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Broad area of specialization

Geography, Demography, and Cartography

Research expertise

Spatial demography, Population Geography, Spatial patterns of demographic phenomena and processes

Membership of professional bodies

Association of Demographers of Serbia

Education

- Doctoral study: Faculty of Geography University of Belgrade, Department for Demography, 2010–2019; Doctoral thesis: Model of spatial manifestation of demographic processes in Serbia.
- Graduate study: Faculty of Geography University of Belgrade, Department for Geography, Belgrade, 2010.

Employment

- 2020– ____, Research Associate, Geographical Institute „Jovan Cvijić“ SASA, Belgrade

- 2012–2020, Research Assistant, Geographical Institute „Jovan Cvijić“ SASA, Belgrade
- 2012, Trainee Researcher, Geographical Institute „Jovan Cvijić“ SASA, Belgrade
- 2010–2012 Volunteer, Geographic institute „Jovan Cvijić“ SASA, Belgrade

Selected scientific papers

1. Lukić, V., **Lović Obradović, S.**, & Stojilković Gnjatović, J. (2023). Did the COVID-19 pandemic change internal rural migration patterns in Serbia? *ERDKUNDE Archive for Scientific Geography*, 77(3), 233–249. <https://doi.org/10.3112/erdkunde.2023.03.04>
2. **Lović Obradović, S.**, Matović, S. & Stevanović, M. (2023). Analysis of risk factors among agegender categories of drivers aiming to increase traffic safety. *Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series*, 3, 32–39. https://www.utgjiu.ro/revista/ec/pdf/2023-03/03_Obradovic.pdf
3. Matović, S., & **Lović Obradović, S.** (2023). Are there any differences between men and women in Serbia's human resources for sustainable development? *Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series*, 3, 89–97. https://www.utgjiu.ro/revista/ec/pdf/2023-03/10_Matovic.pdf
4. **Lović Obradović, S.**, Rabiei-Dastjerdi, R., & Matović, S. (2022). Identifying spatiotemporal variability of traffic accident mortality. Evidence from the City of Belgrade, Serbia. *Central European Journal of Geography and Sustainable Development*, 4(2), 78–93. <https://doi.org/10.47246/CEJGSD.2022.4.2.5>
5. **Lović Obradović, S.**, Rabiei-Dastjerdi, H., & Matović, S. (2022). A population-based spatio-temporal analysis of the early COVID-19 dynamic in Serbia. *Stanovništvo*, 60(1), 1–17. <https://doi.org/10.2298/STNV2201001L>
6. **Lović Obradović, S.**, Matović, S., Rabiei-Dastjerdi, H., & Matthews, S. (2022). An ecological study of vulnerability to COVID-19 in Serbia—using Hotspot Analysis for Evidence-Based Population Health Policy. *Forum geografic*, XXI(1), 71–82. <https://doi.org/10.5775/fg.2022.103.i>
7. Lukić, V., **Lović Obradović, S.**, & Ćorović, R. (2022). COVID-19 and internal migration in Serbia—Geographical perspective. *Journal of the Geographical Institute “Jovan Cvijić” SASA*, 72(2), 191–205. <https://doi.org/10.2298/IJGI2202191L>
8. Matović, S., & **Lović Obradović, S.** (2021). Assessing socio-economic vulnerability aiming for sustainable development in Serbia. *International Journal of Sustainable Development & World Ecology*, 19(1). <https://doi.org/10.1080/13504509.2021.1907629>
9. **Lović Obradović, S.**, Krivošejev, V., & Yamashkin, A. A. (2020). Utilization of hot spot analysis in the detection of spatial determinants and clusters of the Spanish flu mortality. *Journal of the Geographical Institute “Jovan Cvijić” SASA*, 70(3), 289–297. <https://doi.org/10.2298/IJGI2003289L>
10. **Lović Obradović, S.**, & Matović, S. (2018). Spatial demographic inequalities and regional development in Serbia. *Reconomy*, 4(3), 88–94. <https://doi.org/10.15826/recon.2018.4.3.013>
11. **Lović Obradović, S.**, Babović, S., & Shpak, N. (2016). Serbia and Russia on the demographic map of Europe two decades after the fall of communism. *Trames*, 20(1), 59–73. <https://doi.org/10.3176/tr.2016.1.04>

12. Babović, S., **Lović Obradović, S.**, & Prigunova I. (2016). Depopulation of villages in southeastern Serbia as hindrance to economic development. *Journal of the Geographical institute "Jovan Cvijić" SASA*, 66(1), 61–74. <https://doi.org/10.2298/ijgi1601061b>
13. Babović, S., **Lović Obradović, S.**, & Radovanović M. (2016). Foreign direct investments in Serbia as a form of cross-border cooperation. *Forum geografic*, XV(2), 189–194. <https://doi.org/10.5775/fg.2067-4635.2016.231.d>
14. Ducić, V., Milenković, M., Milijašević, D., Vujačić, D., Bjeljac, Ž., **Lović, S.**, Gajić, M., Anđelković, G., & Đorđević, A. (2015). Hiatus in global warming – example of water temperature of the Danube river at Bogojevo Gauge (Serbia). *Thermal Science*, 19(2), 467–476. <https://doi.org/10.2298/TSCI150430133D>
15. Terzić, A., Bjeljac, Ž. & **Lović, S.** (2013). The possibilities of tourist affirmation of events in the municipality of Kruševac. *Journal of the Geographical institute "Jovan Cvijić" SASA*, 63(2), 53–65. <https://doi.org/10.2298/ijgi1302053t>
16. **Lović, S.**, Bjeljac, Ž., & Cvetković, M. (2012). Tourist event "Days of plum" at Blace: Demographic and geographic analysis of visitors. *Journal of the Geographical institute "Jovan Cvijić" SASA*, 62(2), 81–92. <https://doi.org/10.2298/ijgi12020811>
17. Vemić, M., & **Lović, S.** (2011). Contemporary atlases of Serbia. *Journal of the Geographical institute "Jovan Cvijić" SASA*, 61(1), 107–116. <https://doi.org/10.2298/IJGI1101107V>
18. Bjeljac, Ž., & **Lović, S.** (2011). Demographic analysis of foreign visitors to the EXIT festival, Novi Sad. *Journal of the Geographical institute "Jovan Cvijić" SASA*, 61(2), 98–108. <https://doi.org/10.2298/ijgi1102097b>

Chapter in monographs

1. **Lović Obradović, S.**, & Vojković, G. (2021). The Impact of Spatial-Demographic Disparities on Fertility Variations in Serbian Municipalities—An Example of Hidden Content Research. In M. Krevs (Ed.), *Hidden Geographies. Key Challenges in Geography (EUROGEO Book Series)*. Springer. https://doi.org/10.1007/978-3-030-74590-5_18
2. **Lović Obradović, S.** (2019). Environmental Investments. In: W. Leal Filho, A. Azul, L. Brandli, P. Özuyar, & T. Wall (Eds.), *Partnerships for the Goals. Encyclopedia of the UN Sustainable Development Goals*. Springer. https://doi.org/10.1007/978-3-319-71063-1_67-1
3. Kokotović Kanazir, V., Stojilković Gnjato, J., Filipović M., Ivković M., Babović, S., & **Lović Obradović, S.** (2017). Population of Serbia. M. Radovanović (Eds.) *Geography of Serbia (506–613)*. Belgrade: Geographical Institute „Jovan Cvijić“ Serbian Academy of Sciences and Arts.

Monographs

1. Лукић, В., & **Ловић Обрадовић С.**, (2024). *Србија као одређиште: ко се досељава а ко се враћа?* [Serbia as a destination: who immigrates and who returns]. Републички завод за статистику. ИСБН 978-86-6161-272-5

Selected papers from international conferences

1. **Lović Obradović, S.**, Matović, S., & Popović, T. (2024, April 25–26). *Exploring the potential of tourism in revitalizing population-shrinking areas*. XII International scientific-practical conference “Inovative aspects of the development service and tourism”, Stavropol, Russia. https://www.researchgate.net/publication/381733521_LovicObradovic_Matovic_Popovic
2. **Lović Obradović, S.**, Matović, S., & Jovanović J. (2024, May 23–25). *Temporal analysis of the leading causes of death in the Serbian population: insights from joinpoint regression analysis*. III International demographic forum “Demography and global challenges”, Tom 1, Voronezh, Russia. https://www.researchgate.net/publication/381650424_Tom1_A5_LovicObradovic_et_al
3. **Lović Obradović, S.**, Jovanović, J., & Stojanović, M. (2024, June 16–21). *Uncovering traffic accident patterns through the lens of spatial analysis*. The 9th International Conference on Cartography and GIS, Nessebar, Bulgaria. <https://iccgis2024.cartography-gis.com/papers/9ICCGIS-Proceedings.pdf>
4. Matović, S., **Lović Obradović, S.**, & Borović, V. (2024, May 23–25). *Sustainable development goals achievement – comparison between Serbia and Finland*. III International demographic forum “Demography and global challenges”, Voronezh, Russia. https://www.researchgate.net/publication/381733246_Tom1_A5_Matovic_et_al
5. Jasmina, J. M., Marković, M., Stojanović, M., Simić, M., Lukić, T., & **Lović Obradović, S.** (2024, June 16–21). *Evaluation and selection of methods and forms of cartographic presentation of demographic indicators*. The 9th International Conference on Cartography and GIS, Nessebar, Bulgaria. <https://iccgis2024.cartography-gis.com/papers/9ICCGIS-Proceedings.pdf>
6. Jojić Glavonjić, T., & **Lović Obradović, S.** (2024, October 23–25). *Protected status as a development opportunity for the community: attitudes of the local population*. The 5th Congress of Slavic Geographers and Ethnographers, Belgrade, Serbia. http://www.gi.sanu.ac.rs/images/Book_of_Abstracts_and_Contributed_Papers_web.pdf
7. **Lović Obradović, S.**, & Matović, S. (2024, April 19–20). *Demographic future of municipalities in Serbia through the lens of space-time pattern mining*. “Population in post-Yugoslav countries: (Dis)Similarities and Perspectives”, Belgrade, Serbia. <https://doi.org/10.59954/PPYCDSP2024.33>
8. Matović, S., **Lović Obradović, S.**, & Vuković, D. (2024, May 30–June 1). *Pre-primary education and early childhood development – analysis of European countries with reference to Serbia*. EUROGEO Conference “Compromised geography: spreading a new world”, Porto, Portugal. http://gi.sanu.ac.rs/media/com_form2content/documents/c16/a799/f271/Program%20and%20Abstract%20Book-Porto-2024.pdf
9. **Lović Obradović, S.**, Matović, S., Stanojević, G., & Ćurčić, N. (2024, May 30 – June 1). *Leveraging geospatial technologies to capture spatial variation between associated factors and cardiovascular mortality*. EUROGEO Conference “Compromised geography: spreading a new world”, Porto, Portugal. http://gi.sanu.ac.rs/media/com_form2content/documents/c16/a799/f271/Program%20and%20Abstract%20Book-Porto-2024.pdf
10. **Lović Obradović, S.**, Matović, S., & Stevanović, M. (2023, 27–28 April). *Effect of traffic safety measures on different age-sex categories of drivers. Step forward or backward from the sustainable development goals in Serbia?*. International Conference “Information Society and Sustainable Development”, Valletta, Malta.
11. Matović, S., & **Lović Obradović, S.** (2023, 27–28 April). *Gender inequalities of the past hinder sustainable development today*. International Conference “Information Society and Sustainable Development”, Valletta, Malta.

12. **Lović Obradović, S.**, Matović, S., & Filipović, M. (2021, 30 September–2 October). *Spatial-demographic patterns of the population infected with COVID-19 in Serbia in early stage*. International Demographic Forum “Demography and Global Challenges” Voronezh, Russia. <https://www.elibrary.ru/item.asp?id=47171100>
13. Krivošejev, V., Bjeljic, Ž., & **Lović Obradović, S.** (2021, 30 September–2 October). *Demographic consequences of the Spanish flu pandemic in Serbia*. International Demographic Forum “Demography and Global Challenges” Voronezh, Russia. <https://www.elibrary.ru/item.asp?id=47171100>
14. Filipović, M., Kokotović Kanazir, V., & **Lović Obradović, S.** (2021, 21–22 October, 2021). *The most significant urban concentration of Serbian population and its development factors*. The International Scientific and Practical Conference “Region-2021: Optimal development strategy”, Kharkiv, Ukraine.
15. Matović, S., **Lović Obradović, S.**, & Denda, S. (2020, 08–10 September). *Economic structure of the Serbian population as an obstacle to sustainable development*. Трансформация окружающей среды и устойчивое развитие в Азиатском регионе, Irkutsk, Russia. https://dais.sanu.ac.rs/bitstream/handle/123456789/9238/Irkutsk_2020.pdf?sequence=1&isAllowed=y
16. **Lović Obradović, S.**, Matović, S., & Jojić Glavonjić, T. (2020). *Spatial-demographic inequalities as a determinant of sustainable development in Serbia*. Трансформация окружающей среды и устойчивое развитие в Азиатском регионе, Irkutsk, Russia.
17. **Lović Obradović, S.**, & Matović, S. (2020, 30 November–1 December). *Application of spatial analysis in the detection of population at risk from COVID-19 in Serbia*. Demographic aspects of the COVID-19 pandemic. Vienna, Austria. https://www.oeaw.ac.at/fileadmin/subsites/Institute/VID/PDF/Conferences/2020/COVID19/Posters/2.5_lovic_obradovic.pdf
18. **Lović Obradović S.**, & Vojković G. (2019, 29–31 August). *The Role of Spatial Demography in Visualization of Population Phenomena and Processes*. Hidden Geographies, Ljubljana, Slovenia.
19. Babović, S., & **Lović Obradović, S.** (2018, 19–22 September). *Socio-cultural sustainability of villages in Southeastern Serbia*. Sustainable development and climate change: Connecting research, education, policy and practice, Belgrade, Serbia. ISBN: 978-86-7299-278-6.
20. **Lović Obradović, S.**, & Babović, S. (2018, 19–20 April 2018). *Application of geographically weighted regression method in population distribution modeling*. Information technologies, economics and law: state and development perspectives, Chernivtsi, Ukraine, ISBN: 978-617-61-4028-3
21. Babović, S., **Lović Obradović, S.**, & Babović, I. (2017). *The influence of migration on asylum law changes*. Information technologies, economics and law: state and development perspectives, Чернівці, Україна.
22. **Lović Obradović, S.**, Babović, S., & M. Radovanović. (2017, 17–18 November). *The impact of population change on environmental policy making*. Рациональное природопользование: традиции и инновации, Moscow, Russia.
23. **Lović Obradović, S.**, & Babović, S. (2015, 12–14 October). *Cvijić's ethnopsihology – the case study of suicides in Europe*. 150th anniversary of Jovan Cvijić's birth, Belgrade, Serbia, ISBN 978-86-7025-667-5. http://www.gi.sanu.ac.rs/media/com_form2content/documents/c26/a414/f478/2016Zbornik_JCvijic.pdf

24. Vemić, M., & Lović, S. (2012, 6–10 August). *Old Serbia (Kosovo, Metohija and the Adjacent Areas) in European Maps from 1513 to 1918*. XV International Conference of Historical Geographers, Prague, Czech. ISBN 978-80-904521-8-3. <https://www.yumpu.com/en/document/read/4959951/book-of-abstracts-international-conference-of-historical-geographers>

A lexicographic unit in a scientific publication of a leading national significance

1. **Lović Obradović, S. & Štrbac, D. (2017).** *Principles and methods for assembling the ethnographic map of Balkan Peninsula – About the reasons for creating the map.* From the notebooks of Jovan Cvijić's – an overview and interpretations, p. 113.
2. **Lović Obradović, S. & Štrbac, D. (2017).** *Principles and methods for assembling the ethnographic map of Balkan Peninsula – About the principles for creating the map.* From the notebooks of Jovan Cvijić's – an overview and interpretations, p. 115
3. **Lović Obradović, S. & Štrbac, D. (2017).** *Principles and methods for assembling the ethnographic map of Balkan Peninsula – About cartographic methods.* From the notebooks of Jovan Cvijić's – an overview and interpretations, p. 117
4. **Lović Obradović, S. (2017).** Dinaric population – general characteristic. From the notebooks of Jovan Cvijić's – an overview and interpretations, p. 125
5. **Lović Obradović, S. (2017).** Dinaric population – The population of Kninska Krajina. From the notebooks of Jovan Cvijić's – an overview and interpretations, p. 127

Doctoral dissertation

Lović Obradović, S. (2019). Модел просторног испољавања демографских процеса у Србији [Model of spatial manifestation of demographic processes in Serbia]. University of Belgrade, Faculty of Geography.

List of Projects

1. 2024– __. Nacionalne manjine uhvaćene u konfliktima država: komparativna perspektiva hrvatsko–srpskih I nemačko–danskih odnosa (eng. MINUCON – Minorities Caught in State Conflicts: Comparative Perspective on Croatian–Serbian and German–Danish Relations)
2. 2021–2023. Дигитализација географских и историјских карата Србије [Digitization of geographical and historical maps of Serbia], Ministry of Culture and Information of the Republic of Serbia.
3. 2012–2019, Географија Србије [Geography of Serbia], Ministry of Education and Science of the Republic of Serbia

Organization of conferences

Member of the Organizational Committee of International conferences: Natural hazards – links between science and practice, 8–11. October, 2023 Belgrade; International Conference on Recent Trends in Geoscience Research and Applications 2023, 23–27 October 2023, Belgrade; The 5th Congress of Slavic Geographers and Ethnographers, 23–25 October, 2024.

Scientific cooperation

Visit to the Moscow State University Lomonosov and active participation in field teaching in the scientific-research base Khibini, the peninsula of Kola, Russia, July 2014.

Other

1. Editor of The 5th Congress of Slavic Geographers and Ethnographers. Book of Abstracts and Contributed Papers. Geographical Institute "Jovan Cvijić" SASA http://www.gi.sanu.ac.rs/images/Book_of_Abstracts_and_Contributed_Papers_web.pdf
2. Editor for Human Geography, Journal of the Geographical Institute "Jovan Cvijić" SASA since September 2023.
3. Technical editor of the Journal of the Geographical Institute "Jovan Cvijić" SASA December 2020–September 2023
4. Successfully completed two ESRI courses: Cartography and Going Places with Spatial Analysis
5. The author of the tests for the municipal, district, and republic competitions in Geography 2014, 2015, and 2016 and a member of the commission at the republic competition held in Požarevac (2014) and Svilajnac (2016).

The data set March, 2025