

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Danijela Maslač**

Address(es) bb, Matice hrvatske, 88000 Mostar, Bosnia and Herzegovina

Telephone(s) 00387 36 355 048 **Mobile:** 00387 63 479 155

Fax(es) 00387 36 355 001

E-mail danijela.maslac@gfmo.ba, danijela.maslach@gmail.com,

Nationality Bosnia and Herzegovina

Date of birth 11. 09. 1985

Gender Female

Occupational field

BSc. In Civil Engineering ; Teaching and Research Asistant, Department of organization and highway engineering

Work experience

Dates 03. 04. 2009.

Occupation or position held BSc. In Civil Engineering, Teaching Research Assistant

Main activities and responsibilities Teaching, Planning, Researching

Name and address of employer Faculty of Civil Engineering, University of Mostar, bb, Matice hrvatske, 8800 Mostar, Bosnia and Herzegovina, **web:** <http://www.gfmo.ba>

Type of business or sector Science and Education

Education and training

Dates **2010. - present**

Title of qualification awarded Desired: PhD,

Principal subjects/occupational skills covered Highway, Traffic Engineering, Traffic Technology, Mathematics

Name and type of organisation providing education and training Postgraduate Scientific study, Civil Engineering and Architecture Faculty, University of Split, Croatia, Field: Highway ,Traffic Engineering

Level in national or international classification ISCED 6

Dates **11/2016**

Program Erasmus Program, Mobility Staff on University Split
Training in the field Roundabouts

Dates **05/2012**

Title of qualification awarded Postgraduate training in the field Roundabouts

Principal subjects/occupational skills covered	Roundabouts (designining, microsimulation, calibration...)																																								
Name and type of organisation providing education and training	University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Arhitecture																																								
Level in national or international classification	ISCED 6																																								
Dates	2004-2009																																								
Title of qualification awarded	Graduate engineer, BSc. In Civil Engineering																																								
Principal subjects/occupational skills covered	Mathematics, Mechanics, Roads, Highway, Traffic Technology																																								
Name and type of organisation providing education and training	Graduate study, Faculty of Civil Engineering, University of Mostar, Bosnia and Herzegovina																																								
Level in national or international classification	ISCED 5																																								
Personal skills and competences																																									
Mother tongue(s)	Croatian																																								
Other language(s)																																									
Self-assessment <i>European level (*)</i>																																									
English																																									
German																																									
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	<i>(*) Common European Framework of Reference for Languages</i>																																								
Social skills and competences	team spirit;																																								
Organisational skills and competences	<ul style="list-style-type: none"> - member of team for making self-evaluation report for study program of Civil Engineering, 2009-2012 - participated in the seminar " Practical training for preparation of the self assessment report" in University of East Sarajevo, 2010 - member of organizational committee of 3rd Conference for Young Researchers of Civil Engineering Mostar, 2015 																																								
Technical skills and competences																																									
Computer skills and competences	<p>good command of:</p> <ul style="list-style-type: none"> - Microsoft Office™ tools (Word™, Excel™ and PowerPoint™); - AutoCAD Drawing ; - Cadics Software; -Plateia Software - HCS Software; - SIDRA Intersection -VISSIM -CORSIM -MetroCounts equipment -NuMetrics equipment 																																								
Artistic skills and competences	the ability to computer drawing (in AutoCAD)																																								
Other skills and competences	Good organization of classes with large number of students (e.g. on Mechanics - 115 students)																																								
Driving licence	Category B																																								

Additional information

Publication:

- Dual function of the bypass cities - Possible solutions Bypass Stolac as staples of the main roads, I.Lovrić, B.Čutura, D.Palameta, A. Maslač, The Second Congress on the roads of Bosnia and Herzegovina, Sarajevo 2009;
- Highway connection MOSTAR- SPLIT, Lovrić, I. Čutura, B., Maslač, D, Fifth Croatian Road Congress, Cavtat 2011.
- High speed Tracks-Tracks on hard surface, Marušić, D., Maslač.D, e-BOOK Civil Engineering University of Mostar, 2011
- Roundabout in Bosnia and Herzegovina, Lovrić, I., Maslač, D., Čutura, B., Third B & H Congress on Roads, Sarajevo 2012
- Widening the roadway in a horizontal curve, Lovrić, I., Čutura, B., Maslač, D. Third B & H Congress on Roads, Sarajevo 2012
- Technical groups of roads in BiH Regulations, Lovrić, I., Čutura, B., Maslač, D. IV. Congress on Roads, Sarajevo 2014.
- Microsimulation model roundabouts -Using VISSIM, Maslač, D. 3rd Conference for Young Researchers of Civil Engineering Mostar, 2015
- Problems of crossfall changeover for reversed crossfalls, Lovrić I., Čutura B., Maslač D.CETRA, 4 International Conference on Road and Rail Infrastructure, 23-25. 2016, Indexed in TRID BASE
- Comparison of some capacity and control delay models on roundabouts CETRA, 4 International Conference on Road and Rail Infrastructure, 23-25. 2016, Indexed in TRID BAS Ivan Lovrić, Sanjin Albinović, Ammar Šarić, Danijela Maslač

Professional works projects:

- Conceptual design of access roads Wind power MESIHOVINA, 2010.
- Conceptual design of access roads Wind power GRADINA, 2010.
- Conceptual design of road junctions in the four - lane highway – Mostar – Grude - Široki Brijeg - border RH, 2010.
- Conceptual design of access road to Wind power Gradina on the road in Privala, 2011
- Revision of the preliminary project Highway Lašva-Donji Vakuf, 2011-
- The counting and surveying of traffic on the roads in the HNZ for the period 2011
- The audit of the main project Corridor VC, LOT7, Section: Pocitelj-Bijača, subsection: Zvirovići- Bijača, 2011
- Traffic studies of the city of Mostar area bounded by the streets of the King Tomislav, Petar Kresimir IV, Boulevar, Dr. Ante Starcevic, 2011-2012
- Detailed design of the assembly roundabout on the intersection of streets Kralja Tvrtka and Stjepana Radica in Mostar, 2012
- The audit conceptual design highway section: Lašva-Donji Vakuf, subsection: Lašva- Nevic Field, 2011
- Revision of the main project highway section: Lašva-Donji Vakuf, subsection: Lašva- Nevic Field, 2011

-Counting and surveying of traffic on the roads in the HNZ for the period 2012
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- Revision of the preliminary design of Corridor VC section: Tarcin -Konjic, 2011-2012
- Counting and surveying of traffic on the roads in the HNŽ for the period 2013-2016.
- The main Project of crossroads of access road to the location for waste water from the town of Prozor, the M16.2, 2013
- The audit of project documentation, reconstruction of street Diva of Grabovac, L = 398m, the Split streets L = 342m, King Tomislav L = 1.700m and intersection 1 (ul.K.Tomislava, ul. N.Šopa and ul.V.Lukića), the intersection of 2 (ul.K.Tomislava and ul.D.Grabovčeve), and 3 intersection, Prozor, 2013
- Review of the Project: Extension of the Boulevar-South industrial zone with intersections, the City of Mostar, 2013
- Preliminary Design turboroundabout on the Spanish Square, Mostar, 2014
- Preliminary project of street Marića side-Dubrava, Grude, 2014
- The main project road Marića side -Dubrava, Grude, 2014
- The main project of reconstruction of the street Bili Brig Grude, 2014
- The main Project of two small urban roundabout in the street of Kralja Tvrtka, 2015
- Conceptual design of intersection, connection the bussines object Bregava d.o.o. Čapljina on M17. Section 018: Tasovčići - the border of Croatia, at station km 4 + 700, in the Višići, 2015
- 24. Main Project of Zvirovići Economic Zone Infrastructure, 2016
- 25. Main Project of road "C" with infrastructure (plumbing and water supply) Sewage, rainwater drainage, electric and tk network etc.) According to the statement from Amendments to the Regulatory Plan "ADA-BAD", 2017

Scientific- Research projects:

1. Roundabout in BiH, 2012
2. FP7- IMPACTMIN, 2010-2013
3. Mechanization and automation in the development of data collection and processing systems traffic at intersections, 2016
4. Modeling and calibration of roundabouts for design and security optimization, 2017-2018

FP7-IMPACTMIN, 2010-2013

Annexes