

Dr. Dragana Milijašević Joksimović

Senior Research Associate
Geographical Institute “Jovan Cvijić” SASA

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11000 Belgrade, Serbia

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Research Interests:

Physical Geography, Hydrology, Surface Water Quality, Water Resources, and Tourism

Education

– **PhD in Geography**, Faculty of Geography, University of Belgrade (2014)

Doctoral dissertation: *Physical-geographical factors of the water balance and possibilities for sustainable water resource management in the Timok River Basin*, 245 pp.

– **MSc in Geography**, Faculty of Geography, University of Belgrade (2008)

Master’s thesis: *Detinja River – a potamological study*, 95 pp.

– **BSc in Geography**, Faculty of Geography, University of Belgrade, Belgrade (2004)

Employment

– **Since 2026** – Senior Research Associate, Geographical Institute “Jovan Cvijić” SASA, Belgrade

– **2015–2026** – Research Associate, Geographical Institute “Jovan Cvijić” SASA, Belgrade

– **2008–2015** – Research Assistant, Geographical Institute “Jovan Cvijić” SASA, Belgrade

– **2007–2008** – Research Trainee, Geographical Institute “Jovan Cvijić” SASA, Belgrade

– **2004–2007** – Scholarship holder, Ministry of Science, Geographical Institute “Jovan Cvijić” SASA, Belgrade

Published Books

1. Milijašević, D. (2010). *Hydrographic Study of the Đetinja River* (M. Radovanović, Ed.; Special Editions, Vol. 76, pp. 1–124). Belgrade: Geographical Institute “Jovan Cvijić” SASA. ISBN: 978-86-80029-47-4. (in Serbian)
Available at: <https://www.gi.sanu.ac.rs/site/index.php/sr-rs/izdavastvo/posebna-izdanja/488-hidrografska-studija-reke-detinje>

Book Chapters

1. Jakovljević, D., Milanović Pešić A., & Milijašević Joksimović, D. (2021). Protection from harmful effects of water - examples from Serbia. In P. Samui, H. Bonakdari & R. Deo (Eds.), *Water Engineering Modeling and Mathematic Tools* (pp. 157–175). Amsterdam, Netherlands; Oxford, UK, & Cambridge, MA, USA: Elsevier. ISBN. 978-0-12-820644-7
<https://doi.org/10.1016/B978-0-12-820644-7.00026-8>
2. Milanović Pešić A., Jakovljević, D., & Milijašević Joksimović, D. (2020). Water Resources Management in Serbia. In A. Milanović Pešić & D. Jakovljević (Eds.), *Water Resources Management: Methods, Applications and Challenges* (pp. 231–299). New York, NY: Nova Science Publishers, Inc. ISBN: 9781536182972
3. Urošev, M., Kovačević-Majkić, J., Štrbac, D., Milanović Pešić, A., Milijašević, D., Jakovljević, D., & Petrović, A. (2017). Waters of Serbia. In M. Radovanović (Ed.), *Geography of Serbia* (Special Editions, Vol. 91, pp. 160–235). Belgrade: Geographical Institute “Jovan Cvijić” SASA. ISBN: 978-86-80029-70-2. (in Serbian)

Lexicographic and Cartographic Publications

1. Milijašević Joksimović, D. (2024). *Hydrological characteristics of the Đerdap National Park*. In N. Radaković (Ed.), *Đerdap National Park: The First 50 Years* (pp. 79–85). Donji Milanovac: Public Enterprise “Đerdap National Park”. ISBN: 978-86-86047-23-6. (in Serbian)
2. Milijašević Joksimović, D. (2017). *Sketches of the epigenesis of the Sikolska River; river terraces of the Sikolska River; river terraces at the Lokva–Rušansko Brdo profile; and river terraces in the Timok basin* (pp. 93–101). In A. Milanović Pešić et al. (Eds.), *From the Notebooks of Jovan Cvijić – Interpretations and Presentations*. Belgrade: Serbian Academy of Sciences and Arts (SASA) & Geographical Institute “Jovan Cvijić” SASA (Special Editions, Vol. 94). ISBN: 978-86-7025-724-5; 978-86-80029-73-3. (in Serbian)

Available at:

http://gi.sanu.ac.rs/media/com_form2content/documents/c23/a458/f466/Cvijiceve%20beleznice_izbor%20za%20sajt_110782017.pdf

3. Milijašević, D. (2015). *Đerdap Lexicon*. Belgrade: Službeni glasnik. (author of entries). (in Serbian)
4. Milijašević, D. (2010). *Larousse: Large General Illustrated Encyclopedia*. Belgrade: Mono i Manjana. (translation of 14 thematic maps). (in Serbian)
5. Milijašević, D. (2007). *School Knowledge Compendium*. Belgrade: Institute for Textbooks and Teaching Aids. (author of 25 thematic maps). (in Serbian)

Publications in National and International Journals

1. Milijašević Joksimović, D., Petrović, A. M., Nikolova, V., Babej, J., & Novković, I. (2026). Water Quality Assessment of the Jerma River: Application of the Water Pollution Index (WPI) Within a Torrential Catchment. *Earth*, 7 (2), 58. <https://doi.org/10.3390/earth7020058>
2. Milijašević Joksimović, D., Jakovljević, D., & Doljak, D. (2025). Assessment of Multi-Depth Water Quality Dynamics in an Artificial Lake: A Case Study of the Ribnica Reservoir in Serbia. *Applied Sciences*, 15(13), 7425. <https://doi.org/10.3390/app15137425>
3. Milijašević Joksimović, D., Jakovljević, D., & Jojić Glavonjić, T. (2025). Evaluation of Water Quality in the Tamiš River in Serbia Using the Water Pollution Index: Key Pollutants and Their Sources. *Water*, 17(7), 1024. <https://doi.org/10.3390/w17071024>
4. Jakovljević, D., Milijašević Joksimović, D., & Petrović, A. M. (2025). Assessment of Lake Water Quality in Central Serbia—Using Serbian and Canadian Water Quality Indices on the Example of the Garaši Reservoir. *Sustainability*, 17(9), 4074. <https://doi.org/10.3390/su17094074>
5. Jojić Glavonjić, T., Demirović Bajrami, D., Milijašević Joksimović, D., & Milivojević, M. (2024). Recreation of Urban Residents in Nearby Protected Areas in South Banat, Serbia. *Mitteilungen der Österreichischen Geographischen Gesellschaft (Annals of the Austrian Geographical Society)*, 166, 239–262. <https://doi.org/10.1553/moegg166-089>
6. Milijašević Joksimović, D. (2023). Analysis of the flow and probability of the occurrence of low and high water levels on the Zlatska River. *Herald*, 13(27), 71–83. <https://doi.org/10.7251/her2327071m>

7. Brankov, J., Milanović Pešić, A., Milijašević Joksimović, D., Radovanović, M. M., & Petrović, M. D. (2021). Water Quality Estimation and Population's Attitudes: A Multi-Disciplinary Perspective of Environmental Implications in Tara National Park (Serbia). *Sustainability*, 13(1), 241. <https://doi.org/10.3390/su13010241>
8. Milanović Pešić, A. M., Brankov, J., & Milijašević Joksimović, D. (2020). Water quality assessment and populations' perceptions in the National Park Djerdap (Serbia): Key factors affecting the environment. *Environment, Development and Sustainability*, 22(3), 2365–2383. <https://doi.org/10.1007/s10668-018-0295-8>
9. Jakovljević, D., Milanović Pešić, A. & Milijašević Joksimović, D. (2019). Water Resources Management Issues in the Danube River Basin District—Examples from Serbia. *Water Resources*, 46(2), 286–295. <https://doi.org/10.1134/S0097807819020039>
10. Dolinaj, D., Leščešen, I., Pantelić, M., Urošev, M., & Milijašević Joksimović, D. (2019). Danube River Discharge at Bezdan Gauging Station (Serbia) and its correlation with Atmospheric Circulation Patterns. *Geographica Pannonica*, 23(1), 14–22. <https://doi.org/10.5937/gp23-18514>
11. Milijašević Joksimović, D., Gavrilović, B., & Obradović Lović, S. (2018). Application of the Water quality index in the Timok River Basin (Serbia). *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 68(3), 333–344. <https://doi.org/10.2298/IJGI180610007M>
12. Brankov, J., Jovičić, D., & Milijašević, D. (2015). Sustainable tourism in National Park „Đerdap”, Serbia: Attitudes of local population. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 65(2), 183–199. <https://doi.org/10.2298/IJGI1502183B>
13. Ducić, V., Milenković, M., Milijašević, D., Vujačić, D., Bjeljaci, Ž., Lović, S., Gajić, M., Anđelković, G., & Djordjević, A. (2015). Hiatus in global warming - example of water temperature of the Danube River at Bogojevo gauge. *Thermal Science*, 19(2), 467–476. <https://doi.org/10.2298/TSCI150430133D>
14. Brankov, J., Milijašević, D., & Milanović, A. (2012): The assessment of the surface water quality using the Water pollution index: a case study of the Timok River (the Danube river basin). *Archives of Environmental Protection*, 38(1), 49–61. <https://doi.org/10.2478/v10265-012-0004-x>
15. Milanović, A., Milijašević, D., & Brankov, J. (2011). Assessment of polluting effects and surface water quality using water pollution index: a case study of Hidro–system Danube–Tisa–Danube, Serbia. *Carpathian Journal of Earth and Environmental Sciences*, 6(2), 269–277.
16. Milijašević, D., Milanović, A., Brankov, J., & Radovanović, M. (2011). Water quality assessment of the Borska Reka River using the WPI (water pollution index) method. *Archives of biological sciences*, 63(3), 819–824. <https://doi.org/10.2298/ABS1103819M>

17. Milijašević, D., & Milanović, A. (2010). Analysis of river regime and water balance in the Detinja River Basin. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 60(2), 15–25. <https://doi.org/10.2298/IJGI1002015M>
18. Milijašević, D. (2010). Flood Frequency Analysis of the Detinja River. *Bulletin of the Serbian Geographical Society* 90(2), 15–28. <https://doi.org/10.2298/GSGD1002015M>
19. Jojić Glavonjić, T., Milijašević, D., & Panić, M. (2010). Geoheritage protection of Serbia – present situation and perspectives. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 60(1), 17–30. <https://doi.org/10.2298/IJGI1001017J>
20. Milanović, A., Urošev, M., & Milijašević, D. (2010). Floods in Serbia in the 1999–2009 period – hydrological analysis and flood protection measures. *Bulletin of the Serbian Geographical Society* 90(1), 93–121. <https://doi.org/10.2298/GSGD1001093M>
21. Ocokoljić, M., & Milijašević, D. (2010). *Elements of a river basin – terminology, meaning, and usage*. *Globus*, 35, 69–80. (in Serbian)
22. Milijašević, D. (2009). *Detinja River Basin – natural characteristics and water management issues*. *Herald*, 13, 149–157. <https://doi.org/10.7251/HER0913149M>
23. Urošev, M., Milanović, A., & Milijašević, D. (2009). Assessment of the river habitat quality in undeveloped areas of Serbia applying the RHS (River Habitat Survey) method. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 59(2), 37–58. <https://doi.org/10.2298/IJGI0902037U>
24. Milijašević, D., & Jojić Glavonjić, T. (2009). Water quality of the Djetinja River. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 59(1), 63–74. <https://doi.org/10.2298/IJGI0959063M>
25. Ocokoljić, M., Milijašević, D., & Milanović, A. (2009). *Classification of river waters in Serbia according to the degree of pollution*. *Proceedings – Faculty of Geography, University of Belgrade*, 57, 7–18. **(in Serbian)**
Available at: <https://scindeks-clanci.ceon.rs/data/pdf/1450-7552/2009/1450-75520957007O.pdf>
26. Milanović, A., Urošev, M., & Milijašević, D. (2006). *Application of the RHS method in the Golijska Moravica River Basin*. *Bulletin of the Serbian Geographical Society*, 86(2), 53–61. <https://doi.org/10.2298/GSGD0602053M>

National and International Scientific Conferences / Conference Proceedings

1. Milijašević Joksimović, D. (2023). *Physical-geographic characteristics and tourism development in the SPA Vrujci (Serbia)* [Plenary presentation]. In *Proceedings of the XI International Scientific-Practical Conference "Innovative Aspects of the*

- Development Service and Tourism*” / *Инновационные аспекты развития сервиса и туризма: сборник трудов XI Международной научно-практической конференции* (April 19–21, 2023, Stavropol, Russia) (pp. 39–43). Stavropol: Секвоя. ISBN: 978-5-6049133-9-0. <https://elibrary.ru/item.asp?id=53963832&pff=1>
2. Milijašević Joksimović, D. (2023). *Analysis of the Danube River flow near Bezdan (Serbia)*. In *Природные опасности: связь науки и практики / Natural Hazards: Connection of Science and Practice. Материалы III Международной научно-практической конференции, посвящённой 150-летию Михаила Ивановича Сумгина* (May 18–19, 2023, Saransk, Russia) (pp. 319–325). Saransk: Издательство Мордовского университета. ISBN: 978-5-7103-4570-2. <https://elibrary.ru/item.asp?id=54728771&pff=1>
 3. Milijašević Joksimović, D. (2019). *Natural and anthropogenic values in tourism development on the Avala Mountain (Serbia)*. In *Инновационные аспекты развития сервиса и туризма / Innovative Aspects of the Development Service and Tourism: сборник статей VII Международной научно-практической конференции* (April 10–12, 2019, Stavropol, Russia) (pp. 74–78). Stavropol: Секвоя. ISBN: 978-5-907110-30-4. <https://www.elibrary.ru/item.asp?id=38549419>
 4. Milijašević Joksimović, D., Pantelić, M., & Dolinaj, D. (2017). Special nature reserve “Zasavica”–the regional development potential. In *Теория и практика гармонизации взаимодействия природных, социальных и производственных систем региона / Theory and Practice of Harmonization of Interaction of Natural, Social and Production Systems of the Region: сборник научных статей Международной научно-практической конференции* (October 12–13, 2017, Saransk, Russia) (pp. 477–480). Saransk: Издательство Мордовского университета. ISBN: 978-5-7103-3424-9.
 5. Milijašević Joksimović, D., & Brankov, J. (2017). *Hydrographic objects from the aspect of sustainable development of tourism in Serbia*. In *Устойчивое развитие туристского рынка: международная практика и опыт России / Sustainable Development of Tourism Market: International Practices and Russian Experience: book of proceedings of the V International scientific-practical conference* (April 18–20, 2017, Stavropol, Russia) (pp. 48–51). Stavropol: Секвоя / SEQUOIA. ISBN: 978-5-9909675-4-0. <https://www.elibrary.ru/item.asp?id=29150682>
 6. Milijašević, D., Milanović Pešić, A., & Vyklyuk, Y. (2016). *Jovan Cvijić’s hydrological research of the Timok Basin (Eastern Serbia)*. In *Proceedings of the International Scientific Conference “150th Anniversary of Jovan Cvijić’s Birth” / Зборник радова Међународне научне конференције „150 година од рођења Јована Цвијића“* (October 12–14, 2015, Belgrade, Serbia) (Scientific Meetings, Book 162; Presidency, Book 10, Vol. 1, pp. 189–196). Belgrade: Serbian Academy of Sciences and Arts. ISBN: 978-86-7025-638-5.
http://www.gi.sanu.ac.rs/media/com_form2content/documents/c15/a23/f1019/2016Zbornik_JCvijic.pdf

7. Lović, S., Milijašević, D., & Terzić, A. (2015). *Application of the lenticular lens method for presenting floods in the area of Obrenovac municipality in May 2014.* In *Природные опасности: связь науки и практики / Natural Hazards: Connecting Science and Practice: материалы II Международной научно-практической конференции* (April 23–25, 2015, Saransk, Russia) (pp. 230–236). Saransk: Издательство Мордовского университета. ISBN: 978-5-7103-3078-4.
<https://www.elibrary.ru/item.asp?id=23796989>
8. Milijašević, D. (2012). *Preservation and protection of geoheritage in Serbia.* In *Proceedings of the 7th EUREGEO – European Congress on Regional Geoscientific Cartography and Information Systems “Sustainable Geo-Management”* (June 12–15, 2012, Bologna, Italy) (Vol. 1, pp. 268–269). Bologna: Servizio Geologico, Sismico e dei Suoli, Regione Emilia-Romagna. [Available at: http://geo.regione.emilia-romagna.it/gstatico/documenti/euregeo/7th_EUREGEO_Volume_1.pdf]
9. Milijašević, D. (2009). *Resources of mineral and thermal waters in Serbia.* In *Proceedings of the 6th European Congress on Regional Geoscientific Cartography and Information Systems “Earth and Man”* (June 9–12, 2009, Munich, Germany) (pp. 50–52). Munich: Bayerisches Landesamt für Umwelt.
10. Milanović, A., & Milijašević, D. (2008). *Recent floods as a factor of environment degradation in Serbia.* In *Proceedings of the Fourth International Scientific Conference “Global Changes and Problems: Theory and Practice”* (April 20–22, 2007, Sofia, Bulgaria) (pp. 87–92). Sofia: Faculty of Geology and Geography, Sofia University “St. Kliment Ohridski.” ISBN: 978-954-2695-3.
11. Milanović, A., & Milijašević, D. (2006). *Surface water quality in Đerdap National Park.* In *Proceedings of the First Congress of Serbian Geographers* (October 2006, Sokobanja, Serbia) (pp. 243–250). Belgrade: Serbian Geographical Society. (in Serbian)
12. Milijašević, D., & Krišanović, M. (2005). *Touristic potentials of Majdanpek municipality (eastern Serbia).* In *Proceedings of the VIII International Conference “Contemporary Trends in Tourism Industry”* (May 26–27, 2005, Ohrid, Macedonia) (pp. 293–297). Ohrid: Faculty of Tourism and Hospitality, University “St. Kliment Ohridski.” ISBN: 9989-800-59-6.

Projects

2024–2025 – *Geomorphological Interpretation of Photogrammetry and Laser Scanning Data in the Study of Torrential Watersheds* (Ministry of Science, Technological Development and Innovation of the Republic of Serbia)

2011–2019 – *Geography of Serbia* (Project No. III47007 – Ministry of Science and Technological Development of the Republic of Serbia)

2008 – *Rapid Valorization of Sustainable Development of Eco- and Ethno-Tourism in the Derdap Area* (Ministry of Economy and Regional Development)

2006–2010 – *Models of Valorization of Geopotentials in Underdeveloped Areas of Serbia* (Project No. 146011 – Ministry of Science and Technological Development of the Republic of Serbia)

2004–2005 – *The Danube–Morava Corridor as the Main Axis of Regional Development and Integration of Serbia within Southeast Europe* (Project No. 1620 – Ministry of Science and Technological Development of the Republic of Serbia)

Organization of Scientific Conferences

1. **Secretary of the Organizing Committee** – *First Congress of Serbian Geographers*, October 19–22, 2006, Sokobanja, Serbia. Serbian Geographical Society, Belgrade
2. **Member of the Organizing Committee** – *Scientific Conference on the Occasion of the 60th Anniversary of the Geographical Institute “Jovan Cvijić” SASA: Geography and Its Future*, September 24–25, 2007, Belgrade, Serbia

Other Professional Activities

1. **2012–2024** – Invited lecturer at the Petnica Science Center (Winter Seminars in Geosciences); topics in physical geography, geomorphology, and hydrology, including: “*Fluvial landforms and their morphological evolution*” and “*Physical-geographical factors and geomorphological processes on Earth – modern methodology, data collection, and interpretation*”.
2. **2013** – Invited lecturer at the Summer School of Hydrochemistry, Petnica Science Center; topic: “*Surface water research*”.
3. Delivered lectures aimed at education and public outreach on water conditions in Serbia (“*Navigation on rivers in Serbia*” and “*Water quality in the Timok River Basin*”) at the event “*Cvijić Days*” in Zrenjanin (2008) and Belgrade (2010), organized by the Serbian Geographical Society.

4. Participated in the workshop “*Implementation of the Carpathian Convention in Serbia*”, held in May 2008 in Donji Milanovac, organized by the Regional Environmental Center in cooperation with the European Academy of Bolzano (EURAC), with the support of relevant institutions of the Republic of Serbia.
5. Participated in the international workshop “*RHS application – freshwater assessment: developing tools for classifying and evaluating rivers and lakes for conservation and management*”, December 2005, organized by the Environment Agency (England and Wales), Scottish Natural Heritage, and the Institute for Nature Conservation of Serbia.
6. **2005** – Engaged by the Directorate for Construction Land of the City of Belgrade in the preparation of the study “*Physical-geographical characteristics of the locations Veliko Selo, Ostružnica, Krnjača, and Lower Čukarica*”.