

## PERSONAL INFORMATION



## Ivana Čipranić, born Nikolić

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

## WORK EXPERIENCE

2020 – present

## Assistant Professor

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

- Assistant Professor in courses in the domain of Water Engineering
- Vice Dean for Teaching (2019 - present)
- Scientific research and engineering activities
- Mentor for doctoral and master theses, mentor for Final/Diploma student projects

2003 – 2020

## Teaching Assistant

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

- Teaching Assistant in courses in the domain of Water Engineering
- Co-supervisor of Final/Diploma student projects
- Scientific research and engineering activities

2008 - present

## Civil Engineer

Employing organisation:  
"Nik Com" d.o.o. Nikšić [[www.nikcom.me](http://www.nikcom.me)]  
[office@nikcom.me](mailto:office@nikcom.me)

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

EDUCATION AND TRAINING

- 2008 - 2015 **PhD (Dr – Doctor)** EQF level 8  
 Faculty of Civil Engineering, University of Belgrade (Serbia) [ <https://www.grf.bg.ac.rs> ]
- Specialisation: Water Engineering
  - PhD Thesis: Methodology for the selection of the optimum size of district-metered areas (DMA) in water distribution systems
- 1996 - 2002 **Dipl. Ing** EQF level 7  
 Faculty of Civil Engineering, University of Montenegro (Montenegro)
- Specialisation: Water Engineering
  - Structure: (9 semesters) + Final/Diploma project (1 semester)
  - Final/Diploma project: Design of a water supply system in the municipality of Tuzi

PERSONAL SKILLS

Mother tongue(s) Montenegrin

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, and participation in numerous conferences (national and international), through participation in organising committees of VII, VIII and IX International Conferences Civil Engineering - Science & Practice GNP 2020, GNP2022, GNP2024.

Organisational/managerial skills

Leadership/managerial/organisational experience as:

- Project Manager in the Nik Com company ( [www.nikcom.me](http://www.nikcom.me) )
- 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”

*Professional organisations and associations:*

- Engineering Chamber of Montenegro (IKCG <https://www.ingkomora.me/>)

## International projects and scientific research projects

- FLORIAS Flood Risk Assessment in Montenegro: Depth-Damage Relationships for Areas of Potential Significant Flood Risk (2024-2026) A national scientific research project - Montenegro Ministry of Science and Technological Development, project manager [www.florias.me](http://www.florias.me)
- Erasmus+ Capacity Building in Higher Education project, titled: Curricula innovation in climatesMarch urban development based on green and energy efficiency with the non-academic sector (SMART WB), Project: 101081724 — SMART WB — ERASMUS-EDU-2022-CBHE (2022 - 2025) [www.smartwb.ucg.ac.me](http://www.smartwb.ucg.ac.me)
- BORIS2 - Cross BOrder RISk assessment for increased prevention and preparedness in Europe: way forward, (2024 -2026) <https://www.borisproject.eu/>
- 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) <http://swarm.ni.ac.rs/>
- Climate responsive building envelopes: increasing building’s performance under current and future the projected climate of Podgorica. (2021 -2023), University of Montenegro and University of Ljubljana, project leaders: dr Ivana Čipranić 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

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

*Papers in international journals (SCI/SCIE list):*

- Maria Polese, Gabriella Tocchi, Anže Babič, Matjaž Dolšek, Marta Faravelli, Davide Quaroni, Barbara Borzi, Nicola Rebori, Daria Ottonelli, Susanna Wernhart, Jelena Pejovic, Nina Serdar, Klaudija Lebar, Simon Rusjan, Rocco Masi, Christian Resch, Hannes Kern, **Ivana Čipranić**, Milena Ostojic, Andrea Prota. Multi-risk assessment in transboundary areas: A framework for harmonised evaluation considering seismic and flood risks, *International Journal of Disaster Risk Reduction*, Volume 101, 1 February 2024, 104275, ISSN 2212-4209, <https://doi.org/10.1016/j.ijdrr.2024.104275>, 2024.
- Luka Pajek, Marija Jevrić, **Ivana Čipranić**, 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>, 2023.
- **Ivana Čipranić**, 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 Čipranić**, Marija Jevrić, Goran Sekulić, Sreten Tomović. The problem of ballast water in Montenegro ports and the possibility of its treatment, *Polish Maritime Research* 3 (103) 2019 Vol. 26; pp. 1 88-193, ISSN: 2083-7429 (Online). DOI: <https://doi.org/10.2478/pomr-2019-0060>, 2019.
- **Ivana Čipranić**, 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*, ISSN 0352-5139 (Print), ISSN 1820-7421 (Online) DOI: <https://doi.org/10.2298/JSC190129012C>, 2019.
- Goran Sekulić, Marija Ivković, **Ivana Čipranić**: Modelling of hydrological processes in the catchment area of lake Skadar, *Technical Gazette (Tehnički vjesnik)*, Osijek, Croatia, ISSN 1330-3651(Print), ISSN 1848-6339 (Online) DOI: 10.17559/TV-20151120230958, 2017.
- **Ivana Čipranić**, Goran Sekulić The analysis of the influence of soil on leakage in water supply systems, *Technical Gazette (Tehnički vjesnik)*, Osijek, Croatia, ISSN 1330-3651(Print), ISSN 1848-6339 (Online) DOI: 10.17559/TV-20140617211559, 2015.
- Marija Jevrić, Miloš Knežević, Jelka Kalezić, **Ivana Čipranić**, Nataša Kopitović : Application of Fractal Geometry in Urban Pattern Design, *Technical Gazette (Tehnički vjesnik)*, Osijek, Croatia, 2014.

Publications  
(conference papers)

- Olga Čalasan, Ivana Čipranić, Milena Ostojić and Marija Jevrić (2024) Determination of damage for flood risk assessment in Montenegro, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 661 -669, ISBN 978-86-82707-36-3
- Luka Pajek, Jaka Potočnik, Mitja Košir, Ivana Čipranić and Marija Jevrić (2024) An overview of overheating prevention measures in Montenegrin residential buildings based on occupant survey results, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 859-867, ISBN 978-86-82707-36-3
- Milena Ostojić, Ivana Čipranić, Goran Sekulić and Olga Čalasan (2024) Impact of torrential watercourses on the stability of bridge piers: examples from Montenegro, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 909-917, ISBN 978-86-82707-36-3
- Goran Sekulić, Ivana Čipranić, Olga Čalasan and Milena Ostojić (2024) The general state of water resources in Montenegro, IX International Scientific and Professional Conference, GNP 2024, Kolašin, March 2024, pp 917-925, ISBN 978-86-82707-36-3
- Ivona Krulanović, Ivana Čipranić and Zeljka Beljkaš (2024) Prediction of water demand in water supply systems using artificial neural networks, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 1153-1161, ISBN 978-86-82707-36-3
- Ivana Čipranić, Marija Jevrić, Olga Čalasan and Milena Ostojić (2024) Review of the current status of urban development in Montenegro, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 1271 -1279, ISBN 978-86-82707-36-3
- Milan Gocić, Ivana Čipranić, Marija Jevrić and Emina Hadžić (2024) An approach to the curricula innovation in the climate-smart urban development education, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 1375-1383, ISBN 978-86-82707-36-3
- Milena Ostojić, Ivana Čipranić, Marija Jevrić, Goran Sekulić and Ana Medojević (2023) Flood hazard assessment in Montenegro through the application of two-dimensional hydraulic modelling, IOP Conf. Series: Materials Science and Engineering 1283 (2023) 012008, IOP Publishing, doi:10.1088/1757899X/1283/1/012008
- Marija Jevrić, Ivana Čipranić (2023) Circular Economy Implementation for Sustainability in the Built Environment: Chapter 6 Raising Public Awareness of Waste Management (pp 139-159), Published in the United States of America by IGI Global, ISSN:2327-5677; eISSN: 2327-5685
- Ivana Čipranić, Nataša Kopitović Vuković (2023) Smart Urban Development - Project SmartWB, Pogled – Časopis Inženjerske komore Crne Gore, br. 42, maj 2023, Izdavač: Inženjerska komora Crne Gore, pp 22-25
- Marija Jevrić, Ivana Čipranić (2022) Sustainable solid waste management positive examples for further planning in Montenegro, Pogled – Journal of the Engineering Chamber of Montenegro, No 40, April 2022, pp 34-39 ISSN
- Ivana Čipranić, Marija Jevrić, Milena Ostojić, Jelena Pejović, Nina Serdar (2022) Flood risks in Montenegro, Proceedings of the VIII International Scientific Conference - Safety Engineering ISBN 978-86-6211 -140-1, pp 209-213
- Milena Ostojić, Ivana Čipranić, Marija Jevrić, Goran Sekulić and Ana Medojević (2022) Flood hazard assessment in Montenegro through the application of two-dimensional hydraulic modelling, 17th International Scientific Conference CIBv - Civil Engineering and Building Services 2022, Braşov, 3rd-4rd November 2022
- Marko Čečez, Ivana Čipranic, Merima Šahinagić Isović, Radmila Marković, Zoran Stevanović (2022) The Possibilities of Using Red Mud in Building Materials, Proceeding, VIII international scientific and professional conference, GNP 2022. Kolašin, March 2022, pp691 -698, ISBN: 978-86-82707-23-3.

- Olga Čalasan, Ivana Čipranić, Milena Ostojić and Marija Jevrić (2024) Determination of damage for flood risk assessment in Montenegro, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 661 -669, ISBN 978-86-82707-36-3
- Luka Pajek, Jaka Potočnik, Mitja Košir, Ivana Čipranić and Marija Jevrić (2024) An overview of overheating prevention measures in Montenegrin residential buildings based on occupant survey results, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 859-867, ISBN 978-86-82707-36-3
- Milena Ostojić, Ivana Čipranić, Goran Sekulić and Olga Čalasan (2024) Impact of torrential watercourses on the stability of bridge piers: examples from Montenegro, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 909-917, ISBN 978-86-82707-36-3
- Goran Sekulić, Ivana Čipranić, Olga Čalasan and Milena Ostojić (2024) The general state of water resources in Montenegro, IX International Scientific and Professional Conference, GNP 2024, Kolašin, March 2024, pp 917-925, ISBN 978-86-82707-36-3
- Ivona Krulanović, Ivana Čipranić and Zeljka Beljkaš (2024) Prediction of water demand in water supply systems using artificial neural networks, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 1153-1161, ISBN 978-86-82707-36-3
- Ivana Čipranić, Marija Jevrić, Olga Čalasan and Milena Ostojić (2024) Review of the current status of urban development in Montenegro, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 1271 -1279, ISBN 978-86-82707-36-3
- Milan Gocić, Ivana Čipranić, Marija Jevrić and Emina Hadžić (2024) An approach to the curricula innovation in the climate-smart urban development education, IX international scientific and professional conference, GNP 2024, Kolašin, March 2024, pp 1375-1383, ISBN 978-86-82707-36-3
- Milena Ostojić, Ivana Čipranić, Marija Jevrić, Goran Sekulić and Ana Medojević (2023) Flood hazard assessment in Montenegro through the application of two-dimensional hydraulic modelling, IOP Conf. Series: Materials Science and Engineering 1283 (2023) 012008, IOP Publishing, doi:10.1088/1757899X/1283/1/012008
- Marija Jevrić, Ivana Čipranić (2023) Circular Economy Implementation for Sustainability in the Built Environment: Chapter 6 Raising Public Awareness of Waste Management (pp 139-159), Published in the United States of America by IGI Global, ISSN:2327-5677; eISSN: 2327-5685
- Ivana Čipranić, Nataša Kopitović Vuković (2023) Smart Urban Development - Project SmartWB, Pogled – Časopis Inženjerske komore Crne Gore, br. 42, Maj 2023, Izdavač: Inženjerska komora Crne Gore, pp 22-25
- Marija Jevrić, Ivana Čipranić (2022) Sustainable solid waste management positive examples for further planning in Montenegro, Pogled – Journal of the Engineering Chamber of Montenegro, No 40, April 2022, pp 34-39
- Ivana Čipranić, Marija Jevrić, Milena Ostojić, Jelena Pejović, Nina Serdar (2022) Flood risks in Montenegro, Proceedings of the VIII International Scientific Conference - Safety Engineering ISBN 978-86-6211 -140-1, pp 209-213
- Milena Ostojić, Ivana Čipranić, Marija Jevrić, Goran Sekulić and Ana Medojević (2022) Flood hazard assessment in Montenegro through the application of two-dimensional hydraulic modelling, 17th International Scientific Conference CIBv - Civil Engineering and Building Services 2022, Braşov, 3rd-4rd November 2022
- Marko Čečez, Ivana Čipranić, Merima Šahinagić Isović, Radmila Marković, Zoran Stevanović (2022) The Possibilities of Using Red Mud in Building Materials, Proceeding, VIII international scientific and professional conference, GNP 2022. Kolašin, March 2022, pp691 -698, ISBN: 978-86-82707-23-3.

- Ivona Krulanović, Ivana Ćipranić, Marija Jevrić, Milena Ostojić (2022) Possibilities of Predictions of Municipal Solid Waste Amount in Montenegro Using Neural Networks, Proceeding, VIII international scientific and professional conference, GNP 2022. Kolašin, March 2022, pp705-712, ISBN: 978-86-82707-23-3.
- Ivana Ćipranić, Marija Jevrić, Milena Ostojić, Goran Sekulić (2022) Snežana Rutešić Burst Frequency in Water Distribution System, Proceeding, VIII international scientific and professional conference, GNP 2022. Kolašin, March 2022, pp781 -788, ISBN: 978-86-82707-23-3
- Milena Ostojić, Ivana Ćipranić, Goran Sekulić (2022) Current State of National Flood Risk Assessment in Montenegro, Proceeding, VIII international scientific and professional conference, GNP 2022, Kolašin, March 2022, pp807-814, ISBN: 978-86-82707-23-3
- Klaudija Lebar, Simon Rusjan, Andrej Vidmar, Susanna Wernhart, Nicola Rebor, Ivana Ćipranić, Ela Doganay, Matjaz Mikos (2022) Review of a National Flood Risk Assessment as a Basis for Developing a Methodology for Selected Cross-Border Areas - BORIS Project, Proceedings of the 39<sup>th</sup> IAHR, World Congress 19–24 June 2022, Granada, Spain DOI: doi:10.3850/IAHR-39WC252171192022733
- Ivana Ćipranić, Marija Jevrić, Milan Radulović, Goran Sekulić, Goran Jevrić (2021) Challenges of managing water supply systems - an example of the regional water supply system of the Montenegrin coast, Vodoprivreda ISSN 0350-0519, vol. 53 (2021) no. 313-314 p. 1 91 – 198
- Ivana Ćipranić, Marija Jevrić, Milan Radulović, Goran Sekulić, Goran Jevrić (2021) Towards sustainable development of the water supply sector in Montenegro - experiences in the work of the Regional Water Supply System, XIX Conference SDHI & SDH Belgrade, Serbia, 18–19 October 2021
- Milena Ostojić, Ivana Ćipranić, Goran Sekulić (2021) Possibilities of application of HEC RAS two-dimensional models for prediction of bridge pier scour, International Symposium Water Resources Management: New Perspectives and Innovative Practices, Novi Sad, Serbia, 23-24 September 2021
- Marija Jevrić, Ivana Ćipranić, Nataša K. Vuković, Milena Ostojić (2021) Toward sustainable urban development - green roofs, X International Conference on Social and Technological Development STED 2021, University PIM Banja Luka, Trebinje, Republika Srpska, 3-6 June 2021
- Milan Radulović, Micha Horacek, Goran Sekulić, Ivana Ćipranić, Slobodan Živaljević, Christine Stumpp and Stefan Wyhlidal (2020) An application of stable isotope techniques for the investigation of the geographic origin of water–investigation of the Mareza Spring near Podgorica (Montenegro), EGU General Assembly 2020, Online, 4–8 May 2020, EGU2020-18220, <https://doi.org/10.5194/egusphereegu2020-18220>, 2020
- Marija Jevrić, Ivana Ćipranić, Nataša Kopitović-Vuković (2020) Fractals in Civil Engineering. Proceeding, VII international scientific and professional conference, GNP 2020. Kolašin, March 2020
- Ivana Ćipranić, Marija Jevrić, Goran Sekulić, Rajko Janjić, Nikola Ćipranić (2020) Remediation of the mine tailings disposal facility Gradac–Montenegro. Proceeding, VII international scientific and professional conference, GNP 2020. Kolašin, March 2020
- Ivana Ćipranić, Goran Sekulić (2020) Global Crisis in Drinking Water Supply - Case of Montenegro: Control of the Specific Water Consumption, Proceeding, VII international scientific and professional conference, GNP 2020. Kolašin, March 2020
- Snežana Rutešić, Ivana Ćipranić, Marija Jevrić (2020) The Academic Achievement Analysis of Students Graduated with a Bachelor's Degree In Civil Engineering, Proceeding VII international scientific and professional conference, GNP 2020. Kolašin, March 2020
- Goran Sekulić, Ivana Ćipranić, Stormwater Quality Management, Training Manual on Water Resource Management, Kosovska Mitrovica, 2020. godine, pp 75-89
- Petrović M., Sekulić G., Ćipranić I. (2017) Application of optimisation methods on the example of the Regional Water Supply System of the Montenegrin coast. 38th International Scientific Conference "Vodovod i kanalizacija '17", oktobar 2017, Kragujevac, Srbija. ISBN 978-86-80067-36-0

- Sekulić G., Petrović M., Ćipranić I. (2016) Contribution to solving the problem of disposal of sewage sludge in Montenegro. Proceeding, Conference on water use and protection VODA 2016, Zlatibor, pp521 -529. ISBN 978-86-916753-3-2
- Sekulić G., Ćipranić I. (2016) Minimal Energy Principle in Water Supplying Systems. International Scientific Conference People, Buildings and Environmental 2016 (PBE2016) 29 September-1 October 2016, Luhacovice, Czech Republic, pp 197-205. ISSN 1805-6784.
- Sekulić G., Ćipranić I. (2016) Peculiarities of Planning and Managing Water Areas in Montenegro. American Journal of Engineering Research (AJER), 5 (12). 180-186. p-ISSN 2320-0936. e-ISSN: 2320-0847.
- Ćipranić I., Vujović P., Sekulić G., Petrović M. (2016) The criteria for selecting a sewer pipe depend on the thickness of the superstructure and the traffic load. Proceeding, VI International Scientific and professional conference, GNP2014. Žabljak, February 2014, pp1747-1754, ISBN: 978-86-82707-23-3.
- Ćipranić I., Sekulić G., Bošković Lj., Karadžić U. (2016) Principles of design of small hydropower plants and their integration into the environment—an example of sHPP Vrelo. Proceeding of the VI international scientific and professional conference, GNP2016. Žabljak, March 2016, pp1251 -1258. ISBN:978-86-82707-30-1.
- Stanić M., Sekulić G., Ćipranić I., Špadijer I. (2016) Hydraulic analysis for the needs of connecting Herceg Novi to the regional water system. Proceeding, VI international scientific and professional conference, GNP2016. Žabljak, March 2016, pp1299-1306. ISBN: 978-86-82707-30-1.
- Petrović M., Ćipranić I., Šaković M. (2016) Comparative analysis of methods for calculating runoff from unstudied watersheds. Proceeding, VI international scientific and professional conference, GNP2016. Žabljak, March 2016, pp1285-1291. ISBN: 978-86-82707-30-1.
- Sekulić G., Ćipranić I. (2015) The Pressure-boosting Pumping Stations in Modernization of Water Supply Systems. Строительство уникальных зданий и сооружений, 2 (29). 7-19. ISSN 2304-6295.
- Sekulić G., Ćipranić I. (2015) Benefits of Multi-Purpose Hydrotechnical Systems in Urban Areas of Developing Countries, Example of Montenegro. Procedia Engineering, Volume 117: 646–654. ISSN: 1887-7058
- Branislavljević N., Ćipranić I., Prodanović D., Ivetić D. (2014) Software support for determining the basic balancing zones of water supply networks. Proceeding, 14. International conference "Vodovodni i kanalizacioni sistemi", Jahorina 2014. pp 173-179. ISBN: 987-86-82931 -62-1.
- Ćipranić I., Branislavljević N. (2014) Kriterijumi za formiranje OZB u vodovodnom sistemu i analiza troškova u funkciji veličine OZB. Proceeding, "Vodovod i kanalizacija '14". Kladovo, oktobar 2014. Pp 93-98. ISBN: 978-86-80067-31 -5.
- Sekulić G., Ćipranić I. (2014) Efficiency of the atmospheric sewage system - application of retention spaces. Proceeding, V international scientific and professional conference, GNP2014. Žabljak, February 2014, pp1747-1754, ISBN: 978-86-82707-23-3.
- Sekulić G., Ćipranić I., Vujović P. (2013) Stormwater Surface Solution in the Urban Planning. Journal of Environmental Science and Engineering B 2, Formerly part of the Journal of Environmental Science and Engineering, 7-14. ISSN 1934-8932.
- Ćipranić I., Sekulić G. (2012) Analysis of criteria for the formation of DMAs, as a form of management of water supply systems. Proceeding, IV international scientific and professional conference, GNP2012. Žabljak, February 2012, pp1899-418. Book 1 ISBN: 978-86-82707-18-9.
- Sekulić G., Ćipranić I., Aleksić J., Vujović P. (2012) Stormwater Surface Storage Structures in the Urban Planning Documents. Proceedings of the 9th International conference on urban drainage modelling, Beograd, 2012, pp. 365 -374, ISBN 978-86-7518-156-9.



- Sekulić G., Čipranić I. (2012) Temporary and assembly-disassembly systems for flood defence. Proceeding, IV international scientific and professional conference, GNP2012. Žabljak, February 2012, pp1921 -1928. ISBN: 978-86-82707-18-9.
- Sekulić G., Čipranić I. (2012) Analysis of benefits arising from the implementation of hydro-technical systems, Conference SDHI I SDH - Donji Milanovac, Srbija, 2012, pp 513-522. ISBN 978-86-7518-159-0.
- Sekulić G., Čipranić I. (2010) Application of Tyrolean catchments in systems of small hydropower plants. Proceeding, III international scientific and professional conference GNP2010. Žabljak, February 2010, pp407-412. Book 1 ISBN: 978-86-82707-18-9
- Sekulić G., Čipranić I. (2010) Efficiency of operation of different sewage systems. Proceeding, III international scientific and professional conference GNP2010. Žabljak, February 2010, pp412-418. Book 1 ISBN: 978-86-82707-18-9.
- Sekulić G., Čipranić I. (2010) Problems of maintenance of buildings made of reinforced concrete in municipal hydro-technics. First international symposium on corrosion and protection of materials and environment, Proceedings, Bar, 23 – 26. novembar 2010, pp 354- 359. ISBN 978-9940-9334-0-1
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- Živaljević R., Čipranić I. (2006) Analysis of the hydrological-hydraulic condition of the Krupac and Slano reservoirs in the existing conditions and the case of their connection. Proceeding, I international scientific and professional conference GNP2006. Žabljak, February 2006, pp257-262. Book 1 ISBN: 86-82707-12-8
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Engineering projects  
(some of the professional  
experience)

*Design, supervision, and review:*

- Main design of the reconstruction the main pipeline, Pliješ - Town, for the high and low zone; Responsible designer; Investor: Municipality Pljevlja, February 2013.
- Design consultant and coordinator of the project 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, water supply and wastewater sewerage designer, September 2013.
- Supervised 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 the regional water supply system for the needs of the "Detail 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.
- Main design of the connecting municipality of Herceg Novi on the Regional Water Supply System of Montenegrin Coast; Leading and Responsible Designer; Investor: "Regional Water Supply Montenegrin Coast", Budva; 2015.
- Main design of the water supply, sewerage system, and stormwater system in the area of street Miladina Popovića, Responsible designer; investor: Agency for Construction and Development of Podgorica, 2015.
- Main Design of hydrant network for tunnel Klisura, Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2015.
- Main Design small hydropower plant Bistrica Majstorovina, Ravna Rijeka, Opština Bijelo Polje, Crna Gora, Investor: "Hydro Bistrica" doo. 2015. Responsible designer.
- Responsible reviewer of the main Design hydrant network of the tunnel Ivica, Investor: Ministry of Transport and Maritime Affairs, 2015.
- Main Design of the storm sewer for the Heliport operated by General Hospital Nikšić. St. Dr Nika Miljanica, C.P. br. 1097, C.M. Nikšić, Municipality Nikšić, 2016. Responsible designer.
- Main Design, small hydropower plant Meteh, Municipality Plav, Crna Gora. Investor: Normal Company d.o.o. 2016. Responsible designer.
- Preliminary design of water supply and wastewater sewerage of the Condo hotel, UP 14.1 and 14.2 in the block 14 DUP „Bečići“, Municipality Budva, Responsible designer; Investor: "Devin", ltd Budva, 2014

- Main design water supply system settlement Gornji Obrov, Bijelo Polje; Leading and Responsible Designer; Investor: Municipality of Bijelo Polje, 2016.
- Main Design of hydrant network for tunnel Vjeternik-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel Kosman-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel Jabucki Krs-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel MRKI KRS-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel ZECKA-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel MATESEVO-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel MALA TRAVA-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel VILAC-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel KLOPOT-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel VEZESNIK-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Main Design of hydrant network for tunnel MRKE-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2016.
- Study the optimisation of the preliminary design of the II exploitation phase of regional water supply system exploitation. Leading and Responsible designer. Investor: "Regional Water Supply Montenegrin Coast", Budva; 2016.
- Main Design of the water supply system of the supplement Zagarač, Leading and Responsible designer. Investor: "Water supply and sewerage", Danilovgrad; 2016.
- Responsible reviewer of the Main Design Construction of the Sewage Network and Waste Water Treatment Plant (WWTP) in the Municipality of Berane, 2017.
- Responsible reviewer of the Main Design Regulation of the Stream Makva within the Main Design Construction of the Sewage Network and Waste Water Treatment Plant (WWTP) in the Municipality of Berane, 2017.
- Responsible reviewer of Main Design Landfill remediation "Vrtijeljka"-Cetinje-hydraulics. Municipality of Cetinje, 2017.
- Main Design of hydrant network for tunnel Preslo-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2017.
- Main Design of hydrant network for tunnel Djurilovac-High Way Montenegro. Responsible designer. Investor: Government of Montenegro, Ministry of Transport and Maritime Affairs, 2017.
- Main design of the water supply, sewerage system and stormwater system in the main road Petrovac-Bar, Responsible designer; Investor: Direction for traffic, Ministry of Transport and Maritime Affairs, Podgorica 2017.

- Responsible for reviewing the main adaptation design of the water supply and sewer systems in the buildings within the energy efficiency program in public buildings. Investor: Government of Montenegro, Ministry of Economy with Ministry of Education, Podgorica 2017.
- Preliminary design of the landfill Maljevac, Disposal of the coal product for combustion in the thermal power plants –Pljevlja, Investor: Electropower system of Montenegro, Podgorica 2017.
- Main design of the drainage system in the tunnel "7-8-9" on the main road Podgorica-Kolašin, Responsible designer; Investor: Direction for traffic, Podgorica 2017.
- The main project includes additional exploration works and a detailed geodetic survey to continue using the Maljevac landfill and phase recultivation. Responsible designer. investor Electropower system of Montenegro, 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 rehabilitating the mines of the landfill Gradac mine in the municipality of Pljevlja, Leader designer. Investor Ministry of Sustainable Development and Tourism, Environmental Protection, Agency, 2018.
- Water and Wastewater Expert, SWECO Danmark A/S, Regional Water Supply Systems Expansion, 2019.
- 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. Investor Municipality of Danilovgrad
- Responsible reviewer of the Main Design Construction of the Sewage Network (~ 20 km) in the Municipality of Podgorica, 2019. Investor Municipality of Podgorica
- Responsible reviewer of the Main Design of the Bridge Reconstruction Project on the Gračanica River, 2021. 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, 2022-2024.
- 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 - 2024.
- Supervision of the implementation of infrastructure works on constructing the embankment at Lim River (two locations: Berane – urban zone and Bijelo Polje – urban zone). Investor: Ministry of agriculture, forestry and water management, 2024.

**Publications**

Goran Sekulić, Ivana Čipranić, Komunalna hidrotehnika, University Book, University of Montenegro, Faculty of Civil Engineering, 2015.