



**EUROPEAN  
CURRICULUM VITAE  
FORMAT**  
(in English)

**PERSONAL  
INFORMATION**

Surname and first name	<b>Ivan Lovrić</b>	
Address	Work:	Faculty of Civil Engineering, University of Mostar, Matice hrvatske bb, 88000 Mostar, Bosnia and Herzegovina
Telephone	+387 36 355 000	
Mobile phone	+387 63 312 170	
Fax	+387 36 355 001	
E-mail address	ivan.lovric@gfmo.ba; ivan.lovric40@gmail.com	
Nationality	Croat	
Citizenship(s)	B&H / Croatian	
Date of birth	3 January 1963	
Gender	male	

**PROFESSIONAL  
EXPERIENCE**

Dates (from - to)	November 2007 – up to now	
Occupation or position held	Professor at the department of transportation engineering	
Name and address of employer	Faculty of Civil Engineering University of Mostar, Matice hrvatske bb, 88000 Mostar, Bosnia and Herzegovina	
Type of business or sector	Teaching, research and professional work in the field of transportation engineering	
Dates (from - to)	October 2011 – September 2017	
Occupation or position held	Dean	
Name and address of employer	Faculty of Civil Engineering University of Mostar, Matice hrvatske bb, 88000 Mostar, Bosnia and Herzegovina	
Type of business or sector	Management and teaching	
Dates (from - to)	October 2002 – November 2007	
Occupation or position held	Assistant at the department of transportation engineering	
Name and address of employer	Faculty of Civil Engineering University of Mostar, Matice hrvatske bb, 88000 Mostar, Bosnia and Herzegovina	
Type of business or sector	Teaching, research and professional work in the field of transportation engineering	
Dates (from - to)	December 2011 – October 2002	
Occupation or position held	Assistant at the department of transportation engineering	
Name and address of employer	Faculty of Civil Engineering University of Mostar, Matice hrvatske bb, 88000 Mostar, Bosnia and Herzegovina	
Type of business or sector	Teaching, research and professional work in the field of transportation engineering	



**EUROPEAN  
CURRICULUM VITAE  
FORMAT**  
(in English)

Dates (from - to)	1989 – 1992
Occupation or position held	Office manager
Name and address of employer	Vodoprivreda Ljubuški, Ljubuški, BiH
Type of business or sector	Water management and civil engineering

**EDUCATION AND  
TRAINING**

Title	Doctor of Philosophy (Ph.D) in Engineering Sciences
Date	October 2007
Institution	Faculty of Civil Engineering University of Mostar
Place	Mostar
Title	Master of Technical Sciences, Capacity analysis
Date	November 2002
Institution	Faculty of Civil Engineering University of Split
Place	Split, Croatia
Title	Master in Civil Engineering
Date	December 1988
Institution	Faculty of Civil Engineering University of Mostar
Place	Mostar

**SPECIALIZATION**

Year	2002
Place	Ljubljana, Slovenia
Institution	Traffic Technical Institute Faculty of Civil and Geodetic Engineering, University of Ljubljana
Field of activity	Traffic engineering - capacity analysis

**PERSONAL SKILLS  
AND COMPETENCES**

Mother tongue	Croatian
Other language(s)	
Language	Italian
Listening	Very good
Reading	Very good
Spoken interaction	Very good
Spoken production	Very good
Writing	Very good
Language	English
Listening	Good



**EUROPEAN  
CURRICULUM VITAE  
FORMAT**  
(in English)

---

Reading	Good
Spoken interaction	Good
Spoken production	Sufficient
Writing	Good
<b>SOCIAL SKILLS AND COMPETENCES</b>	Team work
<b>COMPUTER SKILLS AND COMPETENCES</b>	MS Office, AutoCAD, AutoTrack, CADICS, PLATEIA, HCS, SIDRA, CORSIM, HDM-4
<b>OTHER SKILLS AND COMPETENCES</b>	Good organizational skills acquired through many years of working with students and colleagues in the scientific and research projects, conferences, symposia, etc.
<b>DRIVING LICENSE</b>	B category
<b>MEMBERSHIP IN ASSOCIATIONS</b>	ALUMNI HDAGI
<b>ATTACHMENTS</b>	<ol style="list-style-type: none"><li>1.) Scientific and professional papers</li><li>2.) Books and publications</li><li>3.) Projects, studies, etc.</li></ol>

**HANDWRITTEN SIGNATURE**

\_\_\_\_\_



## 1) List of scientific and professional papers

Šarić A., Lovrić I.

Multi-lane Roundabout Capacity Evaluation\*

Front. Built Environ. 3:42. doi: 10.3389/fbuil.2017.00042

Čutura B., Mladenović G., Mazić B., Lovrić I.

*Application of the HDM-4 Model on Local Road Network: Case Study of the Herzegovina-Neretva Canton in Bosnia and Herzegovina,\**

6th Transport Research Arena, Warsaw 2016, doi:10.1016/j.trpro.2016.05.441

Lovrić I., Čutura B., Maslač D.

*Problems of crossfall changeover for reversed crossfalls\**

4th International Conference on Road and Rail Infrastructure (CETRA 2016), Šibenik 2016

Lovrić I., Albinović S., Šarić A., Maslač D.

*Comparison of some capacity and control delay models on Roundabouts\**

4th International Conference on Road and Rail Infrastructure (CETRA 2016), Šibenik 2016.

Čutura B., Lovrić I., Maslač D.

*Additional lane on two-lane two-way highways - problem of existing guidelines,*  
Second Serbian Congress on Roads, Belgrade 2016.

Bajić M., Čutura B., Lovrić I.

Interchange Počitelj – Directional T interchange (Master thesis)

Electronic proceedings of Faculty of civil Engineering University of Mostar No. 12, ISSN 2232-9080, Mostar 2016

Lovrić I., Čutura B., Maslač D.

*Microsimulation of traffic in cities - example of Mostar,*

Sixth Croatian Congress on Roads, Opatija 2015.

Mazić B., Lovrić I., Čutura B., Mandić A.

*Traffic analysis in the design of asphalt pavement structures,*

Put i saobraćaj II/2015, Belgrade 2015

Lovrić I., Cvitanić D., Breški D.

*Modelling Free Flow Speed on Two-Lane Rural Highways in Bosnia and Herzegovina,\**

// *Promet – Traffic&Transportation*. 26 (2014), 2; 151-157

Čutura B., Mazić B., Lovrić I.

*Review of dimensioning of flexible pavement structures in European and local regulations*

First Serbian Congress on Roads, Belgrade 2014.

Lovrić I., Čutura B., Maslač D.

*Technical groups of roads in B&H Rules,*

Forth B&H Congress on Roads, Sarajevo 2014.

Cvitanić D., Breški D., Lovrić I.

*Possibility of Microsimulation Models Calibration – Case Study in the City of Split,\**

// *PROMET - Traffic&Transportation*. 24 (2012), 3; 231-241



**EUROPEAN  
CURRICULUM VITAE  
FORMAT**  
(in English)

---

Lovrić I., Maslač D., Čutura, B.

*Traffic Roundabouts in B&H*

Third B&H Congress on Roads, Sarajevo 2012.

Lovrić I., Čutura B., Maslač D.

*Pavement widening in a horizontal curve - a reference to the B&H rules*

Third B&H Congress on Roads, Sarajevo 2012.

Lovrić I., Čutura B., Maslač D.

*Road linking on the route Mostar - Split*

Fifth Croatian Congress on Roads, Cavtat 2011.

Lovrić I., Čutura B., Palameta D.

*Dual function of urban bypasses - Potential solutions of the Stolac bypass as a link of major roads,*

Second B&H Congress on Roads, Proceedings, Sarajevo, 2009.

Lozić I., Lovrić I., Čutura B.

*Linking of the Herzegovina road network with the Adriatic-Ionian Highway*

First B&H Congress on Roads, Proceedings, Sarajevo, 2007.

Lovric I., Mazić B.

*Capacity and level of service of two-lane rural highways*

First B&H Congress on Roads, Proceedings, Sarajevo, 2007.

Lovric I.

*Speed-flow models for two-lane rural highways*, Ph.D. dissertation,

Faculty of Civil Engineering University of Mostar, Mostar, 2007.

Breški D., Cvitanić D., Lovrić I.

*Sensitivity analysis of parameters of the simulation model CORSIM*

Građevinar, issue 7/2006, Zagreb, 2006.

I. Lovrić, Z. Pejić

*Influence of the position of the southern part of route and nodes of Corridor Vc Motorway on the existing planned road network\**

PEMT 06, Sarajevo 18 - 20 May 2006.

D. Cvitanić, D. Breški, I. Lovrić

*Reconstruction of the state road D8 – comparison of the variant solutions\**

Urban Transport and the Environment in the 21st Century, pp.359-368, Czech Republic, 2006.

I. Lozić, I. Lovrić

*Draft design of connection of the major roads M17 and planned M6.1 with Mostar South Bypass*

Third Croatian Congress on Roads, Medana, 12 – 15 October 2003.

I. Lovrić

*Capacity analysis of signalized intersections*, Master's thesis

Faculty of Civil Engineering University of Split, 2002.



D. Marušić, I. Lovrić

*Selecting an optimal traffic system for cities\**

Urban Transport VIII, Urban Transport and the Environment in the 21st Century, Seville, Spain 2002.

D. Marušić, I. Lovrić

*Selection of optimal traffic system in cities*

Ceste i mostovi, 9 -10 Zagreb 2001.

I. Lozić, I. Lovrić, D. Cvitanić

*Analysis of traffic flows in the area of the City of Mostar*

Second Croatian Congress on Roads, Cavtat, 24 – 27 October 1999.

\*Papers in English. Other papers are in Croatian.

## **2) Books and publications**

I. Domljan, I. Lovrić

*Competence of civil engineers, ISBN 978-9958-9170-9-7*

Faculty of Civil Engineering University of Mostar, Mostar, 2016.

B. Mazić, I. Lovrić

*Highways, ISBN 9958-9615-9-8*

Faculty of Civil Engineering University of sarajevo, Sarajevo 2010.

I. Lovric

*Traffic volumes on the network of major and regional roads of the Herzegovina-Neretva*

*County/Canton in 2003., 2004., 2005., 2006. godini, ISSN 1840-3352*

Ministry of Transport and Communications of HNC, Mostar 2003., 2004., 2005., 2006.

I. Lovric

*Traffic volumes on the network of regional roads of the Herzegovina-Neretva County/Canton in 2007.,*

*2008., ... 2014., 2015. godini, ISSN 1840-3352*

Ministry of Transport and Communications of HNC, Mostar 2007., 2008., ... 2014., 2015.

I. Lovrić

*Traffic volumes on the network of major and regional roads of the West Herzegovina County in 2004.,*

*2005., 2006., 2007., 2008. godini*

Government of the West Herzegovina County, Široki Brijeg 2004., 2005, 2006., 2007., 2008.

## **3) Projects and studies**

*Ballast water management system for Adriatic Sea protection (BALMAS) Project number: 1° p./0005,*

*Faculty of Civil Engineering University of Mostar, 01.11. 2013 – 31. 03. 2016, Team member*

*Federation BH Transport Strategy, PricewaterhouseCoopers d.o.o. Sarajevo, 2016., Expert Consultant*

*Feasibility study of the northern bypass of Grude, Faculty of Civil Engineering University of Mostar, Construction Research Center Ltd. Mostar, 2015, Project manager*



**EUROPEAN  
CURRICULUM VITAE  
FORMAT**  
(in English)

---

*Preliminary design of the northern bypass of Grude, Faculty of Civil Engineering University of Mostar and Construction Research Center Ltd. Mostar, 2015, Project manager*

*Review of the main design of Magistral road M-17.3 Neum – Stolac; section: Broćanac – Drenovac, subsection: Cerovica - Drenovac L= 13.76 km, Faculty of Civil Engineering University of Mostar, 2015., Responsible reviewer*

*Main design of the Wind Farm Gradina Tomislavgrad, access roads and plateaus of WF Gradina, Faculty of Civil Engineering University of Mostar and Construction Research Center Ltd. Mostar, 2015, Project manager*

*Preliminary design of the Wind Farm Gradina Tomislavgrad, access roads and plateaus of WF Gradina, Faculty of Civil Engineering University of Mostar, 2015, Project manager*

*Preliminary design of irrigation of IMBE, Faculty of Civil Engineering University of Mostar, 2014 – 2015, Member of the expert team*

*Review of the main design of Magistral road M-17.3 Neum – Stolac; section: Broćanac-Drenovac, subsection: Broćanac – Hutovo - Cerovica L= 10.90 km, Faculty of Civil Engineering University of Mostar, 2013 – 2015, Responsible reviewer*

*Conceptual design of parterre of the University of Mostar Student Center complex, Faculty of Civil Engineering University of Mostar and Construction Research Center Ltd. Mostar, 2015, Project manager*

*Preliminary design of access road for residential and business building to R424 in Čitluk, Faculty of Civil Engineering University of Mostar and Construction Research Center Ltd. Mostar, 2015, Project manager*

*Main design of the road and parking lot (near Eronet and "Duhanska"), Faculty of Civil Engineering University of Mostar, 2015, Project manager*

*Traffic design study for future development of Grude, Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Main design of the Wind Farm Debelo Brdo on Kupres, service roads and plateaus of WF Debelo Brdo, Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Preliminary design of the Wind Farm Debelo Brdo on Kupres, service roads and plateaus of WF Debelo Brdo, Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Study of the transport road "Gornja Srnotača", Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Study on assessment of needs and optimization of maintenance and rehabilitation of pavement of regional roads of the Herzegovina Neretva County/Canton by application of HDM-4 model, Faculty of Civil Engineering University of Mostar, 2015, Project manager*

*Reconstruction of major roads - construction of creeper lane; Lot 4: M14.2 Bosanski Petrovac – Drvar - Grahovo, L= approx. 10 km, "INTEGRA" d.o.o. Mostar and Faculty of Civil Engineering University of Mostar, 2015, Designer*



**EUROPEAN  
CURRICULUM VITAE  
FORMAT**  
(in English)

---

*Review of the main design of the motorway on the Corridor Vc; section Počitelj – Bijača, subsection Počitelj – Zvirovići, km 46+200 – km 57+100, Faculty of Civil Engineering University of Mostar and Faculty of Civil Engineering University "Džemal Bijedić" in Mostar, 2015, Responsible reviewer of roads*

*Conceptual design of the roundabout connecting Fra Dominika Mandića Street with the major road M6.1, Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Traffic design of intersection of the streets of Fra Didaka Buntića, Kvaternikova and Fra Dominika Mandića (near the new school), Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Main design of the roundabout for intersection of the streets Fra Didaka Buntića, Kvaternikova and Fra Dominika Mandića (near the new school) in Široki Brijeg, Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Detailed design of pavement structure on the Corridor Vc, subsection Zvirovići - Kravice on the section Počitelj - Bijača: junction Zvirovići and route km 11+000 - km 16+000, Faculty of Civil Engineering University of Mostar, 2014, Project manager*

*Road network connection to the Zvirovići highway junction – Main design of construction, reconstruction and rehabilitation of the regional road R425a and connection with the regional road R424, Faculty of Civil Engineering University of Mostar, 2013, Project manager*

*Preliminary design with geodetic works for connection of the regional road network to the Zvirovići highway junction, Faculty of Civil Engineering University of Mostar, 2013, Project manager*

*Review of project documentation "Extension of 'Bulevar' - industrial zone South", Faculty of Civil Engineering University of Mostar, July 2013, Project manager*

*Review of the main design of reconstruction of streets and intersections in Prozor, Faculty of Civil Engineering University of Mostar, 2013, Project manager*

*Review of the main design of Jelovača –Tomislavgrad Wind Farm construction, 36 MW, Faculty of Civil Engineering University of Mostar, 2013, Project manager*

*Review of the main design of expressway route, Section Lašva - Donji Vakuf, Faculty of Civil Engineering University of Sarajevo and Faculty of Civil Engineering University of Mostar, 2011 – 2014, Team member*

*Review of the main design of the motorway route on the Corridor Vc, Section Konjic-Tarčin, Faculty of Civil Engineering University of Sarajevo and Faculty of Civil Engineering University of Mostar, 2011 – 2014, Team member*

*Review of the motorway on the Corridor Vc, Lot 7: section Počitelj - Bijača (border with Croatia), Faculty of Civil Engineering University of Mostar, 2011, Team member*

*Preliminary design of access roads of WF Velika Vlačina/Jastrebinika, Faculty of Civil Engineering University of Mostar, 2011, Project manager*





**EUROPEAN  
CURRICULUM VITAE  
FORMAT**  
(in English)

---

*Project "Motorway on the Corridor Vc" – Member of the expert group assisting the development of conceptual design of the Neretva bridge near Počitelj on highway on the Corridor Vc – expert for traffic, Ministry of Communications and Transport of B&H, 2009 – 2011, Member of the expert group assisting the development of conceptual design of the Neretva bridge near Počitelj on highway on the Corridor Vc - expert for traffic*

*Conceptual design of road junctions on the expressway Mostar - Grude - Široki Brijeg - Croatian border, INTEGRA Mostar, 2010, Associate designer*

*Preliminary design of access roads for WF Mesihovina, Faculty of Civil Engineering University of Mostar, 2010, Project manager*

*Preliminary design of access roads for WF Gradina, Faculty of Civil Engineering University of Mostar, 2010, Project manager*

*Spatial and traffic study of the road network of the Herzegovina Neretva County/Canton, Faculty of Civil Engineering University of Mostar, 2006, Project manager*

*Spatial and traffic study of the road network of the West Herzegovina County, Faculty of Civil Engineering University of Mostar, 2006, Project manager*

*Review of the main design of access roads for HPP Mostarsko Blato, reviewer for the route, Faculty of Civil Engineering University of Mostar, 2006, Reviewer of the route*

*Project "Highway on the Corridor Vc" – development of the planning and study documentation, Revision LOT3 and LOT4 Consortium: Faculty of Civil Engineering Sarajevo, Faculty of Economics Sarajevo and Put inženjering Podgorica, 2005, Member of the review team for the route*

*Interchange of the roads M17 and M6 in Čapljina, Traffic analysis and conceptual designs, INTEGRA Mostar, 2005, Associate designer*

*Conceptual design of the road Vojno - Potoci for the needs of the main design of bridge, Faculty of Civil Engineering University of Mostar, 2003, Designer*

*Traffic analysis and conceptual design of the urban road of IV Bojne Street and intersection at Tihomira Mišića Square, Faculty of Civil Engineering University of Mostar, 2003, Designer*

*Conceptual design of route in the zone of junction of the major roads M 17 and M 6.1 and conceptual structural and traffic design of the interchange, Faculty of Civil Engineering University of Mostar, 2002, Designer*

*Conceptual design of the Rodoč bypass (extension of "Bulevar") and its connection with the existing and planned traffic routes. Designs of the interchange at the connection with the Mostar South Bypass, Faculty of Civil Engineering University of Mostar, 2001, Designer*

*Conceptual design of the connection (routes and intersection) Zorićevina- major road M6.1 in Široki Brijeg, HERING d.d. Široki Brijeg, 1998, Associate designer*