

PERSONAL INFORMATION

Biljana Ivanovic



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Sex female | Nationality Montenegrin

WORK EXPERIENCE

2023 - today

Associate Professor

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

- Associate Professor in courses from the domain of: Basic of roads, Planning and design of Urban and Rural Roads
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2018 - 2023

Assistant Professor

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

- Assistant Professor in courses from the domain of: Basic of roads, Planning and design of Urban and Rural Roads
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2015 - 2018

Associate Assistant

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

- Associate Assistant in courses from the domain of: Basic of roads, Planning and design of Urban and Rural Roads
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2015 - 2018

Associate Assistant

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

- Associate Assistant in courses from the domain of: Basic of roads, Planning and design of Urban and Rural Roads
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2000 - 2015

Assistant Lecturer

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

- Assistant Lecturer in courses from the domain of: Basic of roads, Planning and design of Urban and Rural Roads
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

1994 - 2000 Teaching Assistant

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

- Teaching Assistant in courses from the domain of: Basic of roads, Planning and design of Urban and Rural Roads
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

EDUCATION AND TRAINING

2006 - 2016 PhD (Dr – Doctor)

EQF level 8

Faculty of Civil Engineering, University of Montenegro (Montenegro)

- Specialisation: Roads
- PhD Thesis: The quantification of factors of required length overtaking sight to the expected speed in the free flow of double lane road in the boundary condition Montenegro

1996 - 2000 MSc (Mr – Magistar)

EQF level 7

Faculty of Civil Engineering, University of Belgrade (Serbia)

- Specialisation: Urban and rural roads
- Structure: 9 courses/exams (4 semesters) + MSc Thesis
- MSc Thesis: Ergonomic driver factors in the design of roads

1987 - 1993 BSc (Dipl.Ing)

EQF level 6

Faculty of Civil Engineering, University of Montenegro (Montenegro)

- Specialisation: Roads
- Structure: 34 courses/exams (8+1 semesters) + Final/Diploma project (1 semester)
- Final/Diploma project: Organization of construction in roads

PERSONAL SKILLS

Mother tongue(s) Montenegrin

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient use
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication skills gained through teaching experience,
- Good ability to adapt to new environment and to cooperate with new people.

Organisational / managerial skills

- **Leadership/managerial/organisational experience as:**
 - Head of engineering design teams - responsible and/or principal design engineer for the most important projects in the field of roads in Montenegro (teams of 5-30 people)
- **Managerial/organisational experience as:**
 - Member of the Council for planning of the Ministry of Sustainable Development and Tourism of Montenegro
 - Member of the State review panel for Main design of highway Bar-Boljare, section Smokovac-Matešev

Computer skills

- excellent command of Microsoft Office™ tools
- excellent command of AutoCAD™ and Gavran Civil Modeler™-design of roads software

Other skills

- Professional skills:
- rich experience in planning and design of roads
- Hobbies and interests:
- skiing
 - reading,
 - cooking,
 - travelling.

Driving licence

B

ADDITIONAL INFORMATION

Honours and awards

- diploma "Luča I" in elementary and high school

Memberships *Professional organisations and associations:*

- Engineering Chamber of Montenegro (IKCG)

Professional bodies:

- Member of the Council for planning of the Ministry of Sustainable Development and Tourism of Montenegro
- Member of the State review panel for Main design of highway Bar-Boljare, section Smokovac-Mateševo

Papers in international journals (SCI/SCIE list):

- Publications (journal and monograph papers;
- conference papers)

- Ivanović B., Garunović N. & Tomanović Z.: "Research on the length of passing distance in the real traffic flow", Građevinar, Paper ID: 1062-2014
- Ivanović, B.; Mitrović Simić, J.; Bogdanović, V.; Mirović, V.; Kumar Das, D.; Jakovljević, V. (2022): A Novel Integrated Model under Fuzzy Environments as Support for Determining the Behavior of Pedestrians at Unsignalized Pedestrian Crossings. Mathematical Problems in Engineering, Volume 2022 | Article ID 8118952
- Ivanović, B.; Saha, A.; Stević, Ž.; Puška, A.; Zavadskas, E.K. (2022): Selection of truck mixer concrete pump using novel MEREC DN MARCOS model. Archives of Civil and Mechanical Engineering (2022) 22:173

Papers in journals with regular international distribution:

- Tomanović Z., Ivanović B., Živaljević S (2012) „Gorica tunnel as an option for traffic improvements in Podgorica“ Under city Colloquium on Using Underground Space in Urban Areas in South-East Europe, April 12-14, 2012, Dubrovnik, Croatia pp.22-23 (elektromska verzija 6 starana) ISBN 978-953-55728-6-2
- Bogdanović V., Saulić N., Ruškić N., Ivanović B., Ilin V.: "Analiza karakteristika vremenskog intervala sledenja na semaforizovanim raskrsnicama", Put i saobraćaj br.1, Beograd, 2013.
- Ivanović B.: PODGORICA-A HUMAN CITY, 4th International Conference | "Towards a Humane City", 554:3-9, ISBN 978-86-7892-541-2, Izdavač: Department for traffic engineering Faculty of technical sciences University Novi Sad, 2013.
- Bogdanović V., Ruškić N., Ivanović B., Dragić D.: USLOVI ODVIJANJA SAOBRAĆAJA NA NESTANDARDNOJ NESIGNALISANOJ RASKRSNICI, IV savjetovanje sa međunarodnim učešćem MOBILNOST I SIGURNOST CESTOVNOG PROMETA, ISSN 2232-8807, Travnik, 2013.
- Ivanović B., Basarić V., Garunović N., Mitrović Simić J. / Saulić N., „Istraživanje brzina u preticanju“, Put i saobraćaj, t. 60, br. 1, pp. 39-43, 2014.
- 4th International Conference | "Towards a Humane City", Program Committee Members, ISBN 978-86-7892-541-2, Izdavač: Department for traffic engineering Faculty of technical sciences University Novi Sad, 2013.
- Bogdanović V., Ruškić N., Basarić V., Glavić D., Ivanović B., Garunović N.: MODEL PRORAČUNA PRETICAJNE PREGLEDNOSTI, tehničko rešenje, Novi Sad 2015.
- Maric M., Gračanin D., Zogović N., Ruškić N. & Ivanović B.: PARKING SEARCH OPTIMIZATION IN URBAN AREA, International Journal of Simulation Modelling, Paper ID: ISSN 1726-4529, 16(2017)2, 195-206
- Ivanović B., Mirković K., Šćepanović D., Mijoski G., "Standard Vehicle In Real Traffic Conditions In Montenegro", Second Macedonian Road Congress, 2-4 November 2022

Monograph papers:

- Ivanović B.: "The height of the drivers eye in designing the roads", Monograph on the occasion of 20th anniversary of the Faculty of Civil Engineering, University of Montenegro, Podgorica, 2000, p.

International conferences:

- Ivanović, B. : "Experimental research of the height of the drivers eye and its application in designing the roads", Proceeding of Yugoslav scientific meeting ERGONOMIC, Belgrade,
- Tomanović Z., Ivanović B., Živaljević S (2012) „Gorica tunnel as an option for traffic improvements in Podgorica“ Under city Colloquium on Using Underground Space in Urban Areas in South-East Europe, April 12-14, 2012, Dubrovnik, Croatia pp.22-23 (ISBN 978-953-55728-6-2

- Bogdanović V., Ruškić N., Ivanović B., Dragić D.: "Uslovi odvijanja saobraćaja na nestandardnoj nesignalisanoj raskrsnici", 4th counseling with international participation: Mobility and safety of road, Travnik, 2013.

Engineering projects
(professional experience)

Design:

"Preliminary Design of Highway Bar-Boljare, section Smokovac-Uvač" (Faculty of Civil Engineering in Podgorica, Institute for Civil Engineering, March-May 2008); head designer and designer in charge

"Main design of all phases bypass of Podgorica" (Faculty of Civil Engineering in Podgorica, Via Project, 2005-2010); head designer and designer in charge

"Main design of reconstruction of trunk road M2.3 Cetinje Budva, section Brajici-Lapcici", Via Project, 2016. head designer and designer in charge

"Preliminary Design of expressway" - Mediterranean Corridor, Montenegro – Croatia – Albania R1 Road Interconnection Budva Bypass, Montenegro, 2021-2022 Western Balkan Investment Framework (WBIF) Infrastructures Projects Facility Technical Assistance 7 (IPF7), Via Project, 2022. head designer and designer in charge