


Suada Sulejmanovic


DATE OF BIRTH:
30/04/1974

CONTACT

Nationality: Bosnian-Herzegovinian

Gender: Female

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WORK EXPERIENCE

26/05/2021 – CURRENT – Sarajevo, Bosnia and Herzegovina

Associate Professor

University of Sarajevo, Faculty of Civil Engineering, Department of Roads and Transportation

- Research in subject area: Roads and Transportation engineering, Resilience of road infrastructure to climate change, Natural disaster management
- Teach courses in subject areas: Engineering Economics, Traffic Engineering, Transport Planning, Design of Roads and Intersections.

21/06/2016 – 26/05/2021 – Sarajevo, Bosnia and Herzegovina

Assistant Professor

University of Sarajevo, Faculty of Civil Engineering

- Research in subject area: Roads and Transportation engineering
- Teach courses in subject areas: Engineering Economics, Traffic Engineering, Transport Planning, Design of Roads and Intersections.

Sarajevo, Bosnia and Herzegovina

28/09/2016 – 28/09/2018

Head of Institute of Roads and Transportation

University of Sarajevo, Faculty of Civil Engineering

- Compose new business proposals and related budgets
- Translate existing projects into timelines, deliverables and assignments, working with other senior managers
- Oversee the implementation of project plans
- Prepare and submit financial reports.

Sarajevo, Bosnia and Herzegovina

15/09/2012 – 15/09/2014

Head of Department of Roads and Transportation

University of Sarajevo, Faculty of Civil Engineering

Activities relating to:

- Leadership and Management,
- Responsibility for Teaching and Students,
- Responsibility for Research,
- Knowledge Transfer,
- People Management,
- Financial Management,
- Quality Assurance,
- Development of Academic/Research Standing.

Sarajevo, Bosnia and Herzegovina

08/12/2011 – 23/07/2016

Senior Teaching Assistant

University of Sarajevo, Faculty of Civil Engineering, Depart. of Roads and Transportation

- Teaching and Research
- Professional work at the Institute of Roads and Transportation Engineering

Sarajevo, Bosnia and Herzegovina

23/07/2012 – 29/12/2013

Member of the Supervisory Committee of the Faculty of Civil Engineering, Sarajevo

Government of Sarajevo Canton, Ministry of Education and Science

- Review and evaluate the overall financial performance of the organization and deliver recommendations for improvement or development
- Make internal audits that assure corporate records are prepared accurately, internal controls, policies and procedures are maintained and followed, and each employee/elected official is carrying out the basic duties for which he/she is responsible.

Sarajevo, Bosnia and Herzegovina

01/11/2005 – 21/06/2011

Teaching and Research Assistant

University of Sarajevo, Faculty of Civil Engineering, Department of Roads and Transportation

- Teaching and Research
- Professional work at the Institute of Roads and Transportation Engineering

Sarajevo, Bosnia and Herzegovina

EDUCATION AND TRAINING

11/03/2013 – 11/03/2016 – Sarajevo, Bosnia and Herzegovina

PhD (Dr.sci.) Doctor of Technical Sciences

University of Sarajevo, Faculty of Civil Engineering

Doctor of Technical Sciences in Civil Engineering

Subject of area: Roads and Transportation Engineering

EQF level 7

10/09/2005 – 10/10/2011 – Sarajevo, Bosnia and Herzegovina

M.Sc. Civil Engineering, Transportation Engineering

University of Sarajevo, Faculty of Civil Engineering

2018 – 2020 – Obala 7, Sarajevo, Bosnia and Herzegovina

Master in Natural Disasters Protection

University of Sarajevo, Center for Interdisciplinary Studies

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2005 – Obala 7, Sarajevo, Bosnia and Herzegovina

Master of Civil Engineering - Roads and Transportation

University of Sarajevo, Faculty of Civil Engineering

www.unsa.ba

27/09/2016 – 30/09/2016 – Zagreb, Croatia

"How to make a Cost-Benefit Analysis?"

Education Centre Mirakul

- Feasibility study
- Making CBA analysis:
 - Financial analysis
 - Economic analysis
 - The methodology of the financial and economic analysis
 - Indicators of financial and economic analysis
 - Decision on EU funding

- Sensitivity analysis
- Risk Analysis

EQF level 5

12/06/2011 – 14/06/2011 – Sarajevo, Bosnia and Herzegovina

Road Safety Audit (RSA) and Road Safety Inspection (RSI)

Swedish National Road Consulting AB (SweRoad)

Road Safety Inspection and Road Safety Audit:

- Inspections and Audits,
- Inspections and Accident Data,
- Inspections and Maintenance,
- Inspections and Human Factors.

EQF level 5

09/05/2011 – 14/05/2011 – Sarajevo, Bosnia and Herzegovina

Geospatial analysis and presentation and Introduction to MapInfo Professional

GAUSS Geoinformation Systems

- Geospatial analysis concepts
- Analytical methodologies and model building
- Core components of geospatial analysis, including distance and directional analysis, geometrical processing, map algebra, and grid models
- Surface analysis, including surface form and flow analysis, gridding and interpolation methods, and visibility analysis
- Network and locational analysis, including shortest path calculation, travelling salesman problems, facility location and arc routing
- Geocomputational methods, including agent-based modelling, artificial neural networks and evolutionary computing

EQF level 5

06/2019 – 06/2020 – Obala 7, Sarajevo, Bosnia and Herzegovina

Training & Research for Academic Newcomers (TRAIN, Lifelong learning program in the field of pedagogical education and strengthening the competencies of academic staff

UNSA, Center for Interdisciplinary Studies

LANGUAGE SKILLS

MOTHER TONGUE(S): Bosnian / Croatian / Serbian

OTHER LANGUAGE(S):

English

Listening B2	Reading C1	Spoken production C1	Spoken interaction B2	Writing C1
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DIGITAL SKILLS

Microsoft Office / AutoCAD Civil 3d / Expert choice / QGIS ArcGIS
MapInfo / StatGraphics / PTV-Visum

NETWORKS AND MEMBERSHIPS

Memberships

- Association for the Development, Promotion and Application of Advanced Technologies, Sarajevo.

PROJECTS

Projects

- Five ERASMUS+ capacity-building projects for education, training, youth and sports
- Feasibility Studies (Roads and Transportation),
- The audit activities relating to general management, program costs, public procurement, professional responsibility, satisfaction standards, the definition of specifications, the justification of using the funds, quality of works.
- The preliminary and main design
- Revision of the preliminary and main projects
- Traffic studies - an analysis of new traffic solutions
- Expertise
- Traffic Counting, Processing and Production of Publications
- Climate impacts and adaptation measures to road infrastructure

ORGANISATIONAL SKILLS

Organisational skills

- Leadership (currently responsible for a team of five people)
- Excellent organisational and team leading skills gained as Head of Department of Road and Transportation Engineering

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Excellent communication skills gained through my work experience on the various projects as a team member and team leader.

JOB-RELATED SKILLS

Job-related skills

- Design techniques and working with maps, drawings and models, as well as CAD software
- Predicting any possible future problems and find solutions for them
- Engineering Economics
- Mentoring skills
- Ability to work independently as well as a member of a team.

PUBLICATIONS

Books, conferences and publications

- Papers published at domestic and foreign conferences,
- Papers published in various scientific journals.
- Book entitled "Road junctions" in 2019, Sarajevo.

<https://www.researchgate.net/profile/Suada-Sulejmanovic-2>

<https://orcid.org/0000-0001-9967-7983>

<https://scholar.google.com/citations?user=7EueBwYAAAAJ&hl=en>

DRIVING LICENCE

● **Driving Licence:** B1

● **Driving Licence:** B

● **Driving Licence:** BE

	Contract subject	Contract signed with the company:	Duration of the contract	Position in the team	Short job description
1	Climate Risk Assessment for the Main Road Network in the Federation of Bosnia and Herzegovina	EBRD, PC Roads FBiH FinnOC Ltd Roadroid AB Design&QC d.o.o	Mart 2021 - Dec 2021	Transport Economist	<i>Implementation of a risk assessment methodology to assess the climate risk to the main road network in FBH and integrating risk assessment into RAMS (Road Asset Management System).</i>
2	STUDY: Traffic analysis with traffic simulation at the intersection Jablanska (M14), with special reference to the construction of the level crossing	Public Company "Roads of Federation of Bosnia and Herzegovina"	April 2020.	Autor	<i>Traffic recording and traffic analysis with traffic simulation</i>
3	Business driven problem-based learning for academic excellence in geoinformatics - GEOBIZ -	European Commission	Nov. 2019 - Nov. 2022	Researcher, Teaching staff and Task leader	<i>The main aim of the GEOBIZ project is strengthening the capacity of academic institutions to better respond to the needs of the emerging geoinformatics industry</i>
4	FLORIS - Innovative tools for improving Flood risk reduction strategies	European Commission	Jan. 2019 - Jan. 2021	Researcher	<i>FLORIS project aims at studying innovative approaches for the development of integrated flood risk scenarios considering the specific critical issues of areas at risk and the consequences of high frequency/low damage events on them</i>
5	Sustainable Transport Advisory Programme Climate change adaptation assessment for Corridor Vc in Bosnia and Herzegovina Section: Rudanka Interchange to Medakovo Interchange	EBRD PC Roads FBiH TRL Ltd.	Dec. 2018 - Apr. 2019	Team leader for BiH	<i>Providing technical advice on climate change adaptation for the construction of the motorway in Corridor Vc in Bosnia and Herzegovina (BiH). The project objective is to ensure that the planned construction of the 14km stretch of motorway bypassing the town of Doboj adequately takes into consideration the impacts of climate change.</i>
6	SWARM - Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders	European Commission	Nov 2018 - Nov 2021	Researcher, Teaching staff and Task leader	<i>Education of experts for water resources management in the Western Balkans (WB) in line with the national and EU policies Improve the level of competencies and skills in HEI's; Design and implement seven new and up-to-date laboratories; Develop and implement LLL courses for the water sector</i>
7	Technical assistance to mainstreaming climate resilience risk in road management in Bosnia and Herzegovina	World Bank PC Roads FBiH TRL Ltd.	Nov. 2017 - sept. 2018	Team leader for BiH	<i>Collecting data and research of impacts of the climate changes on the road infrastructure. Providing assistance the authorities in "PC Roads" incorporate climate resilience and disaster risk management in road management and support the preparatory activities to implement a vulnerability assessment on the main road network.</i>
8	„Western Balkans Academic Education Evolution and Professional's Sustainable Training for Spatial Data Infrastructures“ – ERASMUS+ BESTSDI	EACEA	Oct. 2016. - oct. 2019.	Researcher, Teaching staff and Project leader for B&H– from 01.10.2018. to end of project	<i>Improve the quality of higher education in Geographical Science and Technology field, SDI and geodesy, enhance its relevance for the labour market and society and to improve the level of competences and skills in HEI's by developing new and innovative education programmes within the field of SDI.</i>

9	Revision of technical documentation: 1. The reconstruction project of the road M5, section Jajce Jug - Donji Vakuf 1 2. The main project of the bypass Livno 3. The main project of the bypass Cazin 4. The main project of the western bypass Ljubuski 5. The main project of rehabilitation of landslides on the route of the bypass Gorazde	Public Company "Roads of Federation of Bosnia and Herzegovina"	Jul. 2017 - aug. 2018.	Senior Auditor	<i>Revision of the road design main projects with recommendations and suggestions</i>
10	Traffic counting on the highways in FB&H in 2016.	Public Company "Roads of Federation of Bosnia and Herzegovina"	Dec. 2017.	Author	<i>Study - Traffic Counting, Collection, sorting and statistical processing of traffic data and Production of Publications on the Main Roads of the FB&H</i>
11	Elaborate of the traffic capacity at the intersection of the streets Patriotske Lige and Ciglane Bridge	Municipalities "Centar" Sarajevo	Dec-17	Author	<i>Analysis of the intersection traffic capacity and finding of the best design solution</i>
12	Traffic Counting on the Road Network of the Republic of Srpska in 2012.	Public Company "Roads of Republic of Srpska"	Feb. 2017	Co-Author	<i>Study - Traffic Counting, Processing and Production of Publications on the Road Network of the Republic of Srpska</i>
13	Revision of the main design of reconstruction of intersections Skela and the bridge over the creek Rika in Jajce Skela settlement, road M5, section 009 Jajce south-Donji Vakuf 1, at km 0+894	Public Company "Roads of Federation of Bosnia and Herzegovina"	Apr. 2017	Senior Auditor	<i>Revision of the road design main projects with recommendations and suggestions</i>
14	Study of locations of counting traffic on main roads in the FB&H	Public Company "Roads of Federation of Bosnia and Herzegovina"	Dec. 2016	Author	<i>Collection data and analysis of the current location of traffic counters and planning of new locations of traffic counters with purpose of traffic data collection and analysis</i>
15	Traffic counting on the highways in FB&H in 2015.	Public Company "Roads of Federation of Bosnia and Herzegovina"	2016.	Contributor	<i>Study - Traffic Counting, Collection, sorting and statistical processing of traffic data and Production of Publications on the Main Roads of the FB&H</i>
16	Feasibility Study of the construction of underground garages in the settlements Malta, Hrasno and Željeznička	Municipality Novo Sarajevo, and IG Banja Luka Ltd	2015.-2016.	Expert in economic (CBA) analysis of the project	<i>Feasibility Study of underground garage: Research on parking requirements, supply and demand analysis, expected improvement of public service in the subject project, design of the conceptual garage solution, cost-benefit analysis, risk analysis, environmental impact assessment, impact analysis on gender equality, analysis of financing methods, value for money analysis.</i>
17	Traffic counting on the highways in FB&H in 2014.	Public Company "Roads of Federation of Bosnia and Herzegovina"	2015.	Contributor	<i>Study - Traffic Counting, Collection, sorting and statistical processing of traffic data and Production of Publications on the Main Roads of the FB&H</i>
18	Technical revision of activities in "Public Company Roads of FB&H" in 2013.	Public Company "Roads of Federation of Bosnia and Herzegovina"	2014/2015.	Expert Audit "Value for money"	<i>The audit activities relating to general management, program costs, public procurement, professional responsibility, satisfaction standards, definition of specifications, the justification of using the funds, quality of works.</i>
19	Revision of traffic solutions of the Main design of the Main city road GGM of February 2012. with the analysis of the traffic solutions study for roundabouts on the Main city road GGM in Zenica	Public company for Spatial Planning and Urban Design "ZENICA" Ltd. Zenica	2014/2015.	Author	<i>Traffic study - Traffic research methodology, survey of traffic loads, analysis of new intersection solutions, capacity analysis of intersections, results and recommendations.</i>
20	Traffic counting on the highways in FB&H in 2013.	Public Company "Roads of Federation of Bosnia and Herzegovina"	2014.	Contributor	<i>Study - Traffic Counting, Collection, sorting and statistical processing of traffic data and Production of Publications on the Main Roads of the FB&H</i>

21	Feasibility Study of the Bypass of the City of Ključ	Public Company "Roads of Federation of Bosnia and Herzegovina"	2014.	Economy Expert - team leader	<i>Feasibility Study - Project subject and objectives, methodological approach, socio-economic analysis, road infrastructure characteristics, traffic analysis and forecasting, modeling and simulation of traffic load, evaluation and cost-benefit analysis, sensitivity analysis, research results, conclusions and recommendations.</i>
22	Basic Strategy of development of regional roads of the Tuzla Canton in the period from 2013 to 2023	The Ministry of Trade, Tourism and Transport of Tuzla Canton - Road Directorate	2013.	Author	<i>Traffic Study for the Purpose of Strategy- Project objectives, methodological approach, data collection, socio-economic analysis, road infrastructure characteristics, traffic safety analysis, traffic analysis and forecasting, SWOT analysis, multicriteria analysis, research results, conclusions and recommendations.</i>
23	Traffic counting on the highways in FB&H in 2012.	Public Company "Roads of Federation of Bosnia and Herzegovina"	2013.	Contributor	<i>Study - Traffic Counting. Collection, sorting and statistical processing of traffic data and Production of Publications on the Main Roads of the FB&H</i>
24	Technical revision of activities in "Public Company Roads of FB&H" in 2011.	Public Company "Roads of Federation of Bosnia and Herzegovina"	Jun 2012.	Expert for procurement in the construction and maintenance of roads	<i>The audit activities relating to general management, program costs, public procurement, professional responsibility, satisfaction standards, definition of specifications, the justification of using the funds, quality of works.</i>
25	Revision of the main project of the Corridor Vc, section Tarcin-Konjic, subsection Bradina-Konjic	Public Company Motorway of the Federation of Bosnia and Herzegovina	2011-2014.	Auditor	<i>Revision of the main project</i>
26	Study of development of roads of the city of Zenica	Public company for regional planning and development of the city of Zenica, Ltd.	2012.	Author	<i>Traffic study - Project objectives, methodological approach, concept of road network development, traffic research, road network modeling, traffic simulation, research results, conclusions and recommendations.</i>
27	Traffic counting on the highways in FB&H in 2010.	Public company "Roads of Federation of Bosnia and Herzegovina"	2011.	Contributor	<i>Study - Traffic Counting, Processing and Production of Publications on the Main Roads of the FB&H</i>
28	Study of the traffic network of the Municipality of Tuzla with analysis and prediction of traffic from 2006 to 2026th	Traffic Institute Sarajevo	2011	Expert for Roads and Urban Transport	<i>Traffic study - Project objectives, methodological approach, concept of road network development, traffic research, road network modeling, traffic simulation, research results, conclusions and recommendations.</i>
29	Revision of the main and preliminary design of intersections X and G transversal with reconstruction in the roundabout and study expropriation	Ministry of Transport, Road Directorate of Sarajevo Canton	2011.	Auditor	<i>Revision of the main and preliminary design of intersection</i>
30	Traffic counting on the highways in FB&H in 2009.	Public Company "Roads of Federation of Bosnia and Herzegovina"	2010.	Contributor	<i>Study - Traffic Counting, Processing and Production of Publications on the Main Roads of the FB&H</i>
31	Study of Transport and Communications of the Mostar City	"TZI inženjering Ltd."	2010.	Co-Author	<i>Traffic study - Project objectives, methodological approach, concept of road network development, traffic research, road network modeling, traffic simulation, research results, conclusions and recommendations.</i>
32	Traffic solution of public garage "Svećenicki dom", and its connection to the street Joseph Stadler	"Vrhbosanska Nadbiskupija BiH"	2010.	Designer	<i>The main project of external arrangement</i>
33	Proposed solution of traffic problems in the area of "Kamberovica polje" in the city of Zenica - Preliminary Design	Municipality Zenica, Department of Municipal Affairs	2007.	Designer	<i>Solution of traffic problems- Study</i>

34	Spatial-traffic study of Zenica - Dobož Canton	"TZI inženjering"	2007.	Co-Author	<i>Traffic Study for the Purpose of Strategy-Project objectives, methodological approach, data collection, socio-economic analysis, road infrastructure characteristics, traffic safety analysis, traffic analysis and forecasting, SWOT analysis, multicriteria analysis, research results, conclusions and recommendations.</i>
35	Study of the transportation network of the city of Zenica with traffic analysis and prognosis	Public company for regional planning and development of the city of Zenica, Ltd.	2007.	Co-Author	<i>Traffic study - Project objectives, methodological approach, concept of road network development, traffic research, road network modeling, traffic simulation, research results, conclusions and recommendations.</i>
36	Traffic study Herzegbosnian Canton	"TZI inženjering"	2006.	Contributor	<i>Traffic Study for the Purpose of Strategy-Project objectives, methodological approach, data collection, socio-economic analysis, road infrastructure characteristics, traffic safety analysis, traffic analysis and forecasting, SWOT analysis, multicriteria analysis, research results, conclusions and recommendations.</i>
37	The planning and study documents of the Corridor Vc Analytical documentation database, of the first phase for the Spatial plan of the special areas within the the project "Highway on the Corridor Vc, LOT 4, Part - traffic"	Ministry of Communications and Transport, Bosnia and Herzegovina	2006.	Contributor	<i>Traffic study - an analysis of new traffic solutions</i>