



**EUROPEAN
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(English language)



**PERSONAL
INFORMATIONS**

Surname and name	SUNJIC GORAN	
Address	Job:	University of Mostar - Faculty of Civil Engineering, Architecture and Geodesy - Matice hrvatske b.b., 88000 Mostar, Bosnia and Herzegovina
	Home:	Zagrebacka 14, 88000 Mostar, Bosnia and Herzegovina
Telephone	+387 36 355005	
Mobile phone	+387 63 313787	
Fax	+387 36 355001	
E-mail address	goran.sunjic@fgag.sum.ba; goran.sunjic@tel.net.ba	
Web address	www.fgag.sum.ba/djelatnici/nastavnici	
Nationality	Croat	
Citizenship/s	Bosnia and Herzegovina & Republic of Croatia	
Date of birth	August 26, in 1968.	
Sex	Male	

WORK EXPERIENCE

Dates (since - to)	January 1998 - June 2017	
Profession or work place	Assistant	
Main activities and responsibilities	Junior Assistant, Assistant, and Senior Assistant in undergraduate university studies in civil engineering	
Name and address of employer	University of Mostar, Faculty of Civil Engineering, Architecture and Geodesy - Matice hrvatske b.b., 88000 Mostar, Bosnia and Herzegovina	
Type of business or sector	Using computers, Mechanics I, Bridges	
Dates (since - to)	February 2015 - February 2021	
Profession or work place	Director	
Name and address of employer	Civil Engineering research center ltd. Mostar Matice hrvatske bb, 88000 Mostar, Bosnia and Herzegovina	
Dates (since - to)	July 7, 2017 - Today	
Profession or work place	Teacher	
Main activities and responsibilities	Associate professor on courses in the technical field, field civil engineering, load-bearing structure branch at the undergraduate level and graduate university study of civil engineering, undergraduate university study of architecture and urbanism and postgraduate studies doctoral university study in civil engineering	
Name and address of employer	University of Mostar - Faculty of Civil Engineering, Architecture and Geodesy - Matice hrvatska b.b., 88000 Mostar, Bosnia and Herzegovina	
Type of business or sector	Using of computers, Mechanics I, Bridges, Construction design by computer, Execution of building structures, Architectural computer graphics I, Load-bearing structures I, Numerical modeling of the dynamic interaction of water-soil-structure	



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**EDUCATION AND
TRAINING**

Title	Ph.D. in Civil Engineering
Date	December 2016.
Frascati	Code: 02.05, Engineering, Civil Engineering
Institution	University of Mostar, Faculty of Civil Engineering
Place	Mostar, Bosnia and Herzegovina
Title	Master of Engineering, M. Phil. (M. Sc. CE)
Date	April 2003.
Frascati	Code: 02.05, Engineering, Civil Engineering
Institution	University of Split, Faculty of Civil Engineering
Place	Split, Republic of Croatia
Title	Graduated construction engineer
Datum	February 1995.
Institution	University of Mostar, Faculty of Civil Engineering
Place	Mostar, Bosnia and Herzegovina

**PERSONAL SKILLS
AND COMPETENCES**

Mother tongue	Croatian
Other language/s	
Language	English
Listening	(B1) Independent user
Reading	(B1) Independent user
Spoken interaction	(B1) Independent user
Spoken production	(B1) Independent user
Writing	(B1) Independent user

**SOCIAL SKILLS AND
COMPETENCES**

Team spirit. Good communication skills gained project management and various events.

**ORGANIZATIONAL SKILLS
AND COMPETENCE**

Leadership. The purpose of the organization.
Experience in managing projects and teams.

**TECHNICAL SKILLS AND
COMPETENCES**

The management of quality control processes (President "Committee Assurance and Quality Improvement of Faculty of Civil Engineering University of Mostar", Assistant for teaching 2004.-2015.).

**COMPUTER SKILLS AND
COMPETENCES**

The skilled use of Microsoft Office tools (Word, Excel, PowerPoint);
The skilled use of vector graphics applications (AutoCAD);
The skilled use of software for the calculation and design of structures (Tower - 3D Model Builder, ArmCAD);
Experience in holding courses in AutoCAD applications (passed level AutoCAD 3D, with an authorized home).

**ARTISTIC SKILLS AND
COMPETENCE**

Participation in the editorial projects (Monograph of the Faculty and University, Guide for freshmen, etc.).



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OTHER SKILLS AND COMPETENCE Head of searching for missing persons in the Red Cross HZHB.
Experience in the conduct of public events (promotions, etc.).

DRIVING LICENCE "B" category

ADDITIONAL INFORMATION Creating a number of normative and legal documents
(Law, Statutes, Regulations, curriculum, etc.)

MEMBERSHIP IN ASSOCIATIONS ALUMNI Faculty of Engineering, University of Mostar

ATTACHMENTS (163)

- 1.) Professional projects (119)
- 2.) Project audits (3)
- 3.) Construction testing (1)
- 4.) Professional supervision (6)
- 5.) More important publications (22)
- 6.) Reviews (1)
- 7.) Editorial projects (6)
- 8.) Leader of the event (5)

SIGNATURE



ATTACHMENTS (163)

1.) Professional projects (119)

1.1) Project Manager (7)

1. The main project, Faculty of Civil Engineering University of Mostar building;
2. The main project, Third Pavilion Student Center of the University of Mostar;
3. Conceptual design, Parterre complex Student Center of the University of Mostar;
4. Digital visualization, Complex Student Center of the University of Mostar;
5. Main and detailed design of the continuation of building the Croatian National Theatre in Mostar;
6. The main project, The morgue Roman Catholic cemetery Rodoc, Mostar;

1.2) Designer (37)

1. Business-residential building Pero Milicevic, Mostar, The main structural design;
2. Memorial complex Studenci, Ljubuski, The main structural design;
3. The office building IGH Mostar, The main structural design;
4. The gas station and office building Circle International Ltd. Medjugorje, Mostar, The main structural design;
5. Business building Integra Ltd. Mostar, The main structural design;
6. Chapel Gnjljista, The main structural design;
7. Downstream towers on the road bridge "Dr. Franjo Tudjman" in Capljina, The main structural design;
8. Parish Church Struga, Capljina, The main structural design;
9. Business building Suman, Mostar, The main structural design;
10. Home of the Franciscan nuns, Mostar, The main structural design;
11. Memorial complex Uzdol, Rama, The main structural design;
12. Memorial complex Ledinci, Grude, The main structural design;
13. The store house Robot, Mostar, The main structural design;
14. Warehouse and administration building Electrolux, Mostar, The main structural design;
15. The Church of Christ's Resurrection, Mostar, dilation 3, building the Presbytery, The main structural design;
16. The Church of Christ's Resurrection, Mostar, dilation 4A, building Café, The main structural design;
17. The Church of Christ's Resurrection, Mostar, dilatation 4B, building Premises, The main structural design;
18. The Church of Christ's Resurrection, Mostar, Retaining wall next to the building of the Presbytery, The main structural design;
19. The youth Suskovo selo, Stolac, The main project construction;
20. Business and residential building Durakovic, Mostar, The main structural design;
21. Business and residential building Inter-Invest Mostar, The main structural design;
22. Business and residential building Rondo, lamella 4, New shopping center Rondo, Mostar, The main structural design;
23. Water Reservoir Orlac, Mostar, The main structural design;
24. The office building Cupina, Mostar, The main structural design;
25. Apartment block Andjelko Prskalo, Mostar, The main structural design;
26. Aparthotel Tamaris, Tucepi, Croatia, The main structural design;
27. Business and residential building Tempo Vranica in Mostar, The main structural design;
28. Business building JP Elektroprivreda HZ HB, Mostar, The main structural design;
29. Business-warehouse facility EUROSAN Mostar and TMTI TRADE Grude, The main structural design;
30. Business and residential building ZGONI in Mostar, The main structural design;
31. The swimming pool and ancillary facilities Dinko Slezak, Ilici, Mostar, The main structural design;
32. Residential building TOMING Grude, Medjugorje, The main structural design;
33. Building of the Faculty of Civil Engineering University of Mostar, The main structural design;



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34. Information Centre in Medjugorje, The main structural design;
35. Business and residential building, no. 6, lamella A, CENTAR II, Mostar, The main structural design;
36. The morgue Roman Catholic cemetery Rodoc, The main structural design.
37. Upgrade of new office building in Mostar UniCredit Bank d.d. Mostar, Cardinal Stepinac b.b., Construction Design.

1.3) Member of the project team (76)

1. Commercial building Primorka Mostar, The main structural design;
2. Road bridge "Dr. Franjo Tudjman" in Čapljina, The main structural design;
3. The reconstruction and extension of a building Bulevar, entry no. 19, Mostar, The main structural design;
4. Spatial information and presentation system of the Aluminij Mostar company;
5. Water Reservoir Rovanjska, Zadar, Croatia, The main structural design;
6. The building of the Medical Faculty of the University of Mostar, The main structural design;
7. Water Reservoir Maslenica, Croatia, The main structural design;
8. The administration building of Inter-Invest Mostar, The main structural design;
9. Road bridge Vojno-Potoci, Mostar, The main structural design;
10. Upgrade office building Dugandzic, Medjugorje, The main structural design;
11. Recovery of residential and commercial building, lamella C, Mostar, The main structural design;
12. House reception Medjugorje, The main structural design;
13. Car showroom NUIC Mostar, The main structural design;
14. Commercial building Marinko Lovric, Neum, The main structural design;
15. Business and residential building Ekrem Kudra, Mostar, The main structural design.
16. Business and residential building Ministry of Veterans West Herzegovina Canton, Grude, The main structural design;
17. Residential building MATAL Medjugorje, The main structural design;
18. Apartment block Mirko Boskovic, Mostar, The main structural design;
19. The reconstruction and extension of the office building LEDARA-BREWERY, Mostar, The main structural design;
20. Boarding house PAULIC Medjugorje, The main structural design;
21. Uneven intersection in two levels, at the cross road of M17 and M6.1, Capljina, Book 2: Project overpasses;
22. The hall for table tennis in Mostar, The main structural design;
23. Hotel Mogorjelo Capljina, The main structural design;
24. Business shopping center ARGENTUM Mostar, The main structural design;
25. Seismic study on the Old Gymnasium in Mostar;
26. Upgrade office building GUMA-M, Mostar, The main structural design;
27. Housing and shopping center Piramida, Mostar, The main structural design;
28. Business and residential building Policlinic JURISIC Mostar, The main structural design;
29. Business-shopping facility KUCA MODE Mostar, The main structural design;
30. The reconstruction and renovation of existing residential and commercial building Kvesic-Mandacic, Mostar, The main structural design;
31. Residential building Neretva gradnja Mostar, Detailed design construction;
32. Bridge over the River Rama;
33. Winery Josip Nuic, Crnopod, Ljubuski, Detailed design of the structure;
34. Protective reinforced concrete slabs of the hydropower Rama, Detailed design of the structure;
35. Business-building workshop JP Elektroprivreda HZ HB, Siroki Brijeg, The main structural design;
36. The business complex, Object 1, Administration Building BOSSIN Mostar, Detailed design of the structure.
37. Upgrade Hotel Mogorjelo Capljina, Detailed design of the structure;
38. Reconstruction of the family house Margeta, Slipcici, The main structural design;



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39. Residential building, Tivat, Montenegro, The main structural design;
40. The reconstruction of retaining walls Orthodox Bishop's Palace in Mostar, Detailed design of the structure;
41. Apartment block Petkovic, Metkovic, Croatia, The main structural design;
42. Business and residential building, Tivat, Montenegro, The main structural design;
43. Business and residential building RENOVO Porec, Croatia, The main structural design.
44. The family house Safet Omerovic, Mostar, The main structural design;
45. Apartment block Arnela Gosto, Mostar, The main structural design;
46. Connecting road network node at highway Zvirovici, The construction project, reconstruction and rehabilitation of the regional road R425 and the compound of the regional road R424, The main project, section III, Bridge Miletina, to the connection to R424 in the industrial zone total length of approximately L = 3.00 km, Book: Bridge Miletina;
47. The main planned route and preliminary design of buildings south bypass of Mostar, section Miljkovici-Rodoc, the connection to the M17, the first section: ST 6 + 253.93 - 8 + 468.65, The preliminary design of the viaduct Marijanovica Draga";
48. Business and residential building Darko Krezic, Mostar, The main structural design.
49. The main planned route and preliminary design of buildings south bypass of Mostar, section Miljkovici-Rodoc, the connection to the M17, the third section: ST 11 + 528.65 - 14 + 425.21, The preliminary design of the bridge Avijaticarski 2;
50. Business building ATACO Siroki Brijeg, The main structural design;
51. The main project of crossing over the channel connecting the hydropower MOSTARSKO BLATO;
52. Study to remove the concrete sleeper in the River Bregava;
53. The Church of St. Thomas the Apostle in Mostar, The main structural design;
54. The main planned route and preliminary design of buildings south bypass of Mostar, section Miljkovici-Rodoc, the connection to the M17, the third section: ST 11 + 528.65 - 14 + 425.21, subsection 2: ST + 12 999.40 - 14 425.21 +, Preliminary design of the overpass above railway line".
55. The main planned route and preliminary design of buildings south bypass of Mostar, Section Miljkovici-Rodoc, the connection to the M17, the third section: ST 11 + 528.65 - 14 + 425.21, subsection 1: ST + 11 528.65 - 12 999.40 +, Preliminary design of the underpass Aluminij;
56. The third pavilion of the Student Center of the University of Mostar, The main structural design;
57. Boarding house PRSKALO Medjugorje, The main structural design;
58. Main and detailed design of the continuation of building the Croatian National Theatre in Mostar.
59. Main construction project of the 3rd floor extension on the existing building Faculty of Health Studies of the University of Mostar;
60. Main construction project of the building of the media and research center University of Mostar;
61. The main project of the construction of the Kindergarten in Vionica - Medjugorje;
62. Main construction project of the fourth floor extension on the existing building Faculty of Medicine, University of Mostar;
63. Main project of construction of residential-business building in Ravno;
64. Multipurpose sports hall Stolac, Main construction project;
65. DOMUS Posusje Residential Building 1, Main construction project;
66. DOMUS Posusje Residential Building 2, Main construction project;
67. Residential and commercial building A ELEVEN Ljubuški, Main construction project.
68. Upgrading the south stand of the Mokri Dolac - Posušje stadium, Main construction project;



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69. Reconstruction of the building for the offices of the Rectorate of the University of Mostar, Main construction project;
70. Hotel in King Tomislav Street Stolac, Main construction project;
71. Seismic strengthening and improvement of energy characteristics of the building Elementary school Stolac, Main construction project;
72. Reconstruction and adaptation of the building of the General National Elementary School in Stolac, Main construction project;
73. Building for permanent and temporary housing and catering and tourist facilities, Ravno-Prijevor, Main construction project;
74. Detailed design of the pedestrian tourist bridge at the location of Kravice, City of Ljubuški;
75. Kindergarten with crèche in the settlement "Ada-Bad" in Čapljina, Main - Executive design of the structure;
76. Main and executive construction project of a residential and commercial building in Mostar (top of the Avenue), Investors: D.D.Ž. Investment d.o.o. Mostar & D.D. Investment d.o.o. Mostar.

2.) Project audits (3)

1. The main project of the hydropower MOSTARSKO BLATO, The coordinator of the audit;
2. The main project of the Corridor Vc Motorway, section Pociitelj-Bijaca, subsection Pociitelj-Zvirovici, from km 46 + 200 to km 57 + 100, The coordinator of the audit;
3. Aligning the main project section Buna-Počitelj with technical specification, The coordinator of the audit.

3.) Construction testing (1)

1. Testing the bridge over the stream speed to bypass the town of Livno, The head of the study.

4.) Professional supervision (6)

1. The store house Robot Mostar, Supervising Engineer;
2. The Church of Christ's Resurrection, Building Church (crypt), Supervising engineer;
3. Home for retired priests in Mostar, Supervising engineer;
4. Water Reservoir Orlac Mostar, Supervising engineer;
5. Facilities campus of the University of Mostar, Head of the Supervisory Team;
6. Construction of the Jelovaca Wind Power Plant 36 MW in the Municipality of Tomislavgrad, Administrator and Customer Relations Coordinator.

5.) More important publications (22)

1. Sunjic, G., Numerical model seismic response of underwater structure, Master's thesis, Faculty of Civil Engineering University of Split, Split, 2003.;
2. Radnic, J., Harapin, A., Sunjic, G., Immersed tunnels 2D model seismic response, Proceedings consulting HDGK "New Technology in Croatian Construction", pp. 253-260, Brijuni islands, Croatia, 2003.;
3. Radnic, J., Harapin, A., Sunjic, G., 3D model of underwater seismic response construction, I Symposium "Computer Construction", Proceedings, pp. 59-66, Civil Engineering, University of Zagreb, Zagreb, 2003.;
4. Marijanovic, P., Sunjic, G., Vector Computer Graphics Teaching Civil Faculty, I Symposium "Computer in Construction", Proceedings, pp. 297-303, Civil Engineering, University of Zagreb, Zagreb, 2003.;
5. Radnic, J., Harapin, A., Sunjic, G., Seismic analysis immersed tunnel, International Conference "Multidisciplinary modelling and design of building materials and products", Proceedings, pp. 253., University of Novi Sad, Faculty of Civil Engineering Subotica, Republic of Serbia, 2007.;
6. Sunjic, G., Radnic, J., Harapin, A., Behavior of submerged structures under seismic load conditions, International Scientific Symposium "Modelling of structures", Proceedings, pp. 691, University of Mostar, Faculty of civil engineering, Mostar, 2008.;
7. Sunjic, G., Radnic, J., Brzovic, D., Harapin, A., Numerical model for fluid-structure coupled problems, Fourteenth European Conference on earthquake engineering, Abstract Book, pp. 731, Ohrid, Republic of Macedonia, 2010.;



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8. Radnic, J., Harapin, A., Matesan, D., Grgic, N., Smilovic, M., Sunara, M., Šunjić, G., Džolan, A., Numerical simulation of fluid-structure coupled problems, International Conference marking 60 years of operation of DIMK Serbia, Research in the field of building materials and structures, Proceedings, pp. 167, Belgrade, Republic of Serbia, 2012.;
9. Sunjic, G., AutoCAD 2D modelling, Textbook, University of Mostar, Mostar, 2000.;
10. Sunjic, G., Marijanovic, P., AutoCAD 3D modelling, Textbook, University of Mostar, Mostar, 2004.;
11. Brzovic, D., Sunjic, G., Radnic, J., Harapin, A., Chapter 10: Numerical Model for Fluid-Structure Coupled Problems under Seismic Load// Materials with Complex Behaviour II / A. Öchsner et al. (Eds.) (ur.). Berlin: Springer-Verlag, Heidelberg 2012., pp. 175-198;
12. Sunjic, G., Džolan, A., Sunara, M., Radnic, J., Harapin, A., Numerical problems related problems fluid-structure with examples (review), Scientific Magazine for natural and technical sciences University of Mostar, no. 23, pp. 17- 46, University of Mostar, Mostar, 2014.;
13. Sunjic, G., Milasinovic, Z., Harapin, A., The numerical simulation of the seismic response of Jablanica dam, Extended Abstract, 10th International Conference on Advanced Computational Engineering and Experimenting, ACEX2016 - ABSTRACT BOOK, Pages: 37.-38., Split, Croatia, 3-6 July, 2016.;
14. Sunjic, G., Numerical modelling of the behaviour of concrete dams affected by seismic loads, Ph. D. thesis, Faculty of Civil Engineering University of Mostar, Mostar, 2016.;
15. Glibic, M., Šunjic, G., Mikulic, Z., Cracks on the Old Bridge in Mostar, e-ZBORNİK electronic collection of the Faculty of Civil Engineering, Mostar, No. 17, June 2019, year 9, p. 86.-97., University of Mostar, Faculty of Civil Engineering, Mostar, 2019.;
16. Šunjić, G., Prskalo, M., Milasinović, Z., Harapin, A., Simulation of concrete ageing on dams as illustrated by numerical analysis of Jablanica HPP, Građevinar: Journal of the Croatian Association of Civil Engineers, 9 (2019), p. 749-767, Zagreb, 2019.;
17. Kustura, M., Šunjić, G., Čubela, D., Quasi-static Tests on 1:3 Scaled Arch Segments of the of the Old Bridge in Mostar, International Journal of Earthquake and Impact Engineering, 2019.;
18. Kustura, M. Šunjic, G., Sunjic, B., Pedestrian bridges and experimental load testing, e-ZBORNİK 19/2020: Electronic collection of papers of the Faculty of Civil Engineering, University of Mostar, ISSN 2232-9080, p. 88.-101., Mostar, 2020.;
19. Šunjić, G. Džeba, T., Prskalo, M., Geotechnical characteristics of the banks in the middle course of the Neretva River through the City of the Mostar, e-ZBORNİK 20/2020: Electronic collection of papers of the Faculty of Civil Engineering, University of Mostar, ISSN 2232-9080, p. 112.-120., Mostar, 2020.;
20. Šunjić, G., Čubela, D., Markic, R., BRIDGES - SELECTED CHAPTERS, textbook, University of Mostar, ISBN 978-9958-16-194-0, Mostar, 2021.
21. Džolan, A., Lauff, P., Fischer, O., Šunjić, G., Influence of Concrete Shrinkage on the Behavior of Carbon Short-Fiber-Reinforced Concrete (CSFRC) under Tension, Appl. Sci. 2023, 13, 7081. <https://doi.org/10.3390/app13127081>
22. Jurišić, M., Šunjić, G., Bebek, N., Analysis of relative deformations and stresses on the Vranduk 2 bridge, Common foundations 2023 - UniSTem, tenth gathering of young researchers in the field of civil engineering and related technical sciences, Split, 14.- 17. September 2023, Proceedings, University of Split, Faculty of Civil Engineering, Architecture and Geodesy, 2023, p. 90-95., <https://doi.org/10.31534/10.ZT.2023.12>

6.) **Reviews (1)**

1. Kustura, M., APPLICATION OF EXPERIMENTAL METHODS IN TESTING OF STONE MASONRY ARCH BRIDGES, textbook, University of Mostar, ISBN 978-9926-28-022-2, Mostar, 2023.



7.) Editorial projects (6)

1. One of the authors of the text and editing text in the Croatian language MONOGRAPHS occasion of 30 years of Civil Engineering University of Mostar 1978-2008, Mostar, 2008.;
2. One of the authors of the text MONOGRAPHS on the occasion of 35 years of the University of Mostar, 1978-2013, pp. 441-445, Mostar, 2013.;
3. A member of the editorial and concealer "Guide through UNDERGRADUATE AND GRADUATE PROGRAM", Mostar, 2014.;
4. A member of the editorial board of the "Yearbook of 2017, Faculty of Civil Engineering, University of Mostar", Mostar, 2017.;
5. A member of the editorial board of the "Yearbook of 2018, Faculty of Civil Engineering, University of Mostar", Mostar, 2018.;
6. One of the authors of the text and editing text in the Croatian language MONOGRAPHS occasion of 40 years of Civil Engineering University of Mostar 1978-2018, Mostar, 2018.

8.) Leader of the event (5)

1. Head of Festive Promotions at the Faculty of Civil Engineering, University of Mostar, 2008-2016;
2. Head of Promotion/Presentation of the Book "It's over us..." by author Ph. D. Mladen Glibic, June 2016;
3. Head of Promotion/Presentation of the Book "MECHANICS II CINEMATICS AND DYNAMICS" by authors Ph. D. Mladen Kozul & Ante Dzolan, Master of Civil Engineering, September 2017.;
4. Head of Open Day Door of the Faculty of Civil Engineering, University of Mostar, April 13, 2018.;
5. Head of the "40th for the Future" Scientific and Professional Conference, 15-16. November 2018.