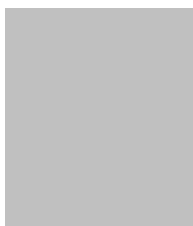


PERSONAL INFORMATION

Nikola Baša



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 Viber +382 67 817 850

Sex male | Date of birth 30 October 1980 | Nationality Montenegrin

WORK EXPERIENCE

2023 - present

Assistant Professor

University of Montenegro (UoM) [\[www.ucg.ac.me\]](http://www.ucg.ac.me)
Faculty of Civil Engineering (FCE) [\[www.gf.ac.me\]](http://www.gf.ac.me)
Podgorica, Montenegro

- Professor of courses from the domain of: Concrete structures, Masonry structures (Faculty of Civil Engineering and Faculty of Architecture)
- Scientific-research and engineering activities

2008 - 2023

Teaching Assistant

University of Montenegro (UoM) [\[www.ucg.ac.me\]](http://www.ucg.ac.me)
Faculty of Civil Engineering (FCE) [\[www.gf.ac.me\]](http://www.gf.ac.me)
Podgorica, Montenegro

- Teaching Assistant in courses from the domain of: Concrete structures, Masonry structures (Faculty of Civil Engineering and Faculty of Architecture)
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2005 - 2008

Teaching Assistant

University of Montenegro (UoM) [\[www.ucg.ac.me\]](http://www.ucg.ac.me)
Faculty of Civil Engineering (FCE) [\[www.gf.ac.me\]](http://www.gf.ac.me)
Podgorica, Montenegro

- Teaching Assistant in courses from the domain of: Concrete structures (Faculty of Civil Engineering)
- Scientific-research and
- Engineering work in the company CDS Project d.o.o. Podgorica, Montenegro

EDUCATION AND TRAINING

2010 - 2019

PhD (Dr – Doctor)

EQF level 8

Faculty of Civil Engineering, University of Montenegro (Montenegro)

- Specialisation: Concrete structures with FRP reinforcement, concrete structures with steel reinforcement, precast structures, seismic response of structures
- Structure: 5 courses/exams+ starting research (1+1 semester) + PhD Thesis
- PhD Thesis: Effects of redistribution of internal forces on limit state of continuous beams reinforced with FRP reinforcement (extensive experimental and theoretical research, including FEM modelling)

2005 - 2009

MSc (Mr – Magistar)

EQF level 7

Faculty of Civil Engineering, University of Montenegro (Montenegro)

- Specialisation: Seismic response of precast structures
- Structure: MSc Thesis (1 semester)
- MSc Thesis: Analysis of the influence of joint softening to the seismic response of precast reinforced concrete frame structure

1999 - 2005

BSc (Dipl.Ing)

EQF level 6

Faculty of Civil Engineering, University of Montenegro (Montenegro)

- Specialisation: Concrete structures
- Structure: 42 courses/exams (8+1 semesters) + Final/Diploma project (1 semester)
- Final/Diploma project: Design of structure of the shopping center in Podgorica

PERSONAL SKILLS

Mother tongue(s) Montenegrin / Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B1	B1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained through teaching experience and through participation in some conferences.

Organisational / managerial skills

- Head of engineering design teams - responsible design engineer

Computer skills

Software

- Microsoft Office, Adobe Acrobat Professional, AutoCAD, ArmCAD, SAP, ETABS, TOWER, BRIDGE, ABAQUS

Other skills

Professional skills:

- structural engineering
- familiar with structural engineering laboratory techniques and methods,
- experience in experimental testing of structures and materials.

Hobbies and interests:

- football, basketball, handball, swimming,
- reading.

Driving licence

B

ADDITIONAL INFORMATION

Honours and awards

- Award "19 December" of Municipality of Podgorica for the best student of the Faculty of Civil Engineering, University of Montenegro, 2000.

Memberships *Professional organisations and associations:*

- Engineering Chamber of Montenegro (IKCG)

Professional bodies:

- Member of Expert Team for translation of EN 1991-1-1 and elaboration of its Annex with Nationally Determined Parameters, Engineering Chamber of Montenegro (IKCG) and Institute for Standardisation of Montenegro (ISME), 2013
- Member of Expert Team for translation of EN 1991-1-3 and elaboration of its Annex with Nationally Determined Parameters, Engineering Chamber of Montenegro (IKCG) and Institute for Standardisation of Montenegro (ISME), 2013
- Member of Expert Team for translation of EN 1991-1-5 and elaboration of its Annex with Nationally Determined Parameters, Engineering Chamber of Montenegro (IKCG) and Institute for Standardisation of Montenegro (ISME), 2013
- Member of Expert Team for translation of EN 1992-1 and elaboration of its Annex with Nationally Determined Parameters, Engineering Chamber of Montenegro (IKCG) and Institute for Standardisation of Montenegro (ISME), 2016-2017
- Member of Expert Team for translation of EN 1996-1-1 and elaboration of its Annex with Nationally Determined Parameters, Engineering Chamber of Montenegro (IKCG) and Institute for Standardisation of Montenegro (ISME), 2016-2017
- Member of Expert Team for translation of EN 1996-3 and elaboration of its Annex with Nationally Determined Parameters, Engineering Chamber of Montenegro (IKCG) and Institute for Standardisation of Montenegro (ISME), 2016-2017
- Member of Expert Team for translation of EN 1992-1-2 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2017-2018
- Member of Expert Team for translation of EN 1991-2 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2018
- Member of Expert Team for translation of EN 1992-2 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2018
- Member of Expert Team for translation of EN 1996-1-2 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2018
- Member of Expert Team for translation of EN 1996-2 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2018
- Member of Expert Team for translation of EN 1998-2 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2018
- Member of Expert Team for translation of EN 1998-4 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2019
- Member of Expert Team for translation of EN 1998-6 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2019
- Member of Expert Team for translation of EN 1991-3 and elaboration of its Annex with Nationally Determined Parameters, Faculty of Civil Engineering (FCE) and Institute for Standardisation of Montenegro (ISME), 2019

Publications
(journals)

Papers in international journals (SCI/SCIE list):

- Baša N, Ulićević M, Zejak R: "Experimental Research of Continuous Concrete Beams with GFRP Reinforcement", *Advances in Civil Engineering*, Article ID 6532723, 2018., 16 pages.
<https://doi.org/10.1155/2018/6532723>
- Baša N, Kopitović Vuković N, Ulićević M, Muhadinović M: "Effects of Internal Forces Redistribution on the Limit States of Continuous Beams with GFRP Reinforcement", *Applied Sciences*, 2020, 10(11), 3973, 23 pages.
- Beljkaš Ž, Baša N: "Neural Networks – Deflection Prediction of Continuous Beams with GFRP Reinforcement", *Applied Sciences*, 2021, 11(8), 3429, 15 pages.

National journals:

- Baša N, Radovanović Ž, Sindić Grebović R, Serdar N: "Evropski standard EN 1991-1-1 - Opšta dejstva - Zapreminske težine, sopstvena težina, korisna opterećenja za zgrade", časopis Inženjerske komore, Podgorica, jul 2014.god.
- Radovanović Ž, Baša N, Sindić Grebović R., Serdar N.: "Evropski standard EN 1991-1-5 - Termička dejstva - Termička dejstva na zgrade, časopis Inženjerske komore", Podgorica, jul 2014.god.

Publications
(conference papers)

International conferences:

- Ulićević M, Baša N: "Prikaz konstrukcije otvorene nadzemne garaže tržnog centra «DELTA CITY» u Podgorici", Internacionalni naučno-stručni skup Građevinarstvo - nauka i praksa, GNP 2008, Žabljak, 2008.god.
- Baša N, Ulićević M: "Analiza uticaja popuštanja veza na seizmički odgovor montažne AB ramovske konstrukcije", Internacionalni naučno-stručni skup Građevinarstvo - nauka i praksa, GNP 2010, Žabljak, 2010.god.
- Baša N: "Uporedna analiza metoda proračuna vremenskih deformacija po Evrokodu 2 i odabranih propisa", Internacionalni naučno-stručni skup Građevinarstvo - nauka i praksa, GNP 2014, Žabljak, 2014.god.
- Baša N, Ulićević M, Zejak R: "Preraspodjela uticaja u kontinualnim gredama armiranim FRP armaturom", Simpozijum društva građevinskih konstruktora Srbije, Zlatibor, septembar 2016.god.
- Baša N, Ulićević M, Zejak R: "The response analysis of continuous beams with FRP reinforcement", 1st International conference Construction materials for sustainable future, Zadar, Croatia, april 2017. god.
- Kopitović Vuković N, Zejak R, Jevrić M, Baša N: "Rheological model of FRP reinforced concrete", The seventh International Conference – Civil Engineering – Science and Practice, Kolašin, March 2020.
- Kopitović Vuković N, Baša N, Zejak R, Jevrić M: "Reološka jednačina za model betona armiranog FRP armaturom", X International Conference on Social and Technological Development, Trebinje, jun 2021.
- Kopitović Vuković N, Zejak R, Jevrić M, Baša N: "Deflection calculation of RC T-beams externally strengthened with carbon material", The eighth International Conference – Civil Engineering – Science and Practice, Kolašin, March 2022.
- Baša N, Furtula J, Bojović V, Ognjenović D, Đurović R: "Ispitivanje mostova probnim opterećenjem na Autoputu Bar-Boljare", 16. Kongres društva građevinskih konstruktora Srbije, Aranđelovac, septembar 2022.
- Baša N, Muhadinović M: "Pješački most preko rijeke Morače u Podgorici", 16. Kongres društva građevinskih konstruktora Srbije, Aranđelovac, septembar 2022.

Engineering projects (professional experience)

Buildings – Design:

"Main Design of Structure of Shopping Mall DELTA CITY in Podgorica", (CDS Project d.o.o. Podgorica, Precast RC Structure, 35000 m², June 2006); designer

"Main Design of Structure of Business Building in Bar", (CDS Project d.o.o. Podgorica, Precast RC Structure, 2100 m², March 2007); designer

"Main Design of Structure of Residential-Business Building Babin Do in Budva", (CDS Project d.o.o. Podgorica, RC Structure, 4000 m², January 2008); designer

"Main Design of Reconstruction of Palace Smekja in Perast", (CDS Project d.o.o. Podgorica, Masonry Structure, 4000 m², December 2007); designer

"Main Design of Structure of Residential Building in Cetinje", (CDS Project d.o.o. Podgorica, RC Structure, 2600 m², July 2008); designer

"Main Design of Structure of EKO Building of United Nations in Podgorica", (CDS Project d.o.o. Podgorica, RC Structure, 1500 m², September 2008); designer

"Main Design of Structure of Residential-Business Building Norma in Budva", (CDS Project d.o.o. Podgorica, RC Structure, 6100 m², November 2010); designer

"Main Design of Structure of Residential-Business Building in Budva", (CDS Project d.o.o. Podgorica, RC Structure, 6000 m², October 2011); designer

"Main Design of Structure of Green Market and Shopping Mall Building in Podgorica", (CDS Project d.o.o. Podgorica, RC Structure, 15000 m², June 2011); designer

"Preliminary Design of Structure of Hotel HILTON in Podgorica - Reconstruction and Upgrade of Hotel CRNA GORA", (CDS Project d.o.o. Podgorica, RC Structure, 32000 m², November 2010 - June 2011); designer

"Main Design of Structure of Hotel HILTON in Podgorica - Reconstruction and Upgrade of Hotel CRNA GORA", (CDS Project d.o.o. Podgorica, RC Structure, 32000 m², July 2011 - February 2012); designer

"Main Design of Structure of Hotel HILTON in Podgorica - Reconstruction and Upgrade of Hotel CRNA GORA, Business Center and Technical Block - Changes and Additions", (RC Structure, 9200 m², December 2013); designer

"Main Design of Structure of Residential Building in Podgorica, UP7 DUP Spomen Park Kruševac", (CDS Project d.o.o. Podgorica, RC Structure, 4100 m², April 2012); assistant designer

"Main Design of Structure of Residential Building with Activities in Podgorica, UP5 DUP Radoje Dakić, lamella 5-1 and 5-2", (CDS Project d.o.o. Podgorica, RC Structure, 10000 m², April 2013); designer

"Main Design of Structure of Residential Building with Activities in Podgorica, UP5 DUP Radoje Dakić, lamella 5-3 and 5-4", (CDS Project d.o.o. Podgorica, RC Structure, 8000 m², October 2013); designer

"Main Design of Structure of Residential Building with Activities in Podgorica, UP5 DUP Radoje Dakić, lamella 5-11 and 5-12", (CDS Project d.o.o. Podgorica, RC Structure, 8000 m², October 2013); assistant designer

"Main Design of Structure of Residential Building with Activities in Podgorica, UP5 DUP Radoje Dakić, lamella 5-17 and 5-18", (CDS Project d.o.o. Podgorica, RC Structure, 8000 m², April 2014); designer

"Main Design of Structure of Residential Building with Activities in Podgorica, UP5 DUP Radoje Dakić, lamella 5-21 and 5-22", (CDS Project d.o.o. Podgorica, RC Structure, 8000 m², April 2014); designer

"Main Design of Structure of Residential Building with Activities in Podgorica, UP5 DUP Radoje Dakić, lamella 5-19 and 5-20", (CDS Project d.o.o. Podgorica, RC Structure, 9000 m², Jun 2015); designer

"Main Design of Structure of Business-Commercial Building BUSINESS CITY in Podgorica", (CDS Project d.o.o. Podgorica, RC Structure, 10000 m², October 2014); responsible designer

"Main Design of Remediation and Strengthening of the Existing Structure of the Hotel "Montenegro Stars" in Bečići", (CDS Project d.o.o. Podgorica, RC Structure, 2000+2000 m², December 2019); chief designer

"Main Design of Reconstruction of the Hotel "Montenegro Stars" in Bečići - Upgrade of Lamella 4 with Technical Facility", (CDS Project d.o.o. Podgorica, RC Structure, 5000 m², April 2021); chief designer

Buildings – Expert Reports and Elaborates:

"Elaborate on Testing the Quality of Concrete and Existing Structure of Hotel HILTON in Podgorica - Reconstruction and Upgrade of Hotel CRNA GORA" (CDS Project d.o.o. Podgorica, RC Structure, February 2012); engineer of work team

"Elaborate on Testing the Quality of Concrete and Existing Structure of the Hotel "Montenegro Stars" in Bečići " (CDS Project d.o.o. Podgorica, RC Structure, November 2019); chief engineer

"Elaborate on the Possibility of Upgrading the Hotel "Princess" in Bar", (CDS Project d.o.o. Podgorica, RC Structure, 14000+4000 m², February 2020); chief engineer

Buildings – Construction:

"Shopping Mall DELTA CITY in Podgorica", (CDS Project d.o.o. Podgorica, Precast RC Structure, 35000 m², June 2006-September 2008); supervisor

"Residential-Business Building UNIVERZITETSKI CENTAR - Podgorica", (University of Montenegro, RC Structure, 50000 m², August 2008 - October 2009); supervisor

"Residential Building Babin Do in Budva", (CDS Project d.o.o. Podgorica, RC Structure, 2500 m², May 2006 - June 2007); supervisor

"Residential Building Babin Do in Budva", (CDS Project d.o.o. Podgorica, RC Structure, 4500 m², February 2008 - May 2009); supervisor

"Residential-Business Building NORMA in Budva", (CDS Project d.o.o. Podgorica, RC Structure, 6100 m², December 2010 - February 2012); supervisor

Engineering projects (professional experience - cont)

Bridges – Design:

"Conceptual Design of the Bridge M5 of Highway Bar-Boljare, section Smokovac-Uvač", ((Faculty of Civil Engineering in Podgorica, Institute for Civil Engineering, April 2008); assistant designer

"Conceptual Design of the Bridge M8 of Highway Bar-Boljare, section Smokovac-Uvač", ((Faculty of Civil Engineering in Podgorica, Institute for Civil Engineering, April 2008); assistant designer

"Conceptual Design of the Bridge M10 of Highway Bar-Boljare, section Smokovac-Uvač", ((Faculty of Civil Engineering in Podgorica, Institute for Civil Engineering, April 2008); assistant designer

"Conceptual Design of the Bridge M13 of Highway Bar-Boljare, section Smokovac-Uvač", ((Faculty of Civil Engineering in Podgorica, Institute for Civil Engineering, April 2008); assistant designer

"Performing Construction Design of the Extension of the Bridge over the River Zeta in Vranjske Njive in Podgorica", (CDS Project d.o.o. Podgorica, September 2009); designer

"Performing Construction Design of the Underpass, By-pass Podgorica - IV section ", (CDS Project d.o.o. Podgorica, August 2009); designer

"Main Construction Design of the Bridge on Ribnica Left and Right (RC/PT Structure – Left Bridge L=24+8*30+24=288m – Right Bridge L=24+8*28+24=288m), By-pass Podgorica - II section ", (CDS Project d.o.o. Podgorica, March 2010); designer

"Main Construction Design of the Underpass MAGISTRALA, By-pass Podgorica - II section ", (CDS Project d.o.o. Podgorica, June 2010); designer

"Main Construction Design of the Bridge over Savin Stream, By-pass Podgorica - II section ", (CDS Project d.o.o. Podgorica, June 2010); designer

"Main Design of the Bridge ĐURIČEV LAZ - Left and Right (RC/PT Structure – Left Bridge L = 22+11*28+22=352m – Right Bridge L = 22+10*28+22=324m), Highway Bar-Boljare, section Smokovac-Matešev", (Frame Project d.o.o. Podgorica, July 2016); designer

"Main Design of the Bridge RATKOV LAZ - Left and Right (RC/PT Structure – Left Bridge L = 22+11*28+22=352m – Right Bridge L = 22+10*28+22=324m), Highway Bar-Boljare, section Smokovac-Matešev", (Frame Project d.o.o. Podgorica, July 2016); chief designer

"Main Design of the Bridge LUTOVO - Left and Right (RC/PT Structure – Left Bridge L = 22+6*28+22=212m – Right Bridge L = 22+3*28+22=128m), Highway Bar-Boljare, section Smokovac-Matešev", (Frame Project d.o.o. Podgorica, July 2016); designer

"Main Design of the Bridge PELEV BRIJEG (RC/PT Structure – L = 22+2*28+22=100m), Highway Bar-Boljare, section Smokovac-Matešev", (Frame Project d.o.o. Podgorica, July 2016); chief designer

"Main Design of the Overpass KISJELICA (RC/PT Structure – L = 26+26=52m), Highway Bar-Boljare, section Smokovac-Matešev", (Frame Project d.o.o. Podgorica, July 2016); designer

"Main Design of Culverts (10 Culverts), Highway Bar-Boljare, section Smokovac-Matešev", (Frame Project d.o.o. Podgorica, July 2016); designer

"Main Design of the Bridge over the river Morača LUČA (RC/PT Structure – L = 75+75=150m), Southwest bypass around Podgorica - section II", (CDS Project d.o.o. Podgorica, December 2018); designer

"Main Design of the FootBridge over the river Morača (Steel and RC Structure – L = 18.9+75.6+18.9=113.4m)", (Frame Project d.o.o. Podgorica, October 2019); chief designer

"Preliminary Design of the Bridge 1 BRATEŠIĆI 1 (RC/PT Structure – L = 22+28+22=72m), Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

"Preliminary Design of the Bridge 2 BRATEŠIĆI 2 (RC/PT Structure – L = 22+28+22=72m), Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

"Preliminary Design of the Bridge 5 RAKITA - Left and Right (RC/PT Structure – Left Bridge L=22+4*28+22=156m – Right Bridge L=22+4*28+22=156m), Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

"Preliminary Design of the Bridge 6 KRALJ 1 - Left and Right (RC/PT Structure – Left Bridge L=22+6*28+22=212m – Right Bridge L=22+8*28+22=268m), Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

"Preliminary Design of the Bridge 7 KRALJ 2 - Left and Right (RC/PT Structure – Left Bridge L=22+4*28+22=156m – Right Bridge L=22+4*28+22=156m), Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

"Preliminary Design of the Bridge 8-2 DRENOVŠTICA – Left (RC/PT Structure – L = 100+202+100=402m), Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

"Preliminary Design of the Underpass 1 TREBALJEVINA, Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

"Preliminary Design of the Underpass 2 KULJAČE, Budva bypass, middle section ", (CDS Project d.o.o. Podgorica, January 2022); chief designer

Bridges – Construction:

"The Extension of the Bridge over the River Zeta in Vranjske Njive in Podgorica", (CDS Project d.o.o. Podgorica, September 2009 - March 2010); supervisor

Engineering projects (professional experience - cont)

Bridges – Test Load, Expert Reports, Elaborates and Inspection:

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge MORAČICA (RC/PT Structure – $L=95+170+3*190+125=960m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge MIŠTICA - Left (RC/PT Structure – $L=21+5*26+21=172m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge MIŠTICA - Right (RC/PT Structure – $L=21+7*26+21=224m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge RAMP 1 (RC/PT Structure – $L=22+3*28+22=128m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge RAMP 2 MV1 (RC/PT Structure – $L=2*21+3*26+3*21=183m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge RAMP 2 MV2 (RC/PT Structure – $L=22+4*28+22=156m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge RAMP 3 (RC/PT Structure – $L=9*20=180m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge RAMP 4 (RC/PT Structure – $L=22+3*28+22=128m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge ZAGRAĐE- Left (RC/PT Structure – $L=22+2*28+22=100m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge ZAGRAĐE - Right (RC/PT Structure – $L=21+4*26+21=146m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge PODOVI (RC/PT Structure – $L=21+5*26+21=172m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge ČESTOGAZ - Left (RC/PT Structure – $L=21+2*26+21=94m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge ČESTOGAZ - Right (RC/PT Structure – $L=21+2*26+21=94m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 1 - Left (RC/PT Structure – $L=24+8*30+24=288m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 1 - Right (RC/PT Structure – $L=24+10*30+24=348m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 2 - Left (RC/PT Structure – $L=4*40=160m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 2 - Right (RC/PT Structure – $L=4*40=160m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 3 - Left (RC/PT Structure – $L=21+4*26+21=146m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 3 - Right (RC/PT Structure – $L=21+2*26+21=94m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 4 – Left 1 (RC/PT Structure – $L=21+2*26+21=94m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 4 – Left 2 (RC/PT Structure – $L=35+47+4*45+6*45+4*45+40=752m$), Highway Bar-Boljare, section Smokovac-Matešev", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

Engineering projects (professional experience - cont)

Bridges – Test Load, Expert Reports, Elaborates and Inspection:

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge UVAČ 4 – Right (RC/PT Structure – $L=40+6*45+8*45+4*45+40=890m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge PAJKOV VIR - Left (RC/PT Structure – $L=21+2*26+21=94m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge PAJKOV VIR - Right (RC/PT Structure – $L=21+3*26+21=120m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge PRESLO (RC/PT Structure – $L=21+26+21=68m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge JABUKA - Left 1 (RC/PT Structure – $L=22+28+22=72m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge JABUKA - Left 2 (RC/PT Structure – $L=24+9*28+25+25+8*28+24=574m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge JABUKA - Right (RC/PT Structure – $L=24+6*28+24+24+5*28+23+24+5*28+24+24+5*28+24=779m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge TARA 1 - Left (RC/PT Structure – $L=28+2*34+42+2*34+28=234m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge TARA 1 - Right (RC/PT Structure – $L=28+2*34+42+2*34+28=234m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge TARA 2 - Left (RC/PT Structure – $L=22+8*28+22+22+5*28+22=452m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge TARA 2 - Right (RC/PT Structure – $L=22+6*28+22+22+5*28+22=396m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); chief engineer

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge ČVOR MATEŠEVO 1 (RC/PT Structure – $L=34m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge ČVOR MATEŠEVO 2 (RC/PT Structure – $L=24+4*32+24=176m$), Highway Bar-Boljare, section Smokovac-Mateševo", (CRBC/Optimus Project d.o.o. Podgorica, August 2021 – January 2022); engineer of work team

"Test Load and Elaborate of the Test Load – Test Design and Expert Report – of the Bridge LUČA over the River Morača (RC/PT Structure – $L=75+75=150m$), Southwest bypass around Podgorica - section II", (CDS Project d.o.o. Podgorica, June 2021); engineer of work team

"Expert Report of Inspection of Two Bridges in the Zone of Construction of the Highway Bar-Boljare section Smokovac-Mateševo, (RC Structure – $L=14.5m - L=22.5+26+22.5=71m$)", (Ministry of Capital Investments, October 2021); engineer of work team

Engineering projects (professional experience - cont)

Marine objects – Design:

- "Preliminary Design of Structure of Marine in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, September 2009); designer
- "Main Design of Recovery of Structure of Jetty 1 Marine in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, September 2009); designer
- "Main Design of Structure of Jetty 3 Marine PORTO MONTENEGRO in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, March 2010); designer
- "Main Design of Structure of Jetty 4 Marine PORTO MONTENEGRO in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, March 2010); designer
- "Main Design of Structure of Town Quay Marine PORTO MONTENEGRO in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, March 2010); designer
- "Main Design of Structure of Extension of Jetty 3, Jetty Pn and Jetty Ps Marine PORTO MONTENEGRO in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, April 2013); designer
- "Main Design of Structure of Extension of Jetty 1, Jetty Bs and Jetty F Marine PORTO MONTENEGRO in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, May 2013); designer
- "Design of Maintenance of Structure of Extension of Jetty 3, Jetty Pn and Jetty Ps Marine PORTO MONTENEGRO in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, April 2015); designer
- "Design of Maintenance of Structure of Extension of Jetty 1, Jetty Bs and Jetty F Marine PORTO MONTENEGRO in Tivat", (CDS Project d.o.o. Podgorica, Precast RC Structure, April 2015); designer

Marine objects – Expert Reports and Elaborates:

- "Elaborate on Testing the Quality of Concrete and Preparation of the Design of the Constructed Condition of the Structure of the Jetty 1 in Marina in Tivat" (CDS Project d.o.o. Podgorica, Precast RC Structure, August 2009); engineer of work team
- "Elaborate of the Existing Condition with the Proposal of Remedial Measures of the Breakwater of the Port "Škver" in Herceg Novi" (Optimus Project d.o.o. Podgorica, RC Structure, January 2021); chief engineer

Other engineering objects – Design:

- "Main Design of Structure of Chimney with fans, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of Swimming Pool Water Continuous-Casting, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of Swimming Pool with Cooling Towers, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of Electrical Facility Water Treatment Plants, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of Booths for Dusting with Foundation, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of Plant for Continuous Casting, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of the Foundation of the Furnace with the Casting Pit, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of the Foundation System for Dusting, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Verification of Bearing Capacity and Strengthening of Substation Furnace, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of the Control Room, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2009); designer
- "Main Design of Structure of the Foundation of Rotary Furnace, Željezara Nikšić", (Erlang d.o.o. Podgorica, RC Structure, December 2013); designer