PERSONAL INFORMATION

Milan Radulović

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Sex male | Date of birth 4 December 1982 | Nationality Serbian | Citizenship Montenegrin

WORK EXPERIENCE

2019 - present — Associate Professor

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

- Lecturer of courses from the domain of: Groundwater Hydraulics, Applied Hydrogeology, Geology, Protection and Quality of Water, Engineering Geology (Faculty of Civil Engineering)
- Supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2013 - 2019 — Assistant Professor

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

- Lecturer of courses from the domain of: Groundwater Hydraulics, Applied Hydrogeology, Protection and Quality of Water, Engineering Ecology, Ecology of Water and Soil (Faculty of Civil Engineering)
- Assistant Lecturer from the domain of: Geology, Engineering Geology
- Supervisor of Final/Diploma student projects
- Scientific-research and engineering activities

2008 - 2013 — Assistant Lecturer

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

- Assistant Lecturer from the domain of: Geology and Engineering Geology
- Scientific-research and engineering activities

2006 - 2008 — Teaching Assistant

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

- Teaching Assistant from the domain of: Geology and Engineering Geology (part-time engagement)
- Engineering work in the company Geoprojekt Ltd. Podgorica, Montenegro
- Scientific research

EDUCATION AND TRAINING

1 October 2007 – 27 April 2012 — PhD (Dr – Doctor) — EQF level 8

Faculty of Mining and Geology, Department of Hydrogeology, University of Belgrade, Serbia

- Specialisation: Hydrogeology
- PhD Thesis: Multi-parameter analysis of groundwater recharge in karstic aquifers–case examples from Skadar Lake basin, p 261

1 October 2001 – 6 June 2006

BSc & MSc (VII1 degree; 5 years)

EQF level 7

Faculty of Mining and Geology, Department of Hydrogeology, University of Belgrade, Serbia

- Specialisation: Hydrogeology
- Structure: 9 semesters + Thesis
- MSc Thesis: Hydrogeological characteristics of catchment area of Kotor bay and the possibility of water supply, p 100

PERSONAL SKILLS

Key skills and expertise

Geology, Hydrogeology, Karst Geomorphology, Groundwater Modelling, Quality and Protection of Groundwater, Environmental Protection, Engineering Geology

Mother tongue(s)

Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1

Certificates:
- Oxford School, Podgorica
- Callon School, London
- Global Village School, Malta

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 conferences (national and international), as well as through participation in training courses and projects that enabled me to live for a few months in different countries, in different national, cultural and religious surroundings.

Computer skills

Software:

- Microsoft Office, AutoCAD, CorelDRAW, Adobe Photoshop, Adobe Acrobat Professional, Surfer, Global Mapper, Processing MODFLOW, Groundwater Vistas, Groundwater Modelling System (GMS), ArcGIS

International scientific-research projects

- Isotope methods for management of drinking water resources in water scarcity areas, International Atomic Energy Agency (IAEA), Vienna, June 2007 – June 2009
- ADRICOSM-STAR Project Water Program for Environmental Sustainability WPA Phase II Support to Aquifer Model Development (AQMOD), UNESCO-IHP Study of Aquifers in the Boyana Bay, Italy – Montenegro, January 2007 – January 2010
- Investigation of ground water mean residence time in different regions in Montenegro: support for the sustainable use of water resources, Austrian Institute for Technology (AIT), Vienna - Podgorica, April 2010 – April 2013
- Development of hydrological and hydraulic study of regulation of Skadar Lake and Bojana river Water regime, Montenegrin Academy of Sciences and Arts - Albanian Academy of Sciences, Podgorica – Tirana, June 2012 – June 2013
- Groundwater-Flow Modeling of the Dead Sea Basin, Additional Program to the Jordan Deep Aquifers Modelling Project, Ministry of Water and Irrigation of Jordan, April 2015 – March 2016
- Groundwater Modeling and Simulation of Wadi Araba Aquifers, Ministry of Water and Irrigation of Jordan, Jordan Valley Authority, Amman, December 2016 – July 2017
- Application of stable isotope techniques for the investigation of geographic origin of water: Investigation of the Mareza Spring near Podgorica, Podgorica-Vienna, 2019-2020
- Research network for including geothermal technologies into decarbonized heating and cooling grids" (Geothermal-DHC), CA18219, 2019-2023
- COST Action: WATer isotopeS in the critical zONe: from groundwater recharge to plant transpiration – WATSON, CA19120, 2020-2024

ADDITIONAL INFORMATION

KEY PUBLICATIONS

Chapters in a book of a reputable international publisher

1. **Radulovic MM**, Stevanovic Z, Radulovic M: First outcomes from new approach in assessing recharge of highly karstified terrains – cases examples from Montenegro. In: Andreo B, Carrasco F, Durán JJ, LaMoreaux JW (ed) Advances in Research in Karst Media, Springer, Berlin 2010, pp 25-31; ISBN (print) 978-3-642-12485-3
2. Milanović S., Dragišić V., **Radulović M.M**., Stevanović Z. (2015) Prevent Leakage and Mixture of Karst Groundwater. In: Stevanović Z. (ed.) Karst Aquifers—Characterization and Engineering, Professional Practice in Earth Sciences. Springer, New York, pp 531-599, DOI 10.1007/978-3-319-12850-4_16. ISBN 978-3-319-12849-8
3. **Radulović M.M**., Sekulić G., Blagojević M., Krstajić J., Vako E. (2016) An assessment of territory participation in transboundary karst aquifer recharge. In: Stevanović Z., Krešić N., Kukurić N. (eds) Karst without boundaries. CRC Press, Taylor & Francis Group, London, pp 87-100. ISBN: 978-1-138-02968-2
4. **Radulović M.M**.: Hydrogeology of the Skadar Lake Basin. In: Pešić V., Karaman G.S., Kostianoy A.G (eds.) Skadar/Shkodra Lake Environment (The Handbook of Environmental Chemistry). Springer, Berlin, Heidelberg, 2018, DOI: https://doi.org/10.1007/698_2017_231
5. Sekulić G., **Radulović M.M.** (2019) The Hydrology and Hydrogeology of Montenegro. In: Pešić V., Paunović M., Kostianoy A. (eds) The Rivers of Montenegro. The Handbook of Environmental Chemistry, Vol. 93, pp 13-42, Springer, Cham. https://doi.org/10.1007/698_2019_413

Book of national importance

6. **Radulović M.M**., Novaković D., Sekulić G., Popović M., Alilović N. (2014) Development of hydrological and hydraulic study of regulation of Skadar Lake and Bojana River water regime, Volume I (IPA Project; Project leader: Sekulić G; Editor: Đurović M.). Montenegrin Academy of Sciences and Arts, Special editions (Monographies and Studies), Volume 111, Podgorica

Publications in journals

Paper that are in the journals contained in international databases (SCI & SCIE)

7. **Radulovic M.M.,** Wong H., Al Tarawneh M. (2020) Groundwater flow modelling for an assessment of abstraction and climate change

impacts on groundwater resources—an example from the Wadi Araba Basin (Jordan). Arabian Journal of Geosciences, Volume 13, Article number: 1142 (2020). https://doi.org/10.1007/s12517-020-06148-2

8. Živaljević S., Tomanović Z., **Radulović M.** (2021) Analysis of the triggering mechanism of landslide in the village Podi, Montenegro. Arab J Geosci 14, 56 (2021). https://doi.org/10.1007/s12517-020-06285-8
9. Ćipranić I., Jevrić M., **Radulović M.M.,** Sekulić G. (2020) The energy – pressure nexus in the water supply system, Water Supply, ws2020285, https://doi.org/10.2166/ws.2020.285
10. Živković K, **Radulović M.M.,** Lojen S., Pucarević M (2020) Overview of the Chemical and Isotopic Investigations of the Mareza Springs and the Zeta River in Montenegro. Water 2020, 12(4), 957; https://doi.org/10.3390/w12040957
11. Blagojević, M., Stevanović, Z., **Radulović, M.M.**, Marinović, V., Petrović, B.: Transboundary groundwater resource management: needs for monitoring the Cijevna River Basin (Montenegro–Albania). Environmental Earth Sciences 79, 74 (2020). https://doi.org/10.1007/s12665-020-8809-8
12. **Radulović MM**, Poleksić S, Blagojević M: A modified point dilution test for the assessment of groundwater flux in karst aquifers. Environmental Earth Sciences, DOI: 10.1007/s12665-019-8489-4. Publisher: Springer 2019
13. **Radulović MM,** Stevanović Z, Radulović M: A new approach in assessing recharge of highly karstified terrains – Montenegro case studies. Environmental Earth Sciences, Volume 65, Number 8, pp 2221-2230, doi:10.1007/s12665-011-1378-0; Publisher: Springer 2011; ISSN 1866-6280; Impact Factor 1.059
14. **Radulović MM:** A new view on karst genesis. Carbonates and Evaporites, Volume 28, Issue 4, pp 383-397, doi: 10.1007/c13146-012-0125-2. Publisher: Springer 2013; ISSN 0891-2556, Impact Factor 0.440
15. **Radulović MM.,** Radulović M, Stevanović Z, Sekulić G, Radulović V, Burić M, Novaković D, Vako E, Blagojević M, Dević N, Radojević (2015) Hydrogeology of the Skadar Lake basin (Southeast Dinarides) with an assessment of considerable subterranean inflow. Environmental Earth Sciences, Volume 74, Issue 1, pp 71-82, doi: 10.1007/s12665-015-4090-7; Publisher: Springer 2015; ISSN 1866-6280; Impact Factor 1.765

Papers published in journals have regular international distribution and summary in a foreign language

16. Sekulić G., **Radulović M.M.**: Modeling of Hydrogeological Processes in the Zeta Plain, Catchment Area of Lake Skadar in Montenegro. Water Research and Management, Vol. 6, Number 3 (2016), pp 13-21; ISSN 2217-5237
17. **Радулович М.М**, Секулич Г. Определение местоположения вспомогательных озерных источников с помощью дистанционного зондирования на примере Скадарского озера (Черногория) // Строительство уникальных зданий и сооружений. 2015. 2(29). С. 73-86 (Radulovic M.M., Sekulic G. Determining the locations of sublacustrine springs by remote sensing: the Skadar Lake case example Montenegro. Construction of Unique Buildings and Structures, 2015, 2(29), Pp. 73-86).
18. Horacek M., **Radulović M.M**., Wyhlidal S., Mišurović A., Jung M. (2019) Investigating catchment areas of karst springs in Montenegro: Isotope-hydrological pilot studies. Geološki glasnik Zavoda za geološka istraživanja Crne Gore, Knjiga 17, str. 129–143

Papers on congresses, symposiums and seminars

Papers at international conferences, symposia and seminars

19. **Radulovic M.M**., Horacek M., Sekulic G., Ćipranić I., Živaljević S., Stumpp C., Wyhlidal S. (2020) An application of stable isotope techniques for the investigation of geographic origin of water investigation of the Mareza Spring near Podgorica (Montenegro). Abstract. EGU General Assembly 2020, 3–8 May 2020, Vienna
20. **Radulovic M.M**. (2020) Groundwater flow and heat transport modelling of the Zeta Valley Aquifer (Montenegro). GRC Transactions, Vol. 44, 2020. Abstract. GRC 2020 Virtual Annual Meeting and Expo (USA), 18-23 October, 2020
21. **Radulović M.M**., Dević N.: Osvrt na metodologiju izdvajanja podzemnih vodnih tijela prema Okvirnoj direktivi o vodama (2000/60/EC) Zbornik radova, 6. Internacionalni naučno-stručni skup "Građevinarstvo – Nauka i Praksa", Žabljak 7-11. marta 2016, str. 1471-1478
22. **Radulović M.M**.: First presentation of modified point dilution test for assessment of groundwater flux in karst aquifers. In: Milanović S., Stevanović Z. (eds.) Proceedings of International Symposium “Karst – Expect the Unexpected”, 6-9 June 2018, Trebinje, Bosnia and Herzegovina, pp. 411-416, ISBN: 978-86-7352-325-5
23. Blagojević M., Stevanović Z., **Radulović M.M**.: Transboundary groundwater resources management – monitoring of Cijevna river basin (Montenegro – Albania). In: Milanović S., Stevanović Z. (eds.) Proceedings of International Symposium “Karst – Expect the Unexpected”, 6-9 June 2018, Trebinje, Bosnia and Herzegovina, pp. 257-264, ISBN: 978-86-7352-325-5
24. Radulovic M, Dubljevic V, Danilovic T, **Radulovic MM**: Karst hydrogeology of Montenegro with special emphasis on the possibility of exploitation, conditions of polluting and aquifer water protectin. In: Abate E (ed) General Proceedings: 32nd International Geological Congress, Florence, Italy, August 20-28, 2004; OCLC number: 466168273
25. Radulovic M, Danilovic T, **Radulovic MM**: Specifities of hydrogeologic watersheds and directins of movment of aquifer waters in karstic terreins of Montenegro. In: Stevanović Z, Milanović P (ed): Water Resources and Environmental Problems in Karst: proceedings of the International conference and field seminars, Belgrade & Kotor, 13-19 September 2005; pp 437-442; ISBN 8673521440, 9788673521442
26. Radulovic M, Filipovic S, Danilovic T, **Radulovic MM**: Quality of karstic aquifer waters in the terrains of Montenegro and possibility of their usage by bottling. In: Stevanović Z, Milanović P (ed): Water Resources and Environmental Problems in Karst: proceedings of the International conference and field seminars, Belgrade & Kotor, 13-19 September 2005; pp 861-864; ISBN 8673521440, 9788673521442
27. **Radulovic MM**: Hydrogeological characteristics of the Bokakotorska Bay. In: Mulec J, Petrič M, Prelovšek M, Turk J (ed) Sustainable management of natural and environmental resources on karst: 14th International Karstological School “Classical Karst”, Postojna, Slovenia, 2006; pp 48-52

28. **Radulovic MM**: Groundwater vulnerability mapping of Vidrovan watersource catchment using modified PI method. In: Kogovšek J, Mulec J, Petrič M, Prelovšek M, Ravbar N, Turk J (ed) Management of Transboundary Karst Aquifers: 15th International Karstological School "Classical Karst", Postojna, Slovenia, 2007; pp 54-58
29. **Radulović MM**, Dragojević D, Dević N, Blečić M: Određivanje izdašnosti izvorišta „Bolje sestre" primjenom metode rastvaranja soli – Salt Dilution. The 2nd International Conference "Civil Engineering – Science and Practice", GNP 2008, Žabljak, 2008, Vol.2, pp 1075-1080, ISBN 978-86-82707-14-1
30. Radulović M, Stevanović Z, **Radulović MM**: Metodologija određivanja zona sanitarne zaštite za izvorište „Bolje sestre" planirano za regionalno vodosnabdjevane Crnogorskog primorja. The 2nd International Conference "Civil Engineering – Science and Practice", GNP 2008, Žabljak, 2008, Vol.2, pp 1081-1086, ISBN 978-86-82707-14-1
31. Radulović MM, Dragojević D, Dević N, Blečić M: Discharge calculation of the spring using salt dilution method – application site Bolje Sestre spring (Montenegro). Proceedings of Conference on Water Observation and Information System for Decision Support – BALWOIS, May 2008, Ohrid; ISBN 978-608-4510-00-0
32. **Radulović MM**, Matović M: Primjena daljinske detekcije u hidrogeološkim istraživanjima vrulja u Bokokotorskom zalivu. The 3rd International Conference "Civil Engineering – Science and Practice", GNP 2010, Žabljak, 2010, Vol. 2, pp 1599-1605; ISBN 978-86-82707-18-9
33. Radulović M, Tomanović Z, **Radulović MM**: Geotechnical conditions of execution of the tunnel on the highway Bar-Boljari (section Smokovac-Uvač). Proceedings of the 1st International Congress on Tunnels and Underground Structures in South-East Europe „USING UNDERGROUND SPACE" April 7-9, 2011, Dubrovnik, Croatia
34. **Radulović MM**: Vrtače i karstni kolapsi kroz nauku i praksu. The 4th International Conference "Civil Engineering – Science and Practice", GNP 2012, Žabljak, 2012, pp 2093-2100; ISBN 978-86-82707-21-9
35. Radulović M, Čađenović N, **Radulović MM**, Blečić V: Geotehnički uslovi izgradnje tunela na brzoj saobraćajnici duž crnogorskog primorja – dionica Sozina - Stari Bar. The 4th International Conference "Civil Engineering – Science and Practice", GNP 2012, Žabljak, 2012, pp 2101-2107; ISBN 978-86-82707-21-9
36. **Radulović MM**: Mogućnosti prikazivanja stepena karstifikacije u visoko karstifikovanim terenima. Zbornik radova XIV Srpskog simpozijuma o hidrogeologiji sa međunarodnim učešćem, Zlatibor 17-20 maj 2012; pp 493-497; ISBN 978-86-7 352-236-4
37. **Radulović MM**: Lociranje zona podvodnog isticanja izdanskih voda korišćenjem daljinske detekcije. Zbornik radova XIV Srpskog simpozijuma o hidrogeologiji sa međunarodnim učešćem, Zlatibor 17-20 maj 2012; pp 499-503; ISBN 978-86 -7 352-236-4
38. Radulović M, **Radulović MM**, Filipović S, Dević N: Hidroelektrane na Morači i njihov uticaj na životnu sredinu – hidrogeološki i inženjerskogeološki aspekt. Zbornik radova sa internacionalne konferencije "Zaštita prirode u XXI vijeku", 20-23. septembar, 2011, Žabljak, Crna Gora; Knjiga I, pp 217-225

Papers on national congresses, symposia and seminars

39. **Radulović MM**, Danilović T: Mapiranje ranjivosti podzemnih voda u slivu Vidrovanskih vrela korišćenjem modifikovane PI metode. Zbornik radova naučnog skupa "Voda, vodovodi i sanitarne tehnologije", Budva 2007
40. Doklestić O., Šućur M., **Radulović M.M**.: Bezbjednost podzemnih vodotokova od uticaja sanitarne deponije "Duboki do". Zbornik radova 44. godišnje konferencije o aktuelnim problemima korišćenja i zaštite voda – "VODA 2015", Kopaonik 2. – 4. jun 2015. godine, str. 249-256, ISBN: 978-86-916753-2-5
41. Radulović M, Sekulić G, **Radulović MM**: Dezintegracija rječnih tokova u karstnim terenima Crne Gore. Zbornik radova naučnog skupa "Vode, vodovodi i sanitarne tehnologije", Budva 2007; pp 33-39
42. Radulović M, Novaković D, **Radulović MM**, Matović M: Hidrogeološke karakteristike područja opštine Cetinje, Zbornik radova naučnog skupa "Vodosnabdjevanje Cetinja", Cetinje 2009

Reviewer in journals

- Environmental Earth Sciences; ISSN 1866-6280
- Carbonates and Evaporites; ISSN: 0891-2556
- ActaCarstologica; ISSN: 0583-6050
- Arabian Journal of Geosciences; ISSN: 1866-7511
- Hydrogeological Journal; ISSN: 1431-2174