

PERSONAL INFORMATION

Ivana Ćipranić, born Nikolić



📍 Blaža Jovanovića 15, 81 000 Podgorica, Montenegro

☎ +382 (0)20 242 136 📠 +382 (0)69 337 888

✉ ivanac@ucg.ac.me, ivana.cipranic@me.com

Viber +382 (0)69 337 888

Sex female | Date of birth 01 April 1978 | Nationality Montenegrin

WORK EXPERIENCE

2020 - present

Assistant Professor

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

- Assistant Professor in courses in the domain of Hydraulic, Water supply, Storm and Wastewater systems
- Vice Dean for teaching (since 2019)
- Scientific research and engineering activities

2003 - 2020

Teaching Assistant

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

- Teaching Assistant in courses from the domain of Hydraulic, Water supply, Storm and Wastewater systems, Hydrology...
- Co-supervisor of Final/Diploma student projects
- Scientific research and engineering activities

2008 - present

Civil Engineer

Employing organisation:

"Nik Com" d.o.o. Nikšić [\[https://www.nikcom.me\]](https://www.nikcom.me)
 office@nikcom.me

- Founder
- Designer in area of Water Engineering
- Supervisor in area of Water Engineering
- Revisor in area of Water Engineering
- Project Manager

EDUCATION AND TRAINING

2008 - 2015

PhD (Dr – Doctor)

EQF level 8

Faculty of Civil Engineering, University of Belgrade (Serbia)

- Specialisation: Hydraulic
- Ph.D. Thesis: Methodology for the selection of optimum size of district metered areas (DMA) in water distribution systems

1996 - 2002

BSc (Dipl. Ing)

EQF level 6

Faculty of Civil Engineering, University of Montenegro (Montenegro)

- Specialisation: Hydraulic
- Structure: (9 semesters) + Final/Diploma project (1 semester)
- Final/Diploma project: Design of a water supply system municipality of Tuzi

PERSONAL SKILLS

Mother tongue(s) Montenegrin / Serbo-Croatian

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | B1 | B1 | B1 | B1 | B1 |

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, through participation in numerous conferences (national and international).

Organisational/managerial skills

- Leadership/managerial/organisational experience as:
- Head of engineering design teams - responsible and/or principal design engineer,
 - Head of supervising teams in the construction process.

Computer skills

- excellent command of Microsoft Office™ tools
- good command of AutoCAD™ and software like: EPANET, EPASWIMM...

Other skills

/

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, 1997.
- Award for the best student of the University of Montenegro, Field of the Technical Sciences, 1997.
- in elementary and high school; diploma “Luča”

International projects

- Erasmus+ Capacity Building in Higher Education project, titled: Curricula innovation in climate-smart urban development based on green and energy efficiency with the non-academic sector (SmartWB), Project: 101081724 — SmartWB — ERASMUS-EDU-2022-CBHE (2022 -)
- BORIS - Cross BOrder RISk assessment for increased prevention and preparedness in Europe, Project number 101004882 – BORIS – UCPM-2020-PP-AG, (2020 -2022)
<https://www.borisproject.eu/>
- Erasmus+ Capacity Building in Higher Education project, titled: Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders (SWARM), Project number 597888-EPP-1-2018-1-RS-EPPKA2-CBHE-JP. (2019-2022)
- Climate responsive building envelopes: increasing building's performance under current and future projected climate of Podgorica. (2021-2023), University of Montenegro and University of Ljubljana, project leaders: dr Ivana Ćipranić and dr Mitja Košir.
- The capacity of Montenegrin built environment to resist climate-change-induced overheating. (2023-2025), University of Montenegro and University of Ljubljana, project leaders: dr Marija Jevrić and dr Luka Pajek.
- COST action 19126 - Positive Energy Districts European Network (2020-2024), MC member

Professional organisations and associations:

- Engineering Chamber of Montenegro

 Publications
(journal and monograph papers;
invited lectures/papers)

Papers in international journals (SCI/SCIE list):

- Luka Pajek, Marija Jevrić, Ivana Ćipranić, Mitja Košir. A multi-aspect approach to energy retrofitting under global warming: A case of a multi-apartment building in Montenegro, *Journal of Building Engineering*, Volume 63, Part A, January 2023, 105462, ISSN 2352-7102, <https://doi.org/10.1016/j.jobe.2022.105462>
- Ivana Ćipranić, Marija Jevrić, Milan Radulović and Goran Sekulić. The energy–pressure nexus in the water supply system. *Water Supply*, 21 (1): ISSN 1606-9749 EISSN 1607-0798. doi 10.2166/ws.2020.285, 2021.
- Ivana Ćipranić, Marija Jevrić, Goran Sekulić, Sreten Tomović. The problem of ballast water in Montenegro ports and possibility of its treatment, *Polish Maritime Research* 3 (103) 2019 Vol. 26; pp. 188-193, ISSN: 2083-7429 (Online). DOI:<https://doi.org/10.2478/pomr-2019-0060>, 2019.
- Ivana Ćipranić, Radmila Marković, Stefan Đorđević, Zoran Stevanović, Marija Stevanović. The impact of coal ash and slag dump on the quality of surface and ground waters – A case study, *Journal of Serbian Chemical Society*, IF=0.797, ISSN 0352-5139 (Print), ISSN 1820-7421 (Online) DOI: <https://doi.org/10.2298/JSC190129012C>, 2019.
- Ivana Ćipranić, Goran Sekulić The analysis of the influence of soil on leakage in water supply systems, *Technical Gazette (Tehnički vjesnik)*, Osijek, Croatia, IF=0,615, ISSN 1330-3651(Print), ISSN 1848-6339 (Online) DOI: 10.17559/TV-20140617211559, 2015.
- Marija Jevrić, Miloš Knežević, Jelka Kalezić, Ivana Ćipranić, Nataša Kopitović : Application of Fractal Geometry in Urban Pattern Design, *Technical Gazette (Tehnički vjesnik)*, Osijek, Croatia, IF=0,615, 2014.
- Goran Sekulić, Marija Ivković, Ivana Ćipranić: Modelling of hydrological processes in the catchment area of lake Skadar, *Technical Gazette (Tehnički vjesnik)*, Osijek, Croatia, IF=0,615, ISSN 1330-3651(Print), ISSN 1848-6339 (Online) DOI: 10.17559/TV-20151120230958, 2017.

 Publications
(conference papers)

Papers in journals with regular international distribution and conference papers, over 60 papers

Engineering projects
(some of the professional
experience)

Design, supervision, and review:

- Design consultant and project coordinator for Strategic Assessment of Students Hostels, MNE-HERIC-81180-CQ-CS-12-2.1.3.1; Investor: Ministry of Science, Ministry of Education, "Higher education and research for innovation and competitiveness"- (HERIC) PROJECT; March 2013.
- „Technical Design and Consultant for Students' Hostels“, Reference No. MNE-HERIC-81180-CQ-CS-13-2.1.3.4, investor Ministry of education "Higher education and research for innovation and competitiveness"- (HERIC) PROJECT, designer of water supply and wastewater sewerage, September 2013.
- Supervision service of construction works for BIP Bar (Border Inspection Point for Veterinary and Phyto Sanitary products - Port of Bar)“ Reference No. MNE-MIDAS-7716-CQ-CS-13-2.3.6.1“; Responsible revisor; Investor Montenegro Ministry of Agriculture and Rural development Montenegro institutional development and agriculture strengthening project – MIDAS; October 2013.
- Hydraulic analysis of Regional water supply system for needs of the "Main design of the connecting municipality of Herceg Novi on Regional Water Supply System of Montenegrin Coast", Leading and Responsible designer; Investor: PC "Regional Water Supply Montenegrin Coast ", BUDVA; 2015.
- Study of optimising the preliminary design of the II exploitation phase of the Regional Water Supply System. Leading and Responsible designer. Investor: "Regional Water Supply Montenegrin Coast ", Budva; 2016.
- Responsible reviewer of the Main Design Construction of the Sewage Network and Waste Water Treatment Plant (WWTP) in the Municipality of Berane, 2016.
- Responsible reviewer of Main Design Landfill remediation "Vrtijeljka"-Cetinje-hydraulics. Municipality of Cetinje, 2017.
- Main project with additional exploration works and a detailed geodetic survey to continue using the Maljevac landfill and phase recultivation, Responsible designer. investor EPCG, 2017-2018.;
- The main design for rehabilitation and recultivation of the unregulated landfill "Zauglina" in the municipality of Savnik, Responsible designer. Investor Ministry of sustainable development and Tourism, 2016-2017.;
- The main design for the rehabilitation of the mines of the Gradac mine in the municipality of Savnik Pljevlja, Leader designer. Investor Ministry of sustainable development and Tourism, Environmental Protection Agency, 2018.
- Responsible reviewer of the Preliminary Design Construction of the Sewage Network (~ 35 km) and Waste Water Treatment Plant (WWTP) in the Municipality of Danilovgrad, 2019.
- Responsible reviewer of the Main Design Construction of the Sewage Network (~ 20 km) in the Municipality of Podgorica, 2019.
- Responsible reviewer of the Main Design of the Bridge Reconstruction Project on the Gračanica River, Nikšić. The project included hydrological and hydraulic calculations and dimensioning of the canal bed. Investor Municipality of Nikšić, 2021.
- Responsible reviewer of the main design for the embankment reconstruction on the right bank of the Bojana River in Montenegro, investor Municipality of Ulcinj, 2022.
- Consultant "SNKE Flood Risk Assessment Expert" within the project "Support to Implementation and Monitoring of Water Management, Montenegro", Investor: „EPTISA Southeast Europe“, 2022.
- Deputy Project Manager, COWI-IPF Consortium, Infrastructure Projects Facility Technical Assistance 8 (IPF8), WB27-MNE-ENV-01 / Nikšić Wastewater Management System: Sewerage Network Phase II (~ 35 km), 2023.

Publications

- Goran Sekulić, Ivana Čipranić, Komunalna hidrotehnika, university book, University of Montenegro, Faculty of Civil Engineering, 2015.