

PERSONAL INFORMATION

Katarina Mirković



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Sex Female | Date of birth 20 August 1964 | Nationality Montenegrin

WORK EXPERIENCE

2009 - present

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: Pavement Structure, Pavement Management and Maintenance, Road Design - basic course, Design of Urban Roads – basic course, Design of Railway Lines, Railway Stations, Railway Superstructure
- Co-supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2006-2009

Technical Manager

KABA Inzenjering
 Podgorica, Montenegro

- Responsible for implementation and supervision of construction/reconstruction/adaptation of business-buildings including access roads and infrastructure preparation and management.

2002-2006

Standalone Adviser

The Government of Montenegro - Direktorat for Highways in Montenegro (now is called 'Monteput') [www.monteput.me]
 Podgorica, Montenegro

- Standalone adviser from the domain of road construction and pavement structure
- Expert Supervision team Leader - construction of the Southern access road to Tunnel Sozina and material source
- Expert Supervision team member - construction of the Tunnel Sozina, Tunnel Ras and Northern access road

1997-2002

Project manager

KABA Inzenjering
 Podgorica, Montenegro

- Responsible for constructing access roads to base stations for mobile telephony needs

1994-1997

Project manager

Mimi mediteran
 Podgorica, Montenegro

- Responsible for the reconstruction of company facilities

EDUCATION AND TRAINING

- 2010 - 2019 **PhD** EQF level 8
 Faculty of Civil Engineering, University of Montenegro (Montenegro)
 ▪ Specialisation: Roads and urban roads - Pavement construction
 ▪ Structure: 5 courses/exams (4 semesters) + PhD Thesis
 ▪ PhD Thesis: Fly ash Application in Asphalt Mixtures
- 2006 - 2010 **MSc (Mr – Magistar)** EQF level 7
 Faculty of Civil Engineering, University of Montenegro (Montenegro)
 ▪ Specialisation: Roads and urban roads - Pavement Construction
 ▪ Structure: 5 courses/exams (4 semesters) + MSc Thesis
 ▪ MSc Thesis: Design methods of hot asphalt mixture for flexible pavement
- 1983 - 1993 **BSc (Dipl.Ing)** EQF level 6
 Faculty of Civil Engineering, University of Montenegro (Montenegro)
 ▪ Specialisation: Roads, urban roads and railroads
 ▪ Structure: 34 courses/exams (8+1 semesters) + Final/Diploma project (1 semester)
 ▪ Final/Diploma project: Preliminary Design of the main road in Rijeka Cmojevića

PERSONAL SKILLS

Mother tongue(s) Montenegrin

	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 user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ Good communication skills gained through teaching experience and through communication with associates at different levels and different areas of civil engineering.

Organisational / managerial skills ▪ Good management skills developed during the years of the period performing the responsible supervision positions.

Computer skills ▪ Excellent command of Microsoft Office™ tools.
 ▪ Good command of AutoCAD™ and stress and strain analysis programs BISAR, SPDM and BANDS 2/1998

Other skills Professional skills:
 ▪ Familiar with laboratory techniques and methods,
 ▪ Experience in experimental testing of asphalt mixtures and associated materials.

Hobbies and interests:
 ▪ skiing, swimming,
 ▪ Tai Chi and Qigong,
 ▪ Reading area - development of the consciousness.
 ▪ Travelling.

Driving licence A, B

ADDITIONAL INFORMATION

Memberships

Professional organisations and associations:

- Engineering Chamber of Montenegro (IKCG) - Authorization to Create Projects for Transportation Facilities (roads, city roads, railways, airport runways) and Authorization for Implementation Management Building and Craft Works on the Facilities of Roads and Tunnels
- Association Evaluators of Montenegro - Licensed Real Estate Values Leading Appraiser

Professional bodies

- State Review Commission of Main design of highway Bar – Boljare, section Smokovac – Mateševo.
- State Review Commission of Preliminary design of highway Bar – Boljare, section Mateševo - Andrijevica.
- State Review Commission of Preliminary design of highway Bar – Boljare, section Smokovac – Farmaci.

Publications

(journal and monograph papers;
invited lectures/papers)

Papers in international journals (SCI/SCIE list):

- Mirković K., Tošić N. and Mladenović G., “Effect of Different Types of Fly Ash on Properties of Asphalt Mixtures”, *Advanced in Civil Engineering*, Volume 2019, Article ID 8107264, 11 pages
- Radović N., Mirković K., Šešlija M., Peško I. “Output and Performance Based Road Maintenance Contracting – Case Study Serbia”, *Tehnički vjesnik*, Volume 21 No.3 Jun 2014. (ISSN 1330-3651)

Papers in international journals:

- Božović I., Mirković K., “Overview of methods of application of waste car tires in the production of asphalt mixtures and the possibility of application in Montenegro”, *Scientific Journal of Road and Traffic Engineering –Journal of Serbian Road Association* No.3 Jun-July, 2021, pp---, ISSN 0478-9733
- Radovanović Ž., Mirković K., „Possibilities of Using Fly Ash from TPP “Pljevlja” in from Composites for Strengthening Masonry Structures”, *The 7TH International Conference "Civil Engineering - Science and Practice"*, GNP 2020 – Kolašin, Montenegro, 10 -14 March 2020
- Mirković K., Mladenović G., “Testing of Fly Ash Properties for the Application in Asphalt Mixtures” – *The 5th Scientific-Expert Meeting “Road and Environment”*, September 2017
- Mirković K., Mladenović G., “Characteristics of Asphalt Mixtures Ac11s with Fly Ash”, *The 5th Scientific-Expert Meeting “Road and Environment”*, September 2017
- Mirković K., Mladenović G., “Fly Ash Impact on Characteristics of Asphalt Mixtures”, *Scientific Journal of Road and Traffic Engineering –Journal of Serbian Road Association* No.3 July - September, 2017, pp35-46, ISSN 0478-9733

Engineering projects (professional experience - Design)

- “Mein Design of Pavement Construction - Reconstruction of Main Road Kolasin – Mojkovac; responsible designer for pavement construction, (2018, CEI for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction
- “Mein Design of Pavement Construction - Reconstruction of Main Road M-2, the section: km Ribarevine - Poda” L= 14,7 km. (2015, GNLI for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction
- “Mein Design of Pavement Construction - Reconstruction of Main Road M-2.3, the section: Podgorica - Cetinje, site Kamenica - Meterizi - Jankovića krš – Ulići” L=12,5 km (2015, GNLI for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction

- *“Mein Design of Pavement Construction - Reconstruction of Main Road M-2.3, the section: Cetinje- Budva, site Braići – Lapčiči” L=5,4 km. (2015, Via Project for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction*
- *“Mein Design of Pavement Construction - Reconstruction of Main Road M-2.3, the section: Cetinje- Budva, site Uličići – Kružni tok Cetinje – Ugnji” L=5,9 km. (2015, Via Project for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction*
- *“Mein Design of Pavement Construction - Reconstruction of Main Road M-2.3, the section Podgorica - Cetinje, site Kokoti - Barutana – Kamenica” L=4,2 km. (2015, GNLI for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction*
- *“Mein Design of Pavement Construction - Reconstruction of Main Road M-2.3, the section Podgorica - Cetinje, site Tunnel „Mekavac“ L= 0,5 km. (2015, Via project for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction*
- *“Mein Design of Pavement Construction - Reconstruction of Main Road M-2.3 Cetinje - Budva, the section Obzovica – Brajići” L= 4,0 km. (2015, Via Project for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction*
- *“Mein Design of Pavement Construction - Reconstruction of Main Road M-2, the section: Mojkovac – Ribarevina, site Slijepac most” L= 2,0 km. (2014, Saobraćaj inženjering for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction*
- *“Mein Design of Pavement Construction - Reconstruction of Main Road M-2, the section: Mojkovac – Ribarevina, site Lepenac” L= 2,2 km. (2014, Saobraćaj inženjering for needs The Government of Montenegro - Traffic Directorate Podgorica), responsible designer for pavement construction*

Engineering projects
(professional experience -
- Technical reviews)

- *“Technical Review of Preliminary Design of Pavement Construction of highway Bar – Boljare, section Mateševo - Andrijevića”, from 2020 to further*
- *“Technical Review of Preliminary Design of Pavement Construction of highway Bar – Boljare, section Smokovac - Farmaci”, from 2020 to further*
- *“Technical Review of Mein Design of Pavement Construction of highway Bar – Boljare, section Smokovac – Mateševo”, from 2015 to further*
- *“Technical Review of Mein Design of Pavement Construction - Reconstruction of Main Road M-2, the section: Debeli Brijeg – Tivat – Budva”, km 885+500 - km 901+500*
- *“Technical Review of Mein Design of Pavement Construction - Reconstruction of Main Road M-6, Nikšić – Vilusi, the section Kuside”*
- *“Technical Review of Mein Design of Pavement Construction - Reconstruction of Main Road M-2, Berane – Rožaje - Špiljani, the section Tunel “Lokve” – Rožaje”, km 1133+450,55 do km 1148+730,55*
- *“Technical Review of Mein Design of Pavement Construction - Reconstruction of Main Road M 2.3 Cetinje-Budva; section „Ugnji“-Third line „Obzovica“, km 35+900-km 37+300*
- *“Technical Review of Mein Design of Pavement Construction - Reconstruction of Main Road M-2 Budva – Petrovac, section: Kamenovo – Petrovac”, km 911+700 - km 923+000*

Engineering projects
(professional experience -
Supervision)

- *“Construction of the Montenegro-Albania border crossing point Zatrijebacka Cijevna-Grabon”, Member of the Supervision Commission responsible for superstructure, base and subbase of road construction, 2018.*
- *“Construction of the Montenegro-Albania border crossing point Bozaj-Hani Hot”, Member of the Supervision Commission responsible for superstructure, base and sub base of road construction, 2018.*
- *“Rehabilitation of railway line Bar-Vrbnica, Section Mijatovo Kolo (km 313+314) – Mojkovac (km321+733)”, (2011-2013 Railway Infrastructure of Montenegro, a.d. Podgorica), Member of the Supervision Commission responsible for superstructure of the railway line, 2015.*
- *“Southern Access Road to Tunnel Sozina (L=2.100m)”, (2002-2005 for needs The Government of Montenegro - Direktorat for Highways in Montenegro), Head of the Supervision Commission responsible for Road Construction*
- *“Tunnel Sozina (L=4.198m)”, (2002-2005 for needs The Government of Montenegro - Direktorat for Highways in Montenegro), Member of the Supervision Commission responsible*

- for Road Construction
- *“Tunnel Ras (L=600m)”*, (2002-2005 for needs The Government of Montenegro - Directorat for Highways in Montenegro), Member of the Supervision Commission responsible for Road Construction
 - *“Northern Sozina access road (L=15.300 m)”*, (2002-2005 for needs The Government of Montenegro - Directorat for Highways in Montenegro), Member of the Supervision Commission responsible for Road Construction

Podgorica, 25th January 2022