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Research area

Hydrology, stochastic hydrology, extreme hydrological events, catchment runoff modelling.

Education

- PhD studies: Faculty of Sciences, University of Novi Sad (Thesis: Hydrological droughts in the basin of Velika Morava), 2016.
- MSc studies: Faculty of Geography, University of Belgrade (Thesis: Hydrological analysis of Golijaska Moravica basin), 2006.
- Graduate studies: Faculty of Geography, Moscow State University "M.V. Lomonosov", Russia, 2001.

Employment

- 2017 – Research Associate, Geographical institute "Jovan Cvijić" SASA, Belgrade
- 2006-2016 Research Assistant, Geographical institute "Jovan Cvijić" SASA, Belgrade
- 2003-2006 Scholar of Ministry of science and technological development, engaged in Geographical Institute "Jovan Cvijić" SASA, Belgrade

Published book

1. **Urošev, M.** (2007). *Golijaska Moravica River Basin – the hydrological analysis*. [in Serbian]. Belgrade: Geographical institute "Jovan Cvijić" SASA. ISBN 978-86-80029-39-9.

Book chapters in monography of international importance

1. **Urošev M.**, Milanović Pešić A., Kovačević-Majkić J., Štrbac D. (2022) Hydrological Characteristics of Serbia. In: Manić E., Nikitović V., Djurović P. (eds) *The Geography of Serbia*. (pp. 69-84). World Regional Geography Book Series. Springer, Cham. ISBN978-3-030-74700-8. https://doi.org/10.1007/978-3-030-74701-5_6
2. Panić, M., **Urošev, M.**, Milanović Pešić, A., & Miljanović, D. (2014). Hydropower development in Serbia: current state, perspectives and challenges. In Lucille Burke (Ed.), *Hydroelectricity and Power Electronics*. (pp. 1-54). New York, NY: Nova Science Publishers, Inc. ISBN: 978-1-63321-728-7
3. Kovačević-Majkić, J., **Urošev, M.**, Štrbac, D., Milanović Pešić, A. (2013): Torrential floods prevention possibilities – case study of the Skrapež River watershed (Western Serbia). In: Raskovic, B., Mrdja, S. (Eds.), *Natural Disasters: Prevention, Risk Factors and Management*. New York: Nova Science Publishers, Inc. ISBN: 978-1-62257-676-0

Published articles in international journals

1. Chalov S.R., Moreido V., **Urošev M.**, Golosov V., Zlatić M., Kasimov N. (2024). Advances in catchment and river erosion and pollutants' transport studies: from monitoring to modelling to management. *GEOGRAPHY, ENVIRONMENT, SUSTAINABILITY*, 17(4), 6-9. <https://doi.org/10.24057/2071-9388-2024-0608>
2. Nina, A., Biagi, P.F., Pulinets, S., Nico, G., Mitrović, S.T., Čadež, V.M., Radovanović, M., **Urošev, M.**, & Popović, L.Č. (2022). Variation in the VLF signal noise amplitude during the period of intense seismic activity in Central Italy from 25 October to 3 November 2016. *Frontiers in Environmental Science*. <https://doi.org/10.3389/fenvs.2022.1005575> IF=5.411
3. Blauhut, V., Stoezle, M., Ahopelto, L., Brunner, M. I., Teutschbein, C., Wendt, D. E., Akstinas, V., Bakke, S. J., Barker, L. J., Bartošová, L., Briede, A., Cammalleri, C., Kalin, K. C., De Stefano, L., Fendeková, M., Finger, D. C., Huysmans, M., Ivanov, M., Jaagus, J., Jakubínský, J., Krakovska, S., Laaha, G., Lakatos, M., Manevski, K., Neumann

Andersen, M., Nikolova, N., Osuch, M., van Oel, P., Radeva, K., Romanowicz, R. J., Toth, E., Trnka, M., **Urošev, M.**, Urquijo Reguera, J., Sauquet, E., Stevkov, A., Tallaksen, L. M., Trofimova, I., Van Loon, A. F., van Vliet, M. T. H., Vidal, J.-P., Wanders, N., Werner, M., Willems, P., & Živković, N. (2022). Lessons from the 2018–2019 European droughts: a collective need for unifying drought risk management, *Natural Hazards and Earth System Sciences*, 22, 2201–2217. IF=4.580 <https://doi.org/10.5194/nhess-22-2201-2022>

4. **Urošev, M.**, Štrbac, D., Kovačević-Majkić, J., Plavšić, J., & Yamashkin, S. (2020). Spatial distribution of specific runoff in Serbia based on rainfall-runoff relationship. *Journal of the Geographical Institute "Jovan Cvijić" SASA* 70(3), 203-214, ISSN 0350-7599. <https://doi.org/10.2298/IJGI2003203U>

5. Leščešen, I., **Urošev, M.**, Dolinaj, D., Pantelić, M., Telbisz, T., Varga, G., Savić, S., & Milošević, D. (2019). Regional flood frequency analysis based on L-moment approach (Case study Tisza river basin). *Water Resources*, 46(6), 853–860. IF=0.556 <https://doi.org/10.1134/S009780781906006X>

6. 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. ISSN 0354-8724. <https://doi.org/10.5937/gp23-18514>

7. Panić, M., **Urošev, M.**, Milanović Pešić, A., Brankov, J., & Bjeljic, Ž. (2013). Small hydropower plants in Serbia: Hydropower potential, current state and perspectives. *Renewable and Sustainable Energy Reviews*, 23, 341-349. ISSN 1364-0321, DOI:10.1016/j.rser.2013.03.016

8. Gavrilović Lj., Milanović Pešić A., & **Urošev M.** (2012). A hydrological analyses of the greatest floods in Serbia in the 1960-2010 period. *Carpathian Journal of Earth and Environmental Sciences*, 7(4), 107-116. ISSN 1842 – 4090

Book chapters in monography of national importance

1. **Urošev, M.** (2025). The Importance of the Gazivode Reservoir Catchment for Water Security in the Autonomous Province of Kosovo and Metohija [*in Serbian*]. In M. Milošević & J. Todorčić (Eds.), *Spatial Transformation of the Ground Safety Zone* (pp. 159–173). Belgrade: Geographical Institute "Jovan Cvijić" SASA; University of Belgrade, Faculty of Security Studies. ISBN 978-86-80029-89-4. <https://doi.org/10.46793/80029.90.0.159U>

2. **Urošev, M.**, Kovačević-Majkić, J, Štrbac, D, Milanović Pešić, A, Milijašević, D, Jakovljević, D, Petrović, A. (2017). Waters of Serbia [*in Serbian*]. In: M. Radovanović (Ed.), *Geography of Serbia*. (Special issue, vol. 91, pp. 160-235). Belgrade: Geographical institute "Jovan Cvijić" SASA. ISBN 978-86-80029-70-2.

Published articles in national journals

1. **Urošev, M.**, Dolinaj, D, Leščešen, I. (2016). Hydrological droughts in the Južna Morava river basin (Serbia). *Geographica Pannonica* 20(4), p. 197-207. DOI: 10.18421/GP20.04-02, ISSN 0354-8724
2. **Urošev, M.**, Dolinaj, D., & Štrbac, D. (2016). At-site hydrological drought analysis: case study of Velika Morava River at Ljubičevski most (Serbia). *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 66(2), 203-220. DOI 10.2298/IJGI1602203U, ISSN 0350-7599
3. Kovačević-Majkić, J., & **Urošev, M.**, (2014). Trends of mean annual and seasonal discharges of rivers in Serbia. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 64(2), 143-160. DOI: 10.2298/IJGI1402143K, ISSN 0350-7599
4. 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. DOI:10.2298/GSGD1001093M, ISSN 0350-3593
5. **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. DOI:10.2298/IJGI0902037U, ISSN 0350-7599
6. **Urošev, M.**, Ocokoljić, M. (2008). Limiting factors of navigation on the Tisa River [*in Serbian*]. *Bulletin of the Serbian geographical society*, 88(1), 117-124. ISSN 0350-3593
7. **Urošev, M.** (2007). Analysis of seasonal flow and minimum water discharge of Veliki Rzav for the purposes of regional water supply system "Rzav" [*in Serbian*]. *Bulletin of the Serbian geographical society*, 87(2), 41-50. DOI:10.2298/GSGD0702041U, ISSN 0350-3593
8. Milanović, A., **Urošev, M.**, Milijašević, D. (2006). Use of the RHS method in Golijaska Moravica river basin [*in Serbian*]. *Bulletin of the Serbian geographical society*, 86(2), 53-61. DOI:10.2298/GSGD0602053M, ISSN 0350-3593

9. **Urošev, M.** (2006). Water quality in the Golijaska Moravica basin [*in Serbian*]. *Bulletin of the Serbian geographical society*, 86(1), 55-60. DOI:10.2298/GSGD0601055U, ISSN 0350-3593

International scientific conferences / Publications from international scientific conferences

1. Kovačević-Majkić, J., **Urošev, M.**, Štrbac, Š., Srdić, Z., Miljanović, D. (2016). Problems related to the determination of river network density in Serbia. In Jović, V. & Petrović, M. A. (Eds.) *150th anniversary of Jovan Cvijić's birth - Proceedings of the International Conference* (pp. 99-110). Belgrade: Serbian Academy of Sciences and Arts and Geographical Institute "Jovan Cvijić" SASA.

2. **Urošev, M.**, Leščešen, I., Štrbac, D., Dolinaj, D (2016). Extreme hydrological situations on Danube River - Case study Bezdan hydrological station (Serbia). In S. Erpicum et al. (Eds.), *Sustainable Hydraulics in the Era of Global Change: Proceedings of the 4th IAHR Europe Congress (Liege, Belgium, 27-29 July 2016)* (pp.771-778). London, UK: Taylor & Francis Group. ISBN: 978-1-138-02977-4.

3. **Urošev, M.**, Milanović Pešić, A., Kovačević-Majkić, J. (2013). Nutrient load of the Danube and its main tributaries in Serbia. In S.V. Sobol (Ed.) [*in Russian*]. *Proceedings of the Congress of the International Scientific and Industrial Forum "Great Rivers 2013". Volume 1.* (pp. 48-52). N. Novgorod: NNGASU. ISBN 978-5-87941-941-2.

4. **Urošev, M.**, & Milošević, M. (2004). Relationship between flow of phosphorus, mean annual discharge and seasonal water flow of the Moscow river. In Jones, J. A. A. & Vardanian, T. G. (Eds.), *Proceedings from conference "The rational use and conservation of water resources in a changing environment", Vol.1*, (pp. 144-146). Yerevan: Yerevan State University Press.

5. Radovanović, M., Kovačević, J., & **Urošev, M.** (2004). Some aspects of researches of the Danube water regime in Serbia under the temperature changes conditions. In Jones, J. A. A. & Vardanian, T. G. (Eds.), *Proceedings from conference "The rational use and conservation of water resources in a changing environment", Vol.1*, (pp. 208-213). Yerevan: Yerevan State University Press.

National scientific conferences / Publications from national scientific conferences

1. Štrbac, D., **Urošev, M.**, Milošević, M, Todorović D. (2015). Use of GIS of local self-government in conditions of natural disaster [*in Serbian*]. *Proceedings from the conference "The planning and normative protection of space and*

environment" (pp. 123-128). Belgrade: Association of Spatial Planners of Serbia and University of Belgrade - Faculty of Geography, ISBN 978-86-6283-023-4 (APPS).

2. **Urošev, M.**, Kovačević-Majkić, J. (2007). Application of the Microstation software in the hydrological study of the basin [*in Serbian*]. *Proceedings of the First Congress of Serbian Geographers, Vol. 1* (pp. 251-255). Belgrade: Serbian Geographical Society, ISBN 978-86-82751-20-5.

3. **Urošev, M.** (2004). European and our water legislation [*in Serbian*]. In Đukić, A. (Ed.), *Proceedings from the 33rd Conference of the Yugoslav Society for Water Protection "Water 2004"*, 8. – 11. june 2004, reservoir Bor, (pp. 9-12). Belgrade: Yugoslav Society for Water Protection. ISBN 86-904241-1-3

Participation in projects

- from 2011-. Geography of Serbia (47007 – Ministry of education and science of the Republic of Serbia)
- 2006–2010. Modes of evaluating the geopotential of the underdeveloped areas in Serbia (146011– Ministry of Science and Technological Development of the Republic of Serbia)

Уређивање тематских зборника, часописа и колективних дела

- Editor of the journal Geography, Environment, Sustainability – Special Issue: Transboundary Catchment Erosion and Pollution Problems (2024). <https://ges.rgo.ru/jour/pages/view/sp15>. e-ISSN: 2542-1565 – Editorial work for an international scientific journal (SJR: Q2).
- Technical editor of the Journal of the Geographical Institute "Jovan Cvijic" SASA, 2010-2013.

Membership in professional associations

- The Serbian Geographical Society
- IAHS (the International Association of Hydrological Sciences)

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