



Gorica Stanojević, PhD , Senior Research Associate

Geographical Institute "Jovan Cvijić"
Serbian Academy of Sciences and Arts
Djure Jakšića 9, 11000 Belgrade, Serbia

Phone: +381 11 2636 395, 2636594

Fax: +381 11 2637597

E-mail: g.stanojevic@gi.sanu.ac.rs

Research area

Physical Geography, Climatology, Applied Geographical Studies

Education

- Doctoral studies: University of Belgrade – Faculty of Geography (thesis: Atmospheric circulation as a predictor of spatial distribution of air temperature and precipitation in Serbia), 2016
- Master studies: University of Belgrade – Faculty of Geography (thesis: Hess-Brezowsky atmospheric circulation types and climate variability in Serbia), 2010
- Graduate studies: University of Belgrade – Faculty of Geography, 2008

Bibliography

- Malinović-Milićević, S., **Stanojević, G.**, Milićević, E., & Doljak, D. (2025). Ultraviolet radiation knowledge and exposure practices among Serbian High school students: results of a nationwide survey. *Atmosphere*, 16(6), 673. <https://doi.org/10.3390/atmos16060673>
- Malinović-Milićević, S., & **Stanojević, G.** (2024). Air pollution in Serbia. Geographical Institute „Jovan Cvijić“ SASA, Special issue, No. 101, p. 1-286. ISBN 978-86-80029-86-3. <https://doi.org/10.46793/80029-86-3.MMS>
- Stanojević, G.**, Malinović-Milićević, S., Brđanin, E., Milanović, M., Radovanović, M.M. & Popović, T. (2024). Impact of Domestic Heating on Air Pollution—Extreme Pollution Events in Serbia. *Sustainability*, 16(18), 7920. <https://doi.org/10.3390/su16187920>
- Popović, T., Ćurčić, N. B., Đurđić, S., **Stanojević, G.**, & Raković, M. (2024). An Assessment of the Climate Change Impacts on the Distribution of the Glacial Relict Woodpecker Three-Toed Woodpecker *Picoides tridactylus*. *Animals*, 14(13), 1879. <https://doi.org/10.3390/ani14131879>

- Malinović-Milićević, S., Micić, J., Denda, S., **Stanojević, G.**, Petrović, M., Gajić, T. (2024). Intensification of thermal risk in a changing climate: findings from prominent tourism destinations along the eastern Adriatic coast. *International Journal of Biometeorology*. In press. <https://doi.org/10.1007/s00484-024-02800-8>
- Lović Obradović, S., Matović, S., **Stanojević, G.**, & Ćurčić, N. (2024, May 30-June 01). Leveraging Geospatial Technologies to Capture Spatial Variation between Associated Factors and Cardiovascular Mortality. EUROGEO 2024 Annual Conference "Compromised Geography: Spreading a New World", Faculty of Arts and Humanities of University of Porto, Porto, Portugal.
- Malinović-Milićević, S., Radovanović, M.M., Milanović Pešić, A., Milenković, M., Milovanović, B., & **Stanojević, G.** (2024, October 23-25). Using machine learning in studying the impact of solar activity on Earth. The 5th Congress of Slavic Geographers and Ethnographers, Belgrade, Serbia. <https://doi.org/10.46793/CSGE5.17SMM>
- Popović, T., Ćurčić, N. B., Đurđić, S., **Stanojević, G.**, & Raković, M. (2024, October 23-25). Importance of Species Distribution Modelling in Nature Conservation: Case Study of Glacial Relict Three-Toed Woodpecker *Picoides tridactylus*. The 5th Congress of Slavic Geographers and Ethnographers, Belgrade, Serbia. <https://doi.org/10.46793/CSGE5.24TP>
- Stanojević, G.**, Malinović-Milićević, S., Ćurčić, N.B., Radovanović, M., Radivojević, A., Popović, T., & Ćurčić, S. (2023). An Assessment of the Multidimensional Drivers and Determinants of Public Risk Perception of and Behaviors Related to Exposure to Air Pollution in Serbia. *Sustainability*, 15, 16901. <https://doi.org/10.3390/su152416901>
- Malinović-Milićević, S., Doljak, D., **Stanojević, G.**, & Radovanović, M. (2022). Impact of the COVID-19 Restrictive Measures on Urban Traffic-Related Air Pollution in Serbia. *Frontiers in Environmental Science*, 10, 1–11, 10:823973, <https://doi.org/10.3389/fenvs.2022.823973>
- Panić, M., Drobnjaković, M., **Stanojević, G.**, Kokotović Kanazir, V., & Doljak, D. (2022). Nighttime lights – Innovative approach for identification of temporal and spatial changes in population distribution. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 72(1), 51–66. <https://doi.org/10.2298/IJGI2201051P>
- Milovanović, B., **Stanojević, G.**, & Radovanović, M. (2022). Climate of Serbia. In E. Manić, V. Nikitović & P. Djurović (Eds.), *The Geography of Serbia – Nature, People, Economy* (pp. 57–68), Cham, Switzerland: Springer, https://doi.org/10.1007/978-3-030-74701-5_5
- Malinović-Milićević, S., Mijatović, Z., **Stanojević, G.**, Radovanović, M., & Popović, V. (2022). Health risks of extended exposure to low-level UV radiation – An analysis of ground-based and satellite-derived data. *Science of Total Environment*, 831, 1–9, <https://doi.org/10.1016/j.scitotenv.2022.154899>
- Panić, M., Drobnjaković, M., **Stanojević, G.**, Doljak, D., & Kokotović Kanazir, V. How to catch depopulation in Serbia? Alternative approach for detection and monitoring. 8 th International Scientific Conference: GEOBALCANICA 2022. (pp. 241–248). Belgrade: Geobalcanica Society. <https://doi.org/10.18509/GBP22241p>.
- Drobnjaković, M., Panić, M., **Stanojević, G.**, Doljak, D., & Kokotović-Kanazir, V. (2022). Detection of the Seasonally Activated Rural Areas (Article). *Sustainability*, 14(3), 1604, <https://doi.org/10.3390/su14031604>
- Doljak, D.D, **Stanojević, G.B.**, & Miljanović, D. (2021). A Gis-Mcda Based Assessment for Siting Wind Farms and Estimation of the Technical Generation Potential for Wind Power in Serbia (Article). *International Journal of Green Energy*, 18(4), 363–380, <https://doi.org/10.1080/15435075.2020.1865363>

- Malinović-Milićević, S., Vyklyuk, Y., **Stanojević, G.**, Radovanović, M.M., Doljak, D.LJ., & Ćurčić, N. (2021). Prediction of tropospheric ozone concentration using artificial neural networks at traffic and background urban locations in Novi Sad, Serbia (Article). *Environmental Monitoring and Assessment*, 193(2), 1–13, <https://doi.org/10.1007/s10661-020-08821-1>
- Potić, I.M., Ćurčić, N.B., Radovanović, M.M., **Stanojević, G.B.**, Malinović-Milićević, S.B., Yamashkin, S.A., & Yamashkin, A.A. (2021). Estimation of soil erosion dynamics using remote sensing and SWAT in Kopaonik National Park, Serbia. *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 71(3), 231–247. <https://doi.org/10.2298/IJGI2103231P>
- Vyklyuk, Y., Radovanović, M.M., **Stanojević, G.**, Petrović, M.D., Ćurčić, N.B., Milenković, M.DJ., Malinović-Milićević, S.B., Milovanović, B.M., Yamashkin, A.A., Milanović-Pešić, A.Z., Lukić, D.M., & Gajić, M.R. (2020). Connection of Solar Activities and Forest Fires in 2018: Events in the USA (California), Portugal and Greece (Article). *Sustainability*, 12(24), 10261, <https://doi.org/10.3390/su122410261>
- Burić, D., & **Stanojević, G.** (2020). Trends and possible causes of cloudiness variability in Montenegro in the period 1961–2017. *Climate Research*, 81, 187–205, <https://doi.org/10.3354/cr01615>
- Stanojević, G.**, Miljanović, D., Doljak, D., Ćurčić, N., Radovanović, M., Malinović-Milićević, S., & Hauriak, E. (2019). Spatio-temporal variability of annual PM_{2.5} concentrations and population exposure assessment in Serbia for the period 2001–2016. *Journal of Geographical Institute "Jovan Cvijić" SASA*, 69(3), 197–211, <https://doi.org/10.2298/IJGI1903197S>.
- Vyklyuk, Y., Radovanović, M. M., **Stanojević, G. B.**, Milovanović, B., Leko, T., Milenković, M., Petrović, M., Yamashkin, A. A., Pešić, A. M., Jakovljević, D., & Malinović-Milićević, S. (2018). Hurricane genesis modelling based on the relationship between solar activity and hurricanes II. *Journal of Atmospheric and Solar-Terrestrial Physics*, 180, 159–164, <https://doi.org/10.1016/j.jastp.2017.09.008>
- Doljak, D.LJ., **Stanojević, G.B.**, Radovanović, M.M., & Malinović-Milićević, S. (2018). Estimation of Photovoltaic Power Generation Potential in Serbia Based on Irradiance, Air Temperature, and Wind Speed Data (Article). *Thermal Science*, 22(6), 2297–2307, <https://doi.org/10.2298/TSCI171230164D>
- Malinović-Milićević, S.B., **Stanojević, G.B.**, & Radovanović, M.M. (2018). Recent changes in first and last frost dates and frost-free period in Serbia (Article). *Geografiska Annaler: Series A, Physical Geography*, 100(1), 44–58, <https://doi.org/10.1080/04353676.2017.1369048>
- Potić, I., Ćurčić, N., Potić, M., **Stanojević, G.**, & Milinčić, M. (2018). Forest fires analysis using remote sensing techniques: A case study in East Serbia. Book of abstracts of the 48th annual meeting of the Ecological society of Germany, Austria and Switzerland, "Ecology – meeting the scientific challenges of a complex world", 10–14 September, Vienna, Austria, Gesellschaft für Ökologie e.V. (GfÖ); Institut für Ökologie, Technische Universität Berlin, p. 345; ISSN: 0171-1113.
- Stanojević, G.**, Doljak, D., & Ćurčić, N. B. (2018). The Influence of Mediterranean Cyclones on Precipitation Distribution in Serbia. Book of abstracts of the MedCLIVAR 2018 "Bridging the Mediterranean Climates", 18–21 September 2018, University of Belgrade, Belgrade, Serbia, p. 25. <https://www.medclivarconf.eu/2018/index.php/book-of-abstracts>
- Doljak, D., & **Stanojević, G.** (2017). Evaluation of natural conditions for site selection of ground-mounted photovoltaic power plants in Serbia. *Energy*, 127, 291–300, <https://doi.org/10.1016/j.energy.2017.03.140>
- Milovanović, B., Radovanović, M., Stanojević, G., Pecelj, M., & Nikolić, J. (2017). **Klima Srbije**. U: M. Radovanović (Ur.), *Geografija Srbije*. (Posebna izdanja, knj. 91, str. 94–159). Beograd: Geografski institut „Jovan Cvijić” SANU. ISBN 978-86-80029-70-2.

- Stanojević, G.** (2017). Pavle Vujević. Geografski institut „Jovan Cvijić“ SANU 1947–2017. Istorijat i perspektive. Osnivači instituta i članovi SANU zaslužni za razvoj instituta (str. 84–86). Beograd: Srpska akademija nauka i umetnosti (SANU) i Geografski institut „Jovan Cvijić“ SANU. ISBN 978-86-80029-71-9.
- Malinovic-Milicevic, S., Radovanovic, M. M., **Stanojevic, G.**, & Milovanovic, B. (2016). Recent changes in Serbian climate extreme indices from 1961 to 2010. *Theoretical and Applied Climatology*, 124(3-4), 1089–1098. <https://doi.org/10.1007/s00704-015-1491-1>
- Ducić, D. V., Milovanović, M. B., **Stanojević, B. G.**, Milenković, Dj. M., & Ćurčić, B. N. (2015). Tropical Temperature Altitude Amplification in the Hiatus Period (1998-2012). *Thermal Science*, 19(Suppl. 2), S371–S379. <https://doi.org/10.2298/TSCI150410103D>
- Radovanović, M. M., Pavlović, A. M. T., **Stanojević, B. G.**, Milanović, M. M., Pavlović, A. M., & Radivojević, R. A. (2015). The Influence of Solar Activities on Occurrence of the Forest Fires in South Europe. *Thermal Science*, 19(2), 435–446. <https://doi.org/10.2298/TSCI130930036R>
- Milovanović, B., Radovanović, M., **Stanojević, G.**, Štrbac, D. & Ćurčić, N. (2015). The climate of karst terrains in Serbia. In V. Jović & A. M. Petrović (Eds). *Proceedings. International Scientific Conference „150th Anniversary of Jovan Cvijić's birth“* (221–233). Belgrade: Serbian Academy of Sciences and Arts.
- Stanojević, B. G.**, Spalević, B. A., Kokotović, M. V., & Stojilković, N. J. (2014). Does Belgrade (Serbia) need heat health warning system? *Disaster Prevention and Management*, 23(5), 494–507. <https://doi.org/10.1108/DPM-11-2013-0200>
- Stanojević, G.** (2014). The study of climate variability in Serbia using atmospheric circulation types. *EMS Annual Meeting Abstract, Vol. 11, EMS2014-21, 14th EMS/10th ECAC, 6-10 October, 2014, Prague, Czech Republic*. <http://meetingorganizer.copernicus.org/EMS2014/EMS2014-21.pdf>
- Stanojević, G.**, Kokotović, V., Stojilković, J., Spalević, A., & Vyklyuk, Y. (2014). Review of recent results in modeling heat-mortality relation in Belgrade (Serbia). *EMS Annual Meeting Abstract, Vol. 11, EMS2014-13, 14th EMS/10th ECAC, 6- 10 October, 2014, Prague, Czech Republic*. <http://meetingorganizer.copernicus.org/EMS2014/EMS2014-13.pdf>
- Stojilković, J., Kokotović, V., **Stanojević, G.**, Spalević, A. (2014). Daily mortality counts and summer heat waves in Belgrade (Serbia). European population conference, 24-26 June, Budapest, Hungary. <http://epc2014.princeton.edu/abstracts/140640>.
- Stanojević, G.**, Stojilković, N. J., Spalević, B. A., & Kokotović, M. V. (2014). The impact of heat waves on daily mortality in Belgrade (Serbia) during summer. *Environment Hazards-Human and Policy Dimensions*, 13(4), 329–342. <https://doi.org/10.1080/17477891.2014.932268>
- Ducić, V., Luković, J., Burić, D., **Stanojević, G.**, & Mustafić, S. (2012). Precipitation extremes in the wettest Mediterranean region (Krivošije) and associated atmospheric circulation types. *Natural Hazards and Earth System Sciences*, 12(3), 687–697. <https://doi.org/10.5194/nhess-12-687-2012>
- Stanojević, G.**, Spalević, A., & Kokotović, V. (2012). Prirodni uslovi kao faktor socio-ekonomskog razvoja periurbanog pojasa Beograda. U M. Grčić & M. A. Milinčić (Ur.). *Problemi i izazovi savremene geografske nauke i nastave* (355–361). Beograd: Geografski fakultet Univerziteta u Beogradu.
- Stanojević, G.** (2012). Analysis of annual sums of precipitation in Serbia. *Journal of Geographical Institute "Jovan Cvijić" SASA*, 62(2), 1–13. <https://doi.org/10.2298/IJGI1202001S>
- Stanojević, G.** (2012). Climate of the mountain Stara Planina – Book Review. *Journal of Geographical Institute "Jovan Cvijić" SASA*, 62(1), 157–157.

- Toualy, E., **Stanojević, G.**, Kouadio, K. Y., & Aman, A. (2012). Multi-decadal Variability of Sea Surface Temperature in the Northern Coast of Gulf of Guinea. *Asian Journal of Applied Sciences*, 5(8), 552–562. DOI: [10.3923/ajaps.2012.552.562](https://doi.org/10.3923/ajaps.2012.552.562)
- Burić, D., **Stanojević, G.**, Luković, J., Gavrilović, Lj., & Živković, N. (2012). Climate change and river discharge: case study Kolubara River, Beli brod hydrological gauge. *Bulletin of Serbian Geographical Society*, 92(1), 123–130. <https://doi.org/10.2298/GSGD1201123B>
- Stanojević, G.** Atmospheric circulation types and temperature variability in Serbia. *Geophysical Research Abstracts*, Vol.13, EGU2011-6908, 2011, EGU General Assembly, 3-8 April, 2011, Vienna, Austria. <http://meetingorganizer.copernicus.org/EGU2011/EGU2011-6908.pdf>
- Stanojević, G.** & Ducić, V. The Large-Scale Atmospheric Circulation and Extreme Temperature Events in Serbia. *EMS Annual Meeting Abstracts*, Vol.8, EMS2011-736, 11th EMS/10th ECAM, 12-16 September, 2011, Berlin, German. <http://meetingorganizer.copernicus.org/EMS2011/EMS2011-736.pdf>
- Stanojević, G.** (2011). Analiza varijabilnosti sezonskih temperatura vazduha na prostoru Srbije. U R. Gnjata (Ur.). *Zbornik radova. Treći kongres srpskih geografa* (171–181). Banja Luka: Geografsko društvo Republike Srpske, PMF Univerziteta u Banjoj Luci.
- Bucić, V., Burić, D., Luković, J. & **Stanojević, G.** (2011). The changes of precipitation in Podgorica for period 1951-2010. *Bulletin of the Serbian Geographical Society*, 91(2), 63–70. <https://doi.org/10.2298/GSGD1102051D>
- Ducić, V., Luković, J., & **Stanojević, G.** (2010). Atmospheric circulation and the precipitation variability in Serbia for period 1949-2004. *Bulletin of the Serbian Geographical Society*, 90(2), 85–107. <https://doi.org/10.2298/GSGD1002085D>
- Ducić, V., **Stanojević, G.**, & Ikonović, V. (2010). Cirkulacija atmosfere i kolebanje temperature vazduha u Srbiji u periodu 1949-2004. *Zbornik radova - Geografski fakultet Univerziteta u Beogradu*, 58, 11–28. ISSN: 1450-7552
- Stanojević, G.** (2010). The classification of atmospheric circulation. *Journal of Geographical Institute "Jovan Cvijić" SASA*, 60(2), 27–37. <https://doi.org/10.2298/IJGI1002027S>