



Edisa Nukić

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Urfeta Vejzagića 2, 75000, Tuzla, Bosnia and Herzegovina

● WORK EXPERIENCE

03/10/2022 – CURRENT

ASSOCIATE PROFESSOR – UNIVERSITY OF TUZLA; FACULTY OF MINING, GEOLOGY AND CIVIL ENGINEERING

Associate Professor, Department of Safety and Health

10/2017 – 03/10/2022

COLLEGE / UNIVERSITY TEACHING PROFESSIONAL – UNIVERSITY OF TUZLA; FACULTY OF MINING, GEOLOGY AND CIVIL ENGINEERING

Assistant Professor, Department of Safety and Health

Address Tuzla, Bosnia and Herzegovina

05/2013 – 10/2017

COLLEGE / UNIVERSITY TEACHING PROFESSIONAL – UNIVERSITY OF TUZLA; FACULTY OF MINING, GEOLOGY AND CIVIL ENGINEERING

Senior Teaching Assistant, Department of Safety and Health

Address Tuzla, Bosnia and Herzegovina

02/2012 – 12/2013

QUALITY MANAGEMENT SYSTEMS CONSULTANT – IDEA CO

Address Gracanica, Bosnia and Herzegovina

05/2009 – 05/2013

COLLEGE / UNIVERSITY TEACHING PROFESSIONAL – UNIVERSITY OF TUZLA; FACULTY OF MINING, GEOLOGY AND CIVIL ENGINEERING

Teaching Assistant, Department of Safety and Health

Address Tuzla, Bosnia and Herzegovina

01/1996 – 07/2007

SENIOR ADMINISTRATIVE SPECIALIST – KELLOGG BROWN & ROOT, INC

Balkans Support Contract

Address FOS Eagle Base-Tuzla, Bosnia and Herzegovina

09/1992 – 01/1997

JOURNALIST / INTERPRETER – RTV LUKAVAC

Municipal Secretariat, Lukavac

Address Lukavac, Bosnia and Herzegovina

● **EDUCATION AND TRAINING**

2015 – 2017 – Mostar, Bosnia and Herzegovina

DOCTOR OF PHILOSOPHY (PHD) – Dzemal Bijedic University of Mostar, Faculty of Mechanical Engineering

Address Mostar, Bosnia and Herzegovina

2008 – 2011 – Tuzla, Bosnia and Herzegovina

MASTER OF SCIENCE IN SAFETY – University of Tuzla, Faculty of Mining, Geology and Civil Engineering

Address Tuzla, Bosnia and Herzegovina

2004 – 2008 – Tuzla, Bosnia and Herzegovina

SAFETY ENGINEER – University of Tuzla, Faculty of Mining, Geology and Civil Engineering

Address Tuzla, Bosnia and Herzegovina

03/2011 – 05/2011 – Tuzla, Bosnia and Herzegovina

CERTIFICATE OF PROFESSIONAL TRAINING – Faculty of Philosophy, University of Tuzla

Professional training in Pedagogy, Psychology, Methodology of Teaching and General didactics

Address Tuzla, Bosnia and Herzegovina

06/2019 – 06/2019

CERTIFICATE - NUMERICAL MODELING IN MINING, CONSTRUCTION, GEOLOGY AND WELL MINING – University of Tuzla, 24th Summer University

"Numerical Modeling in Mining, Construction, Geology and Well Mining"

24th Summer University

06/05/2019 – 17/05/2019 – Žilina, Slovakia

CERTIFICATE OF ATTENDANCE – Faculty of Security Engineering, University of Žilina

Training in "**Fire Safety Engineering - Fire Modelling**"

Address Žilina, Slovakia

03/2019 – 03/2019 – Banja Luka, Bosnia and Herzegovina

CERTIFICATION OF COMPLETION – University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy

LLL Course "**Constructive Rules for Fire Safety of the Buildings**"

Address Banja Luka, Bosnia and Herzegovina

04/2018 – 04/2018 – Tuzla, Bosnia and Herzegovina

CERTIFICATE OF PARTICIPATION – University of Tuzla / AtEx

LLL Course "**Dangerous Substances**", under ERASMUS+ K-FORCE Project

Address Tuzla, Bosnia and Herzegovina

12/03/2018 – 23/03/2018 – Kgs. Lyngby, Denmark

CERTIFICATE OF ATTENDANCE – DTU - Technical University of Denmark

Training by the **Fire Group in the Building Design Section**

Address Kgs. Lyngby, Denmark

01/2012 – 01/2012 – Tuzla, Bosnia and Herzegovina

CERTIFICATE OF PARTICIPATION – Faculty of Mining, Geology and Civil Engineering

Seminar in field of international standards and legislation concerning occupational safety and health, fire safety and environmental protection in B&H

Summer University

Address Tuzla, Bosnia and Herzegovina

11/2009 – 11/2009 – Tuzla, Bosnia and Herzegovina

CERTIFICATE OF PARTICIPATION – University of Bologna & University of Tuzla

Training course in: Tracer Tests for aquifer management: applications and modeling

Project DEMOS SfP 983305

Address Tuzla, Bosnia and Herzegovina

09/2009 – 09/2009 – Tuzla, Bosnia and Herzegovina

CERTIFICATE OF PARTICIPATION – University of Bologna & University of Tuzla

Training course in: Remote Sensing and Global Positioning System

Project DEMOS SfP 983305

Address Tuzla, Bosnia and Herzegovina

05/2009 – 05/2009 – Tuzla, Bosnia and Herzegovina

CERTIFICATE OF PARTICIPATION – University of Bologna & University of Tuzla

Training course in: Geographic Information System (GIS)

Project DEMOS SfP 983305

Address Tuzla, Bosnia and Herzegovina

09/2008 – 09/2008 – Bologna, Italy

CERTIFICATE OF PARTICIPATION – University of Bologna & University of Tuzla

Summer School "Natural Hazards: Prevention, Risk and Civil Protection Management"

Address Bologna, Italy

● LANGUAGE SKILLS

Mother tongue(s): **BOSNIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

Forensic Engineering and Risk Management, Book 2: Conducting Investigation Procedures

ISBN 978-9958-582-01-1; COBISS.BH-ID 21227782; Tuzla 2014.

https://www.researchgate.net/publication/298070279_Forenzicki_inzenjering_i_upravljanje_rizicima_Knjiga_2_Vodenje_istraznih_postupaka – 2014

Fire safety in buildings: a Western Balkan approach and practice

Publisher: University of Novi Sad, Faculty of Technical Sciences; ISBN 978-86-6022-279-6

http://www.kforce.gradjevinans.net/images/Fajlovi/Publications/EBook_Kforce_Fire_safety_in_buildings_EN.pdf – 2020

Fire Safety in Buildings, A Western Balkan approach and practice This book is the result of K-FORCE Erasmus + project, aimed to establish and improve higher and life-long education in the field of Disaster Risk Management and Fire Safety in the Western Balkans. Considering the content, this textbook fully covers the syllabus of the subject Fire Safety of Buildings and is intended for fire safety engineers, structural engineers and architects as well. The student-friendly presented content with illustrations and photographs, as well as included summary of legislation relevant to fire safety, makes this textbook an important literature in the field of Fire engineering.

Glossary of Terms in Disaster Risk Management and Fire Safety

Publisher: University of Novi Sad, Faculty of Technical Sciences ISBN: ISBN 978-86-6022-197-3

http://www.kforce.gradjevinans.net/images/Fajlovi/glossary/K-Force_Glossary_online_edition.pdf – 2019

The K-FORCE Glossary of Terms in DRM and Fire Safety represents the selection of key words and terms characteristic for the Disaster Risk Management and Fire Safety area in frequent use in the Western Balkans.

● NETWORKS AND MEMBERSHIPS

CURRENT

Chamber of Engineers of the Federation of Bosnia and Herzegovina

Sarajevo

06/04/2022 – CURRENT

Institute for Standardization of B&H, Technical committee BAS/TC 13 Fire protection

Istočno Sarajevo

CURRENT

Occupational Safety and Health Promotion Association:

Sarajevo

Geotechnical Society of Bosnia and Herzegovina

AtEx Tuzla, Association for Explosion Protection and Safety in the Working and Living Environment

● **PROJECTS**

2008 – 2010

Development of a Monitoring System to Counter manage the Risks of Subsidence Deformation on the Population of Tuzla

Investor: NATO Science for Peace, 2008-2010

2016 – 2018

"NIK" - Youth Scientific and Research Camp

Financed by USA Embassy in Bosnia and Herzegovina

2016 – 2019

ERASMUS + K-FORCE (Knowledge FOr Resilient soCiEty)

<http://kforce.uns.ac.rs/>

Funded with support from European Commission, within ERASMUS + programme

2020 – CURRENT

RESPONSa (Interreg IPA Cross-border Cooperation Programme Croatia-Bosnia and Herzegovina-Montenegro)

The RESPONSa project is directed to strengthening Programme priority specific objective 2.1, which refers to the promotion and improvement of environment and nature protection and management systems for risk prevention. Cross-border cooperation will involve the joint work of all project partners on the establishment of an Early Warning System for landslides and flash floods, which pose a direct threat to the population and their property in populated areas.

● **PUBLISHED RESEARCH**

06/06/2007 – 09/06/2007

Quality assurance of ventilation systems in underground coal mines

ISSN 1512-9268 (5th Research/Expert Conference with International Participation Quality 2007; Neum, B&H)

06/06/2007 – 09/06/2007

Impact of external factors to the internal quality assurance in higher education in Bosnia and Herzegovina

ISSN 1512-9268 (5th Research/Expert Conference with International Participation Quality 2007; Neum, B&H)

2007

Safety in Practice: experiences and observations concerning working in international working environment by US Work Practice Standards

ISSN 1512-7044, (Collection of papers RGGF, No XXXIV, 2007.)

25/11/2011 – 26/11/2011

Numerical simulation of different fire scenarios in Vranduk 2 tunnel

ISBN 978-86-80295-98-5 (International conference Innovation as a function of engineering development: Nis, Serbia)

06/06/2013 – 08/06/2013

Thermographic detection of spontaneous oxidation in underground coal mines

ISSN 1512-9268 (8th Research/Expert Conference with International Participation Quality 2013; Neum, BH)

28/04/2014 – 29/04/2014

Analysis and prevention of forest fires in the area of Tuzla Canton

ISSN 2490-2233 (1st Online International Conference on Forest and Agricultural Fires as one of the important causes of climate change FIRES 2014"; Bihac, Bosnia and Herzegovina)

07/05/2015 – 09/05/2015

Preliminary flood risk assessment for Municipality Lukavac

ISBN 978-953-56789-8-4 (ITE-SAFETY 2015 International Conference on Innovative Technologies in Safety Engineering; Rijeka, Croatia)

2015

Mining-Forensic Characteristics of Coal Mining Impact Assessment

ISSN 2303-4262 (GEO-EXPO 2015 - Scientific and Expert Conference, Zenica Bosnia and Herzegovina)

2015

Kinematic Analysis of Influence of the Longwall Advance Dynamics to the Coal Spontaneous Combustion

ISSN 2303-5145 (Journal of Faculty of Mining, Geology and Civil Engineering, Tuzla Bosnia and Herzegovina, 2015)

2016

Comparative Analysis of Site Characterization for Storage and Deposition of Radio Active Waste on Location Trgovska Gora: What Went Wrong?

ISSN 2490-2527 (3rd International Scientific Meeting E-GTZ 2016; Journal of Faculty of Mining, Geology and Civil Engineering, Tuzla Bosnia and Herzegovina, 2016)

2018

Specificity of Fire Fighting in Coal Outcrops and Dumpsites with High Content of Materials Prone to Spontaneous Oxidation

ISBN 978-86-6211-114-2 (6th International Scientific Conference "Safety Engineering"; Fire, Environment, Work Environment, Integrated Risk; Novi Sad, Serbia, 2018)

2019

The Role of Social Networks in Preparedness and Response to Disasters

ISBN 978-9928-135-31-5 (2nd International Symposium "Knowledge For Resilient Society K-Force 2019", Tirana, Albania, 2019)

05/2021

Simulation Analysis of Underground Coal Mine Ventilation Systems Failure

DOI: 10.1007/978-3-030-75275-0_42

In book: New Technologies, Development and Application IV Publisher: Springer, Cham

05/2021

Minimum Ignition Energy of Lignite and Brown Coal Dust Clouds in Coal With and Without Interlayers

ISSN 2303-5145

Quarterly Journal of Engineering Geology and Hydrogeology 9(2021):98-106

09/2022

Professional Exposure of Workers to Inhalable Dust in Wood Processing Sector

8th International Professional and Scientific Conference Occupational Safety and Health; Zadar, Croatia

09/2022

Proposal of a Feasible Energy Mix in Bosnia and Herzegovina

ISBN 978-86-6211-140-1

8 th International Scientific Conference Safety Engineering Conference With International Participation on Fire and Explosion Protection; Budva, Montenegro

09/2022

Comparative Analysis of Numerical Methods for Public Buildings Fire Risk Assessment

ISBN 978-86-6211-140-1

8 th International Scientific Conference Safety Engineering Conference With International Participation on Fire and Explosion Protection; Budva, Montenegro

09/2022

Assessing Possibility of Using Inert Dust for Explosion Protection in Brown Coal Mines

ISBN 978-86-6211-140-1

8 th International Scientific Conference Safety Engineering Conference With International Participation on Fire and Explosion Protection; Budva, Montenegro

09/2022

Challenges in Flood Risk Management in Bosnia and Herzegovina

ISBN 978-86-80692-09-8

8th Scientific-professional conference SECURITY AND CRISIS MANAGEMENT -THEORY AND PRACTICE /
International Forum "Safety for the Future" 2022; Sremska Kamenica, Republic of Serbia

● **GUEST LECTURES**

18/12/2017 – 22/12/2017

Lectures on Risk Communication and Risk Perception

(Erasmus+ KA2 K-FORCE, Staff Mobility For Teaching), University of Novi Sad, Faculty of Technical Sciences,
Department of Civil Engineering and Geodesy