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Area of interest

physical geography, general hydrology, natural resources, natural hazards

Education

- Ph. D. Faculty of Geography, University of Belgrade. Thesis: Torrential floods assessment in Serbia; July 2018
- MSc studies: Faculty of Geography, University of Belgrade. Thesis: Hydrological characteristic of the Skrapež River and water management problems in its basin; March 2008.
- BSc studies: Faculty of Geography, University of Belgrade; graduated in 2000
- Grand Combin Summer School. Course theme: "Physics and Predictability of rainfall and floods". St. Oyen, Italy, 2002
- International workshop "Fresh water assessment: developing tools for classifying and evaluating rivers and lakes for conservation and management", IAD national committee of Serbia and Montenegro, Novi Sad, 2005

Employment

- since 2003: Geographical Institute "Jovan Cvijić" of the Serbian Academy of Sciences and Arts
- 2001-2003: Geographical Institute "Jovan Cvijić" of the Serbian Academy of Sciences and Arts - Scholarship holder, funded by the Ministry of Science and Technology of the Republic of Serbia

Membership in professional organizations

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

National monography

Kovačević-Majkić, J. (2009). *Hydrogeographic study of the Skrapež River*. (In Serbian with summary and figure captions in English). Belgrade: Special issues of the Geographical Institute "Jovan Cvijić" and Serbian Geographical Society, No. 74, 1-133.

Papers in international journals

[Petrović A.M., Kovačević-Majkić J., Milošević M.V. \(2016\)](#). Application of run-off model as a contribution to the torrential flood risk management in Topiderska Reka watershed, Serbia. *Nat hazards* 82(3), 1743-1753. DOI 10.1007/s11069-016-2269-1. ISSN: 0921-030X (printed) 1573-0840 (Online)

V. Milošević, M., Kovačević-Majkić, J., Čalić, J., Milivojević, M. (2015). Spatial distribution and morphology of thufur on the southern rim of the Vlasina Lake, Serbia. *Erdkunde* 69(1), 33-47. DOI: 10.3112/erdkunde.2015.01.03

Kovačević-Majkić, J., Panić, M., Miljanović, D., Miletić, R. (2014). Vulnerability to natural disasters in Serbia - spatial and temporal comparison -. *Nat Hazards* 72(2), 945-968 DOI 10.1007/s11069-014-1045-3

Kovačević-Majkić, J., V. Milošević, M., Panić, M., Miljanović, D., Čalić, J. (2014). Risk education in Serbia. *Acta Geographica Slovenica* 54 (1), 163-178. DOI: 10.3986/AGS54305

Lukić, D., Karadžić, D., Radovanović, Milenković, M., Gajić, M., Milanović, S., Kovačević-Majkić, J. (2012). The influence of chemical characteristics of precipitation on tree health in Banjica forest (Belgrade, Serbia). *Arch. Biol. Sci.*, 64 (3), 1217-1225. DOI:10.2298/ABS1203217L

Chapters in international monographs

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. Safety and Risk in Society* (pp.175-202). New York: Nova Science Publishers, Inc. ISBN: 978-1-62257-676-0

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. Safety and Risk in Society* (pp.175-202). New York: Nova Science Publishers, Inc. ISBN: 978-1-62257-676-0

Papers in Serbian and foreign national journals

Urošev, M., Štrbac, D., Kovacevic-Majkic, J., Plavšić, J., & Yamashkin, S. (2020). Spatial distribution of specific runoff in Serbia based on rainfall-runoff relationship. *J. Geogr. Inst. Cvijić*. 70(3), 203-214, <https://doi.org/10.2298/IJGI2003203U>.

Milošević, M.V., Štrbac, D., Čalić, J., Kovačević-Majkić, J., Panić, M., Miljanović, D. (2015). Education in the system of prevention and mitigation of natural disasters. *Izgradnja* 69 (11-12), 547-556 (In Serbian with summary in English)

Kovačević-Majkić, J., Urošev, M. (2014). Trends of mean annual and seasonal discharges of rivers in Serbia. *J. Geogr. Inst. Cvijić. 64(2)*. DOI: 10.2298/IJGI1402143K

Panić, M., Kovačević-Majkić, J., Miljanović, D., Miletić, R. (2013). Importance of natural disaster education - Case study of the earthquake near the city of Kraljevo - first results. *J. Geogr. Inst. Cvijić. 63(1)*. DOI:10.2298/IJGI121121001P

Kovačević-Majkić, J. (2008). Hydrological analyses in Skrapež River basin. *J. Geogr. Inst. Cvijić. 58*, 43-58 (In Serbian with abstract and summary in English)

Kovačević-Majkić, J., Štrbac, D. (2008). Spatial interpolation of precipitation depending on elevation: Case study of the Skrapež River, Western Serbia. *Bulletin of the Serbian Geographical Society 88 (1)*, 89-100 (In Serbian with abstract and summary in English)

Milanović, A., Kovačević-Majkić, J. (2007). Evaluation of surface water quality and pollution in Lepenica River basin. *Bulletin of the Serbian Geographical Society 87(1)*, 175-184 (In Serbian with abstract and summary in English)

Kovačević Majkić, J., Radovanović, M. (2006). Hydrological features of Ljig municipality. *J. Geogr. Inst. Cvijić. 55*, 37-52 (In Serbian with abstract and summary in English)

Kovačević Majkić, J., Milivojević, M. (2006). Physical-geographic characteristics of Suvobor region and their significance for the development of plum production. *Bulletin of the Serbian Geographical Society 86(1)* 73-84 (In Serbian with abstract and summary in English)

Milivojević, M., Kovačević-Majkić, J. (2005). Glacial lakes Buni and Jezerce - Albania. *Bulletin of the Serbian Geographical Society 85(1)*, 11-18 (In Serbian with abstract and summary in English)

Miljanović, D., Kovačević-Majkić, J., Milanović, A. (2004). Environmental analysis in the zone of Corridor X in Serbia. *Bulletin of the Serbian Geographical Society 84(2)*, 165-181 (In Serbian with abstract and summary in English)

Kovačević, J., Štrbac, D. (2003). Danube – geographical information system. *Danubius 1-2/2002*, International Scientific Forum "Danube-the River of Cooperation" (In Serbian with abstract and summary in English)

Papers in popular journals

Kovačević, J. (1998). Natural drainage of Monoštorski Rit wetland. *Земља и људи 48*, 14–19 (In Serbian)

Chapters in national monographs

Урошев, М., Ковачевић-Мајкић, Ј., Штрбац, Д., Милановић Пешић, А., Милијашевић, Д., Јаковљевић, Д, Петровић, А. (2017). Воде Србије. У Радовановић, М. (Ур.), *Географија Србије*. Посебна издања 91, 160-235. Београд: Географски институт „Јован Цвијић“ САНУ, ISBN 978-86-80029-70-2 (In Serbian)

Papers in international conference proceedings

Telbisz, T., Calic, J., Kovačević-Majkić, J., Brankov, J., Micić, J., & Mari, L. (2020) Karstic National Parks' Roles and Potentials – Views and Opinions from Tara National Park, Serbia. In P. Kambesis, A. Singer, & L. A. Bledsoe (Eds), *Proceedings for Conservation of Fragile Karst Resources – A Workshop on Sustainability and Community in support of UNESCO science programs*; August 18-20, 2020 (p. 20).

Ćalić, J., Kovačević-Majkić, J., Panić, M., Milošević, V., M., Miljanović, D. (2015). Natural hazards in the formal education system in Serbia – facts and experiences. *EGU General Assembly, Geophysical Research Abstracts*, Vol. 17, EGU2015-PREVIEW, Vienna <http://meetingorganizer.copernicus.org/EGU2015/EGU2015-7888.pdf>

Milošević, M.V., Ćalić, J., Kovačević-Majkić, J & Petrović, A. (2015). Geomorphological indicators of natural disasters – case study of Tekija mudflow in 2014 (eastern Serbia). In Filipović, D., Šećerov, V. & Radosavljević, Z. (Eds.): *Planska i normativna zaštita prostora i životne sredine. VIII naučno-stručni skup sa međunarodnim učešćem*. Belgrade: Serbian Spatial Planners Association and University of Belgrade - Faculty of Geography, 563–570 (In Serbian with abstract in English)

Kovačević-Majkić, J., Urošev, M., Štrbac, Š., Srdić, Z., Miljanović, D. (2015). Problems related to the determination of river network density in Serbia. In Ana M. Petrović (Eds.) *150th anniversary of Jovan Cvijić's birth. Book of abstracts*, p.57. Serbian Academy of Sciences and Arts and Geographical Institute "Jovan Cvijić" SASA. Belgrade.

Ćalić, J., Panić, M., Miljanović, D., Kovačević-Majkić, J., V. Milošević, M. (2015). Education as key segment for prevention improvement in disaster risk management system in Serbia. In Đorđević, I., Glamotchak, M., Stanarević, S., Gačić, J. (Eds.) *20 Years of Human Security: Theoretical Foundations and Practical Applications*, pp. 177-186. Belgrade: University of Belgrade – Faculty of Security Studies

Urošev, M., Milanović Pešić, A, Kovačević-Majkić, J. (2013). Nutrient load on the Danube River and its main tributaries in Serbia. In S.V. Sobol (Ed.), *Proceedings of the 15th international congress of the scientific and industrial forum of the "Great Rivers 2013"*. vol. 1. (pp.48-52). N. Novgorod: NNGASU. [in Russian].

Kovačević-Majkić, J., Miljanović, D., Panić, M., Milošević, M. V., Ćalić, J. (2013): Evaluation of geography teaching in Serbia considering its role in natural disaster prevention. *International conference: Natural hazards – Lessons from the past, links between science and practice. Book of abstracts*, p. 43. Serbian Academy of Sciences and Arts and Geographical Institute "Jovan Cvijić" SASA. Belgrade.

Kovačević-Majkić, J., Panić, M., Miljanović, D., Miletić, R. (2013): Spatial and temporal comparison of vulnerability to natural disasters in Serbia. *International conference: Natural hazards – Lessons from the past, links between science and practice. Book of abstracts*, p. 41. Serbian Academy of Sciences and Arts and Geographical Institute "Jovan Cvijić" SASA. Belgrade.

Kovačević-Majkić, J., Miljanović, D., Panić, M., Milanović Pešić, A. (2012). Problems of incorporation of natural disaster contents in geography teaching, and possible solutions. *International conference: Natural hazards – Lessons from the past, prevention and prediction. Abstract book*, p. 19. University of Novi Sad, Faculty of Science, Department of Geography, Tourism and Hotel Management. Novi Sad

Panić, M., Kovačević-Majkić, J., Miljanović, D., Vukelić J. (2012). Importance of education in natural disaster prevention - earthquake in Kraljevo and the reactions of school-age children. *International conference: Natural hazards – Lessons from the past, prevention and*

prediction. Abstract book, p. 17-18. University of Novi Sad, Faculty of Science, Department of Geography, Tourism and Hotel Management. Novi Sad

Kovačević-Majkić, J., Miljanović, D., Panić, M., Milošević, M., Čalić J. (2012). Geographieunterricht als Grundlage für die Naturkatastrophenvorsorge in Serbien -Aktueller Stand und Perspektiven -. *12. Forum Katastrophenvorsorge „Risiko Lernen-Lehren-Leben“*. Bonn. Poster presentation.

Kovačević, J., Milanović, A. (2003). Water amount analysis in Skrapez river basin in order of rational solving water-economy problems. *4th European Congress on Regional Geoscientific Cartography and Information Systems "Geoscientific Information for Spatial Planning"*, Volume II, Servizio Geologico, Sismico e dei Suoli, Regione Emilia-Romagna, Bologna, 553-554

Radovanović, M., Kovačević, J., Urošev, M. (2004). Some aspects of researches of the Danube water regime in Serbia under the temperature changes conditions. *Proceedings the International Conference: The rational use and conservation of water resources in a changing environment*, Vol 1. Yerevan, 208-213

Bjeljac, Z., Kovačević, J., Milanović, A. (2004). Plain hydropotentials of river backwaters on example of the Danube in Vojvodina. *Proceedings the International Conference: The rational use and conservation of water resources in a changing environment*, Vol 1. Yerevan, 128-133

Bjeljac, Z., Kovačević, J., Milanović, A. (2003). Aspects of using on plain waters resources. *Međunarodna eko-konferencija, Zaštita životne sredine gradova i prigradskih naselja I*, Ekološki pokret grada Novog Sada, Novi Sad, 129-134

Kovačević, J., Milanović, A. (2003). Ecotourism development possibilities in Danube basin in area of Belgrade. *"The Development and Potentials of Ecotourism on Balkan Peninsula"*, Volume III, Geographical Institute "Jovan Cvijić", SANU, Belgrade, Serbia, Geographical Institute of Bulgarian Academy of Sciences, Sofia, Bulgaria, Faculty of Tourism and Hospitality, Ohrid, Macedonia, pp. 105-118

Milanović, A., Kovačević, J. (2003). Natural potentials of Vlasina lake as a base of ecotourism development. *"The Development and Potentials of Ecotourism on Balkan Peninsula"*, Volume I, Geographical Institute "Jovan Cvijić", SANU, Belgrade, Serbia, Geographical Institute of Bulgarian Academy of Sciences, Sofia, Bulgaria, Faculty of Tourism and Hospitality, Ohrid, Macedonia, pp. 49-58

Milanović, A., Kovačević, J. (2002). Hydropotential of Drina river basin and its exploitation. *International Scientific Conference In Memory of Prof. Dimitar Jaranov, Development and state of environment*, Geographical Institute BAN, Sophia, 235-243

Papers in Serbian and foreign national conference proceedings

Štrbac, D., Kovačević-Majkić, J., Miljanović, D. (2012). Calculation of annual precipitation by GIS. *Proceedings of the III Congress of Serbian geographers*, Banja Luka, 213-222

Milošević, M., Kovačević-Majkić, J., Panić, M. (2012). Natural disasters and geography teaching in Serbia – current state -. *Proceedings of the international scientific meeting: Problems and challenges of contemporary geographic science and teaching*, Belgrade, 161-166

Urošev, M., Kovačević-Majkić, J. (2007). The application of software Microstation in hydrological research of the river basin. *Proceedings of the I Congress of the Serbian geographers*, Serbian Geographical Society, Belgrade, 251-256

Kovačević Majkić, J. (2006). Quality and water protection on Tara mountain as condition for eco-tourism development. *Proceedings of the Conference "Touristic valorisation of the Tara mountain"*, Geographical Institute "Jovan Cvijić", SANU, Belgrade, 121-126

Milanović, A., Kovačević-Majkić, J. (2004). State of water quality in rivers along Corridor 10. *Proceedings of the 33. year Conference on actual problems of actual problemima korišćenja i zaštite voda "Water 2004"*, Yugoslav Water Pollution Control Society, lake Borsko jezero, 117-122

Lexicographic, encyclopedic and cartographic publications

Group of authors (2019). *From the notebooks of Jovan Cvijić – Selected Pages and Interpretations* -. (p.1–199) Special Edition 94. Editors: Ana Milanović Pešić (Editor-in- Chief), Jelena Čalić, Marko D. Petrović, Aleksandra Terzić, Zlata Vuksanović-Macura. Belgrade: SASA and Geographical Institute „Jovan Cvijić“ SASA, ISBN 978-86-7025-792-4 (SASA), (author of certain pages in interpretations of archive materials)

Group of authors (2016). *Lexicon of the Fruška gora National Park* (p.1-376), Belgrade: Službeni glasnik, NP Fruška gora, Geographical institute „Jovan Cvijić“. ISBN 978-86-519-1900-1

Group of authors (2016). *Lexicon of the Tara National Park* (стр.1-372), Belgrade: Službeni glasnik, NP Tapa, Geographical institute „Jovan Cvijić“. ISBN 978-86-519-1899-8

Other important papers

Kartal, V., Orlović Lovren, V., Milošević, M. V., Kovačević-Majkić, J., Čalić, J., Milanović Pešić, A., Beli, S., Štrbac, D., Panić, M., Miljanović, D. (2018). *How to protect ourselves against natural disasters - Handbook for primary school teachers*. Belgrade, The Primary School Teachers' Association of the Republic of Serbia, p. 204; ISBN: 978-86-82469-11-7. (In Serbian)

Čalić, J., Kovačević-Majkić, J., Panić, M., Milošević, M.V., Miljanović, D. (2015). Non-systematic inclusion of DRR concepts and practices in the compulsory education network, prior to formal inclusion into school curricula - Case study of Serbia. *Input Paper Prepared for the Global Assessment Report on Disaster Risk Reduction 2015*. UNISDR. Available at: <http://www.preventionweb.net/english/hyogo/gar/2015/en/bgdocs/inputs/Calic%20et%20al.,%202013.%20Non-systematic%20inclusion%20of%20DRR%20concepts%20and%20practices%20in%20the%20compulsory%20education%20network.pdf> (accessed: March 19, 2015)

Recent projects

- 2011-2020: Geography of Serbia (47007 – Ministry of Education and Science of the Republic of Serbia)
- 2017-2021: The changing role of karst national parks in human-environment relations: A regional comparison (124497 - NKFI; National Research, Development and Innovation Office, under the sponsorship of the Hungarian National research, development and innovation office).
- 2018: Glac – Pannonia Project (International project with the Department of Classics and Ancient History of the University of Sydney and Archaeological Institute from Belgrade)
- 2010-2011: Natural Disasters as Factors of Transformation of Landscape and Planning Documents in Serbia and Slovenia (the bilateral agreement concluded between the Ministry of Science and Technological Development of the Republic of Serbia and the Republic of Slovenia)
- 2005–2010: Modalities of geopotentials evaluation of undeveloped regions of Serbia (146011–Ministry of Science and technological development)
- 2000–2005: Danube-Morava Corridor as the Main Axis of Regional Development and Integration of Serbia into the South-Eastern Europe (1620 – Ministry of Science and technological development)

Editor of thematic collections of papers

- Technical editor of the publications of the Geographical Institute "Jovan Cvijic" SANU: "The development and potentials of ecotourism on Balkan Peninsula", volume. I, II, III, 2003

Workbooks

- Milošević, V. M., Čalić, J., Kovačević-Majkić, J., Milanović, A., Milivojević, M. (2012). Geography – workbook for competition. Bigz. Beograd
- Milošević, V. M., Kovačević-Majkić, J., Čalić, J., Milivojević, M., Milanović, A. (2010). Workbook for competition in geography 2. Zavod za udžbenike. Beograd
- Kovačević-Majkić, J., Birovljev, N. (2010). Moja planeta 7 - workbook for geography for 7. grade of primary school (BIGZ, Belgrade)

Miscellaneous

- lecturer at the programs of the advanced professional training for geography teachers: "How to protect of natural disasters" (2014-2018), "Natural disasters and geography education" (2008-2014), "Instrumental collecting of spatial data" (2010-2013), "The corridors of Serbia" (2012-2013, 2018-) and "Toward contemporary geography teaching" (2008-2009)
- author of geographic maps in Serbian encyclopedia, Matica Srpska, Serbian Academy of Sciences and Arts, Zavod za udžbenike, I (1,2)

- coauthor of Strategy of the development of Ljig Municipality (2005)
- coauthor of Strategy of the development of Kosjerić Municipality (2003)
- coauthor of study: Physical-geographic characteristics of Veliko Selo, Ostružnica, Krnjača and Čukarica settlements (2003)
- participation in the Science festivals: „Nema teorije“, topic: „Upoznaj sliv i ostani živ“ (2012) and „Sve je moguće“ (2013), topic: „Kruži, kruži i zaokruži“ (2014)

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