/Journal/v115n11p1065.pdf

After being appointment to the position of full professor - competence in the field of mining, surface mining, mining processes

Title of the paper	"The consequences of subsidence on the cultural heritage and tourism of Tuzla", Nuric S., Nuric A., Knezicek T.
The institution where the paper was prepared	QUAESTUS multidisciplinary research journal, Issue 12, pp. 120-134, ISSN online 2343-8134, ISSN –L 2285-424X
Year and place	2018, Timișoara

Title of the paper	"What after mine closure?", Nurić S., Kešetović Z., Nurić A., Gutić K.
The institution where the paper was prepared	QUAESTUS Multidisciplinary Research Timișoara, pp. 333-348, ISSN online 2343-8134, ISSN –L 2285-424X,
Year and place	2019, Timișoara

Title of the paper	"Numerical modeling of transport roads in open pit mines", Nuric A., Nuric S.
The institution where the paper was prepared	Journal of Sustainable Mining, Volume 18, Issue 1, pp. 25-30, https://doi.org/10.1016/j.jsm.2019.02.005
Year and place	2019, https://www.sciencedirect.com/science/article/pii/S2300396018301599

Title of the paper	"Categorization of the Post-Mine Land", Nuric S., Nuric A., Bajrektarevic I., Kešetovic Z.
The institution where the paper was prepared	SSRN
Year and place	2020, https://ssrn.com/abstract=3549309
Title of the paper	"The noise at the open pit mine Potocari in Tuzla canton", Nuric S., Nuric A., Bajrektarevic I., Zenunovic J.
The institution where the paper was prepared	QUAESTUS multidisciplinary research journal, pp. 230-245
Year and place	2020, Timișoara
Title of the paper	"Abandoned open pit mine and ecological tourism", Nurić S., Nurić A., Bajrektarević I., Isaković S.
The institution where the paper was prepared	QUAESTUS multidisciplinary research journal, pp. 42-52
Year and place	2021, Timișoara
Title of the paper	"Analysis of fuel consumption with two methods of exploitation of limestone", Nuric S., Nuric A.
The institution where the paper was prepared	QUAESTUS multidisciplinary research journal, Issue 20, pp. 21-31
Year and place	2022, Timișoara, Timisoara, https://www.proquest.com/openview/21e0ba3b7ee9425e7b3600313c39b2b0/1?pq-origsite=gscholar&cbl=2040113
Title of the paper	"Geodetic surveying of the depot using the combined method and mass calculation at the "Jablan" quarry", Nuric A., Kesetovic A., Nuric S.
The institution where the paper was prepared	QUAESTUS multidisciplinary research journal, Issue 24, pp. 65-82
Year and place	2024, Timisoara
Title of the paper	"Thermal analysis of fire effects on fire doors using the finite element method", Nuric A., Nuric S., Varcakovic A.
The institution where the paper was prepared	J. Eng. Appl. Sci. 71, 111
Year and place	2024, https://doi.org/10.1186/s44147-024-00430-w
Title of the paper	"Heavy Metal Pollution of Water Sources "Šićki Brod" and "Studenac" Due to the Exploitation of Coal ", Nuric A., Nuric S., Varcakovic A.
The institution where the paper was prepared	SAR Journal - Science and Research, Issue 1, pp. 12-18
Year and place	2024, doi: 10.18421/SAR71-02

Selected publications and presentations

Publication name	"Limitiranje uticajnih faktora za određivanje granične dubine površinskog kopa kod primjene BK (sa trolnim vodom) i BDTO sistema eksploatacije na oglednom primjeru PK Grivice" – master thesis
Authors	Samir Nurić
Publisher, year and place	RGGF, 2001, Tuzla
Publication name	"Definisanje uticajnih faktora za određivanje granične dubine površinskog kopa kod primjene dizel-električnih AC dampera sa trolej vučom na oglednom primjeru PK Grivice" – doctoral thesis
Authors	Samir Nurić
Publisher, year and place	RGGF, 2005, Tuzla

Publication name	'Kamionski transport u površinskoj eksploataciji', book ISBN 978-9958-9067-2-5
Authors	Nurić Samir
Publisher, year and place	Copygraf, 2008, Tuzla
Publication name	"Programiranje i statistika u inženjerstvu", book ISBN 978-9958-894-28-2
Authors	Nurić A., Nurić S.
Publisher, year and place	INSCAN, 2015, Tuzla
Publication name	"Osnove površinske eksploatacije mineralnih sirovina", book, ISBN 978-9958-894-27-5
Authors	Nurić S., Knežiček T.
Publisher, year and place	INSCAN, 2015, Tuzla
Publication name	The consequences of subsidence on the cultural heritage and tourism of Tuzla
Authors	Nurić S., Nurić A., Knežiček T.
Publisher, year and place	QUAESTUS Multidisciplinary Research Journal, 2018, Timișoara.
Publication name	What after mine closure?
Authors	Nurić S., Kešetović Z., Nurić A., Gutić K.
Publisher, year and place	QUAESTUS Multidisciplinary Research Journal, 2019, Timișoara.
Publication name	Numerical modelling of transport roads in open pit mines
Authors	Nurić A., Nurić S.
Publisher, year and place	Journal of Sustainable Mining, Volume 18, Issue 1 , 2019

Selected projects and presentations

Title	TEMPUS project BAEKTEL
Authors	University consortium with the University of Basilicata as coordinator
Publisher, year and place	EACEA, Dec. 2013-April 2017, Brussels

Recognitions and awards

Title
Institution
Reason

Membership in professional associations

Name of the association
Brief description of the association
Association address / web reference
Position in the association
Comment

Teaching process

Teaching Assistant	Faculty of Mining, Geology and Civil Engineering (1995-2001): Surface mining processes, Technology and mechanization of open pit mines, Open pit design, Programming in geotechnology, Programming and numerical methods, Programming and use of computer in mining, Programming and use of computers in geology, Drainage
Senior Teaching Assistant	Faculty of Mining, Geology and Civil Engineering (2001-2005): Technology and mechanization of open pit mines, Open pit design, Introduction to IT and Computing, Introduction to safety, Protection and regulations, Safety and protection in mining, Geotechnical ecology Faculty of Mechanical Engineering (2002-2005): Introduction to IT and Programming, Introduction to Computing I, Introduction to Computing II
Assistant Professor	Faculty of Mining, Geology and Civil Engineering (2005-2010): Lectures: Methods of surface mining using discontinuous technology, OPEC and UV market, Technology and machinery of open pits, Open pit techniques and machinery, Tactics and prophylaxis of traffic safety Practice classes: Open pit design, Safety and security in mining, Introduction to safety, Geotechnical ecology, Protection and regulations, Safety and legislation in geology, Practice, Methods of surface mining using discontinuous technology, OPEC and UV market, Open pit techniques and machinery, Tactics and prophylaxis of traffic safety, Safety standards and regulations, Practice in protection against fire and explosion
Associate Professor	Faculty of Mining, Geology and Civil Engineering (2010-2016): Lectures: Introduction to engineering, Technology of drilling and blasting in mining, Disposal, Technology of surface mining - equivalent to Open pit techniques and machinery, Discontinuous surface mining - equivalent to Surface mining using discontinuous technology, Remote control and management of mines, Introduction to surface and underground mining of mineral raw materials, Reuse of degraded areas, Introduction to security, Safety and protection in surface mining, Disposal and waste management, Economics in mining
Full Professor	RGGF (2016-danas) Lectures: Introduction to engineering, Technology of drilling and mining, Open pit mining technology, Introduction to surface and underground mining, Safety and protection in surface mining, Discontinuous surface mining, Introduction to Safety, Economics in mining
Other	Post-graduate studies, study program: mining – surface mining: Modern methods in surface mining, Optimization of production systems in surface mining, Use of modern technologies in mining, Doctoral studies. study program: mining – surface mining

Mentoring in the preparation of master's and doctoral theses

Master's theses	<p>Emin Haračić: Analiza usaglašenosti utovarno-transportnog kompleksa bager-kamioni na transportu otkrivke sa aspekta optimalnog masenog modula na PK Vrtlište RMU Kakanj, RGGF, 2006.</p> <p>Zuhdija Kešetović: Analiza opravdanosti primjene gravitacionog dobivanja sa aspekta utovarno-transportnog kompleksa utovarivač-kamioni na transport kamena krečnjaka na PK 'Duboki potok-Bijela rijeka', RGGF, 2008.</p> <p>Hamid Husić: Definisanje tehnoloških parametara u procesu pripreme stijene za kopanje po utovarnim jedinicama (bagerima) na površinskim kopovima RMU Banovići, RGGF, 2009</p> <p>Admir Ćosić: Opravdanost primjene hidrauličnih bagera sa dubinskim kopanjem na dobijanju uglja u RMU Banovići, RGGF, 2011.</p> <p>Senad Čergić: Definisanje optimalnog masenog modula utovarno-transportnih kompleksa bager-kamioni na površinskim kopovima RMU Banovići, RGGF, 2012</p> <p>Asmir Avdić: Efektivnost rada pomoćne mehanizacije na površinskim kopovima RMU Banovići, RGGF, 2013</p> <p>Edin Šehić: "Sistemi eksploatacije sa kamionskim transportom na primjeru ležišta Čipuljići-Šumelji, Bugojno", RGGF, 2015.</p> <p>Jasmin Zenunović: Uticaj proizvodnih procesa na radne uvjete u površinskim kopovima-primjer PK Potočari, RGGF, 2015</p> <p>Damir Mrkonjić: "Efikasnost rada hidrauličnih bagera u zavisnosti od bušačko-minerskih parametara", RGGF, 2016.</p> <p>Alma zaimović: "Definisanje parametara bušačko-minerskih radova na primjeru kamenoloma krečnjaka Borovačka stijena", RGGF, 2016.</p> <p>Edis Selimović: "Razvoj programa za definisanje parametara bušenja i miniranja na kamenolomu", RGGF, 2016.</p> <p>Vanja Radulović: "Sekundarna primjena cikličnog transporta na ležištima sa kontinuiranom tehnologijom rada", RGGF, 2017.</p> <p>Salihbašić Hasan: "Miniranje na površinskim kopovima prema preporukama "ORICE"", RGGF, 2018.</p> <p>Milorad Todorović: "Tehnologija rada diskontinualne mehanizacije na primjeru PK Raškovac - Stanari", RGGF, 2018.</p> <p>Sanela Jahić: "Usporedba hidrauličnih i užetnih bagera", RGGF, 2019.</p> <p>Radan Vasić: "Izbor kompleksa bager-kamion u funkciji dužine transporta na primjeru PK Bogutovo Selo Ugljevik", RGGF, 2021.</p> <p>Mustafa Hasić: "Seizmika miniranja na primjeru kamenoloma Ribnica", RGGF, 2022.</p> <p>Momčilo Borenović: "Sistemi eksploatacije i mehanizacija karakteristična za kamenolome", RGGF, 2022.</p> <p>Semir Šehić: "Uticaj miniranja sa površinskog kopa na podzemnu eksploataciju uglja", RGGF, 2025.</p>
Doctoral theses	<p>Rasim Kovačević: "Optimizacija dubine površinskih kopova RMU 'Banovići' u funkciji promjene tehnologije i mehanizacije", RGGF, 2015</p> <p>Zuhdija Kešetović: "Definisanje uticajnih faktora pri optimizaciji geometrijskih parametara kamenoloma", RGGF, 2013</p>
Research projects and studies	
Completed projects	<p>Supporting mining project on obtaining overburden and coal at the open pit Dimnjače in Mine Gračanica to produce 300,000 t/year, Project leader: Professor Taib Omeragić, PhD. Project role: associate design engineer working on project development, 1996</p>

Supporting mining project on the temporary suspension of work at the open pit Turija, Faculty of Mining, Geology and Civil Engineering in Tuzla, Tuzla 1997. Project role: associate design engineer working on project development

Supporting mining project on exploitation of the open pit Čubrić Black Coal Mine Banovići, Faculty of Mining, Geology and Civil Engineering in Tuzla, Tuzla 2002. Project leader: Professor Sadudin Hodžić, PhD. Project role: associate design engineer working on project development

Supporting mining project of drainage of open pit Grivice, Faculty of Mining, Geology and Civil Engineering, Tuzla 2003 Project task leaders: Assistant Professor Samir Nurić, PhD, Assistant Professor Muhidin Brčanić, PhD

Development of application software for engineering needs, RGGF of the University of Tuzla, Fund for Co-financing of Expenses in the Field of Science, Ministry of Education, Science, Culture and Sports of the Tuzla Canton, Tuzla 2009.

Ecological and economic aspects of the application of trolley traction by diesel-electric trucks in open pit mines, RGGF of the University of Tuzla, Fund for co-financing costs in the field of science, Ministry of Education, Science, Culture and Sports of the Tuzla Canton, Tuzla 2009.- leader

Study of the construction of a plateau at the location 'Streljste' Velika Ribnica from earthen material that is created as a surplus in the production process at the quarry 'Ribnica' - Banovići, Faculty of Mining, Geology and Civil Engineering in Tuzla, Tuzla 2010. – leader

Development of an equipment database of surface coal mines in FB&H, Federal ministry of education and science, 2009-2010, Project leader: Samir Nurić, Project participants: A.Nurić, M. Brčanić, T. Knežiček.

Supplementary Mining Project Permanent suspension of mining operations at the PK Čubrić coal mine RMU Banovići, Faculty of Mining, Geology and Civil Engineering, leader Samir Nurić , RGGF, 2012

Ongoing projects

Personnal skills and competences

Mother tongue

Bosnian

Other languages

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Very good	Very good	Very good	Very good	Good
Very good	Very good	Good	Good	Very good

Russian

English

Research, professional and social competences

Competencies to lead scientific research activity and perform teaching in higher education

I participate in the teaching process in the field of surface mining of mineral raw materials, open pits technology and machinery, discontinuous surface mining technology and methods of surface mining using discontinuous technology, the design of open pit (mines), surface mining processes (drilling and blasting, dredging, transportation, disposal and reuse, and additional operational processes such as drainage, construction and maintenance of roads in the mine-quarry etc.), safety and protection, safety and regulations, ecology, computing, programming, oil and gas market research and evaluation (OPEC and UV market), optimization of the production systems in surface mining, use of modern technologies in mining

Competencies to participate in research projects

Participant in projects in the field of mining, with focus on surface exploitation relating to design of open pit mines, technology and machinery for surface mining process (drilling and blasting, dredging, transportation, disposal and reuse), drainage system for remote monitoring and management - dispatching systems for surface mining. Participant in TEMPUS project BAEKTEL.

Research interest

Research interest focused on surface mining, design of surface mines and quarries, new methods and technologies of surface mining of mineral raw materials, as well as the modernization of surface mining process

Ongoing training

Social skills and competencies	Member of the Central Committee of the Independent Union of Higher Education and Science of B&IH
Organizational skills and competencies	Organizing high-quality teaching and practice in the field where student visits the mines of Bosnia and Herzegovina. Organized the celebration of the Miners' Day in 2008 at the Faculty of Mining, Geology and Civil Engineering. Member of the Supervisory Board of a company
Technical skills and competencies	<p>Passed the specialist exam for technical management in the mining industry.</p> <p>In May 1999 passed the specialist exam on: Budgeting parameters in systems for load transport with trucks in surface pit mines of Dark Coal Mines Banovići, Banovići, 1999</p>
Computer skills and competencies	Use of computers in developing programs for calculations necessary to solve extensive and demanding budgets relating to surface mining and use of softwares for research activity and teaching process on daily basis
Artistic skills and competencies	The art of handwriting and drawing
Additional information	<p>Supervisor and member of the diploma thesis defence panels</p> <p>Member of committees for appointment of candidates to academic titles.</p> <p>I was a member of the Committee for Audit of the technical documentation of the Mines Kreka Tuzla, Ltd.</p> <p>I was a member of the supervisory board of RMU Banovići in Banovići.</p> <p>I was a member of the Senate of the University of Tuzla.</p> <p>I am a member of international conference organizing committees.</p>