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The broad area of Specialization

Environmental protection, Physical geography, Climatology, Bioclimatology

Education

-   Doctoral studies: Department of Geography, Tourism and Hotel Management, Faculty of Sciences, University of Novi Sad. Dissertation Thesis: Monitoring the non-ionizing radiation, air pollution, and heat indexes in the Vojvodina region, November 2012. Doctor of Geosciences
-   Master studies: Association of Centers for Interdisciplinary and Multidisciplinary Studies and Research – ACIMSI, University of Novi Sad, Master thesis: Model for UV irradiance forecasting using meteorological models, December 2003. Master of Environmental Engineering
-   Graduate studies: Department of Geography, Tourism and Hotel Management, Faculty of Sciences, University of Novi Sad, December 1998.

Books

1. **Malinović-Milićević, S.,** & Stanojević, G,. (2024). Air pollution in Serbia. Book, Special Issues of Geographical Institute "Jovan Cvijic" SASA, Belgrade, vol. 101. ISBN 978-86-80029-86-3. https://doi.org/10.46793/80029-86-3.MMS (In Serbian)
2. **Malinović-Milićević, S.,** & Radovanović, M. (2016). UV radiation and heat waves in Vojvodina. Book, Special Issues of Geographical Institute "Jovan Cvijic" SASA, Belgrade, vol. 88. ISBN 978-86-80029-68-9. (In Serbian)

Chapters in Books

1. Mijatovic, Z., **Milicevic, S.,** Kapor, D., Mihailovic, D., Arsenic, I., & Podrascanin Z (2010). Solar UV radiation: monitoring and new approach in modelling - pioneering work in Serbia. In ed D.T. Mihailovic and B. Lalic (Ed.) *Advances in environmental modeling and measurements* (pp. 113-119). New York: Nova Science Publishers Inc., ISBN-13: 978-1608765997
2. Mihailović, D.T., Lalić, B., Arsenić, I., **Malinović, S.** (2004). Climate conditions for seed production. In: Seed Production, Vol. I, Eds.: Milošević, M., Malešević, M., Institute for Field and Vegetable Crops, Novi Sad, 312 pp. Institute for Field and Vegetable Crops, Novi Sad, 312 pp. (In Serbian)

Articles in International Journals

1. **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
2. Mihailović, D.T., **Malinović-Milićević, S.,** Frau, F.J., Singh, V.P. & Han, J. (2024). Predictability of monthly streamflow by considering complexity measures**.** *Journal of Hydrology*, 634, 131103. https://doi.org/10.1016/j.jhydrol.2024.131103
3. 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, 7920. https://doi.org/10.3390/su16187920
4. Brđanin, E., Milanović, M., **Malinović-Milićević, S.,** Tomić, N., Vujović, F. & Ćulafić, G. (2024). Geosite assessment as the first step for the development of canyoning activities in North Montenegro. *Open Geosciences*, *16*(1), 20220698. https://doi.org/10.1515/geo-2022-0698
5. Blešić, I., Ivkov, M., Gajić, T., Petrović, M., Radovanović, M., Valjarević, A., **Malinović-Milićević, S.,** Vukin, M., Raljić, J., Puhar, D. & Lukić, T. (2024). Determinants influencing tourists' willingness to visit Türkiye – Impact of earthquake hazards on Serbian visitors' preferences. *Open Geosciences*, *16*(1), 20220670. https://doi.org/10.1515/geo-2022-0670

6. Vuksanović, N., Demirović Bajrami, D., Petrović, M.D., Radovanović, M.M., **Malinović-Milićević, S.**, Radosavac, A., Obradović, V., & Ergović Ravančić, M. (2024). The Role of Culinary Tourism in Local Marketplace Business—New Outlook in the Selected Developing Area. *Agriculture*, *14*, 130. https://doi.org/10.3390/agriculture14010130

7. **Malinović-Milićević, S**., Vyklyuk, Y., Radovanović, M.M., Milenković, M., Milanović Pešić, A., Milovanović, B., Popović, T., Sydor, P., & Petrović, M. (2024). Applying machine learning in the investigation of the link between the high-velocity streams of charged solar particles and precipitation induced floods. *Environmental Monitoring and Assessment* 196, 400. https://doi.org/10.1007/s10661-024-12537-x

8. 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

9. **Malinović-Milićević, S**. (2023). Biometeorological Conditions of Urban and Suburban Areas in Bosnia and Herzegovina. *Theoretical and Applied Climatology*, 153, 697-708, https://doi.org/10.1007/s00704-023-04501-5

10. **Malinović-Milićević, S**., Radovanović, M.M., & Petrović, M. (2023). Evaluation of outdoor thermal comfort conditions: evidence from the Serbian major ski resort over the last 30 years. *International Journal of Biometeorology*, 67(3), 807–819 https://doi.org/10.1007/s00484-023-02456-w

11. Mihailović, D.T., **Malinović-Milićević, S.,** Han, J., & Singh, V.P. (2023). Complexity and chaotic behavior of the U.S. Rivers and estimation of their prediction horizon. *Journal of Hydrology*, 622, 129730. https://doi.org/10.1016/j.jhydrol.2023.129730

12. **Malinović-Milićević, S**., Radovanović, M.M., Radenković, S.D., Vyklyuk, Y., Milovanović, B., Milanović Pešić, A., Milenković, M., Popović, V., Petrović, M., Sydor, P., et al. (2023). Application of Solar Activity Time Series in Machine Learning Predictive Modeling of Precipitation-Induced Floods. *Mathematics*, 11,795. https:// doi.org/10.3390/math11040795

13. Milanović, S., Mihailović, D.T. , Lakićević, M. , Đurđević, V. , **Malinović-Milićević, S.** , Milanović, S.D., & Trailović, Z. (2023). Impact of UV radiation and temperature on the spongy moth and the brown-tail moth in Serbia. *Austrian Journal of Forest Science*,1, 1-20.

14. Nina, A., Milovanović, B., **Malinović-Milićević, S**., & Pulinets, S.A. (2023). Editorial: Atmospheric disturbances: responses to phenomena from lithosphere to outer space. *Frontiers in Environmental Science, 11,* 1199573. doi: 10.3389/fenvs.2023.1199573

15. **Malinović-Milićević, S.,** Mijatović, Z., Stanojević, G., Radovanović, M.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 The Total Environment,* 831, 154899, http://dx.doi.org/10.1016/j.scitotenv.2022.154899

16. **Malinović-Milićević, S.,** Mihailović, A., & Mihailović, D.T. (2022). Kolmogorov Complexity Analysis and Prediction Horizon of the Daily Erythemal Dose Time Series. *Atmosphere*, *13*, 746. https://doi.org/10.3390/atmos13050746

17. **Malinović-Milićević, S.,** Radovanović, M. M., Mijatović, Z., & Petrović, M. D. (2022). Reconstruction and variability of high daily erythemal ultraviolet doses and relationship with total ozone, cloud cover, and albedo in Novi Sad (Serbia*). International Journal of Climatology*, 42(16), 9088–9100. https://doi.org/10.1002/joc.7803

18. **Malinović-Milićević S.,** Doljak D., Stanojević G., & Radovanović M.M. (2022). Impact of the COVID-19 Restrictive Measures on Urban TrafficRelated Air Pollution in Serbia. *Frontiers in Environmental Science,* 10, 823973. doi: 10.3389/fenvs.2022.823973

19. Gajić, T., Petrović, M.D., Blešić, I., Vukolić, D., Milovanović, I., Radovanović, M., Vuković, D.B., Kostić, M., Vuksanović, N**.,** & **Malinović Milićević, S.** (2022) COVID-19 certificate as a cutting-edge issue in changing the perception of restaurants' visitors—Illustrations from Serbian urban centers. *Frontiers in Psychology,* 13, 914484. https://doi.org/10.3389/fpsyg.2022.914484

20. **Malinović-Milićević, S.,** Vyklyuk, Y. Stanojević, G. Radovanović, M.M., Doljak, D., & Ćurčić, N.B. (2021). Prediction of tropospheric ozone concentration using artificial neural networks at traffic and background urban locations in Novi Sad, Serbia, *Environmental Monitoring And Assessment*, 193, 84. https://doi.org/10.1007/s10661-020-08821-1

21. Vyklyuk, Y., Radovanović, M.M., Stanojević, G., Petrović, M.D., Ćurčić, N.B., Milenković, M., **Malinović Milićević, S**., Milovanović, B., Yamashkin, A.A., Milanović Pešić, A., Lukić, D., & Gajić, M. (2020). Connection of Solar Activities and Forest Fires in 2018: Events in the USA (California), Portugal and Greece. *Sustainability,* 12(24),10261. https://doi.org/10.3390/su122410261

22. Mihailović, D.T., Nikolić-Đorić, E., **Malinović-Milićević, S.**, Singh, V.P., Mihailović, A., Stošić, T., Stošić, B., & Drešković, N. (2019). The Choice of an Appropriate Information Dissimilarity Measure for Hierarchical Clustering of River Streamflow Time Series, Based on Calculated Lyapunov Exponent and Kolmogorov Measures, *Entropy*, 21, 215. https://doi.org/10.3390/e21020215

23. Mihailović, D.T., Nikolić-Đorić, E., Arsenić, I., **Malinović-Milićević, S.,** Singh, V.P., Stošić, T., & Stošić, B. (2019). Analysis of Daily Streamflow Complexity by Kolmogorov Measures and Lyapunov Exponent, *Physica A,* 525(1), 290-303. https://doi.org/10.1016/j.physa.2019.03.041

24. Vyklyuk, Y., Radovanovic, M.M., Milovanovic, B., Milenkovic, M., Petrovic, M., & Doljak, D., **Malinovic Milicevic S.,** Vukovic, N., Vujko, A., Matsiuk, N., Mukherjee, S. (2019). Space weather and hurricanes Irma, Jose and Katia, *Astrophysics and Space Science*, 364-154. https://doi.org/10.1007/s10509-019-3646-5

25. Radovanović, M.M., Vyklyuk, Y., Stevančević, T.M., Milenković, Đ. M., Jakovljević, M. D., Petrović, D. M., **Malinović Milićević, B.S.,** Vuković, N., Vujko, Đ. A., Yamashkin, A.A., Sydor, P., Vuković, B.D., & Škoda, M. (2019). Forest fires in Portugal – case study, 17 June 2017. *Thermal Science*, *23*(1), 73-86. https://doi.org/10.2298/TSCI180803251R

26. **Malinovic-Milicevic, S**., Vyklyuk, Y., Radovanovic, M.M., & Petrovic, M.D. (2018). Long-term erythemal ultraviolet radiation in Novi Sad (Serbia) reconstructed by neural network modeling. *International Journal of Climatology*, *38*(8), 3264-3272. https://doi.org/10.1002/joc.5499

27. **Malinovic-Milicevic, S**., Gorica Stanojevic, S., & Radovanovic, M.M. (2018). Recent changes in first and last frost dates and frost-free periods in Serbia. *Geografiska Annaler: Series A, Physical Geography, 100(1),* 44-58. http://dx.doi.org/10.1080/04353676.2017.1369048

28. **Malinovic-Milicevic, S.,** & Radovanovic, M.M. (2018). Spring and autumn frosts in the Pannonian Basin in Serbia. *Geografie, 123,* 21-36. https://doi.org/10.37040/geografie2018123010021

29. Bessafi, M., Mihailović, D.T., **Malinović-Milićević, S.,** Mihailović, A., Jumaux, G., Bonnardot, F., Fanchette, Y., & Chabriat, J.-P. (2018). Spatial and Temporal Non-Linear Dynamics Analysis and Predictability of Solar Radiation Time Series for La Reunion Island (France). *Entropy, 20,* 946. ISSN 1099-4300. https://doi.org/10.3390/e20120946

30. Mihailović, D.T., Bessafi, M., Marković, S., Arsenić, I., **Malinović-Milićević, S.,** Jeanty, P., Delsaut, M., Chabriat, J.-P., Dešković, N., & Mihailović, A. (2018). Analysis of Solar Irradiation Time Series Complexity and Predictability by Combining Kolmogorov Measures and Hamming Distance for La Reunion (France). *Entropy, 20*(8), 570. https://doi.org/10.3390/e20080570

31. Vyklyuk, Y., Radovanović, M.M. Stanojević, G.B., Milovanović, B., Leko, T., Milenković, M., Petrović, M., Yamashkin, A.A., Milanović Pešić, A., Jakovljević, D., & **Malinović Milićević, S.** (2018). Hurricane genesis modeling based on the relationship between solar activity and hurricanes II. *Journal of Atmospheric and Solar-Terrestrial Physics, 180,* 159-164. http://dx.doi.org/10.1016/j.jastp.2017.09.008

32. Doljak, Lj.D., Stanojević, G.B., Radovanović, M.M., & **Malinović-Milićević, S.B.** (2018). Estimation of photovoltaic power generation potential in Serbia based on irradiance, air temperature, and wind speed data. *Thermal Science, 22*(6A), 2297-2307. https://doi.org/10.2298/TSCI171230164D

33. **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),* 1089-1098, https://doi.org/10.1007/s00704-015-1491-1

34. **Malinovic-Milicevic, S.,** Mihailovic, D.T., & Radovanovic, M.M. (2015). Reconstruction of the erythemal UV radiation data in Novi Sad (Serbia) using the NEOPLANTA parametric model. *Theoretical and Applied Climatology, 12*(1-2), 131-138. http://dx.doi.org/10.1007/s00704-014-1223-y

35. **Malinović-Milićević, S.B**., Mihailović, D.T., Dešković, N.M., Đurđević V.S., Mimić, G.I., & Arsenić, I.D. (2015). Climate change effects and UV-B radiation in the Vojvodina region, Serbia under the SRES-A2*. Thermal Science, 19(2),* S289-S298. http://dx.doi.org/10.2298/TSCI141207031M

36. Radovanović, M.M., Vyklyuk Y., **Malinović-Milićević, S.B.,** Jakovljević, D.M., & Pecelj, M.R. (2015). Modelling of forest fires time evolution in the USA on the basis of long term variations and dynamics of the temperature of the solar wind protons. *Thermal Science, 19(2),* S437-S444, https://doi.org/10.2298/TSCI141103150R

37. **Malinovic-Milicevic, S.,** Mihailovic, D.T., Lalic, B., & Dreskovic, N. (2013). Thermal environment and UV-B radiation indices in the Vojvodina region (Serbia). *Climate Research, 57,*111-121, https://doi.org/10.3354/cr01163

38. Mihailovic D.T., **Malinovic-Milicevic**, **S.,** Arsenic, I., Dreskovic, N., & Bukosa, B. (2013). Kolmogorov complexity spectrum for use in analysis of UV-B radiation time series. *Modern Physics Letters B*, *27 (27)*,1350194. https://doi.org/10.1142/S0217984913501947

39. **Malinovic-Milicevic, S.,** & Mihailovic, D.T. (2011). The use of NEOPLANTA model for evaluating the UV index in the Vojvodina region (Serbia). *Atmospheric Research*, *101*(3), 621-630. http://dx.doi.org/10.1016/j.atmosres.2011.04.008

40. **Malinovic,** S., Mihailovic, D.T., Kapor, D., Mijatovic, Z., & Arsenic, I.D. (2006). NEOPLANTA: A Short Description of the First Serbian UV Index Model. *Journal of Applied Meteorology and Climatology*, 45(8), 1171–11. https://doi.org/10.1175/JAM2400.1

41. Mihailovic, D. T., Lalic, B., Eitzinger, J., **Malinovic, S.,** & Arsenic, I. (2006). An Approach for Calculation of Turbulent Transfer Coefficient for Momentum inside Vegetation Canopies. *Journal of Applied Meteorology and Climatology*, 45(2), 348-356. https://doi.org/10.1175/JAM2318.1

42. Mihailović, D.T., Alapaty, K., Lalić, B., Arsenić, I., Rajković, B., & **Malinović**, S. (2004). Turbulent transfer coefficients and calculation of air temperature inside tall grass canopies in land-atmosphere schemes for environmental modelling. *Journal of Applied Meteorology*, 43(10), 1498-1512. https://doi.org/10.1175/JAM2139.1

Articles in National Journals

1. Potić, M.I., Ćurčić, N., Radovanović, M.M., Stanojević, B.G., **Malinović-Milićević, B.S.,** Yamashkin, A.S., & 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 Cvijic SASA,* 71(3), 231–247. https://doi.org/10.2298/IJGI2103231P

2. **Malinović-Milićević, S**., Mijatović, Z., Arsenić, I., Podrašćanin, Z., Firanj Sremac, A., Radovanović, M., & Drešković N. (2020). The importance of ground-based and satellite observations for monitoring and estimation of UV radiation in Novi Sad (Serbia). *Journal of the Geographical Institute Jovan Cvijic SASA,* 70(1), 57–70. https://doi.org/10.2298/IJGI2001057M

3. Stanojević, G.S., Miljanović, D.N., Doljak, D.Lj., Ćurčić, N.B., Radovanović, M.M., **Malinović-Milićević**, S.B., & Hauriak, O. (2019). Spatio-temporal variability of annual PM 2.5 concentrations and population exposure assessment in Serbia for the period 2001-2016, *Journal of the Geographical Institute Jovan Cvijic SASA,* 69(3), 197–211. https://doi.org/10.2298/IJGI1903197S

4. **Malinović-Milićević, S.B.,** Mihailović, D.T., Radovanović, M.M., & Drešković, N. (2018). Extreme Precipitation Indices in Vojvodina Region (Serbia). *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 68(1), 1-15, http://dx.doi.org/10.2298/IJGI1801001M

5. **Malinović-Milićević, S.B.,** Mihailović, D.T., Nikolić Đorić, E.B., & Jevtić, M.R. (2015). Gaseous and particulate urban air pollution in the region of Vojvodina (Serbia). *Matica Srpska Journal of Natural Sciences,* 128, 87-97, https://doi.org/10.2298/ZMSPN1528087M

6. **Malinovic-Milicevic**, **S**. (2013). Summer Hazards in Novi Sad**.** *Journal of the Geographical Institute "Jovan Cvijić" SASA,* 63(3), 335-344, http://dx.doi.org/10.2298/IJGI1303335M

7. **Malinovic-Milicevic, S.** (2013). Bioclimatic characteristic of Banat**.** *Journal of the Geographical Institute "Jovan Cvijić" SASA*, 63(1), 11-20. http://dx.doi.org/10.2298/IJGI1301011M

8. **Malinovic S.**, Mihailović, D.T., Lalić, B., & Arsenić, I. (2004). Ultraviolet Radiation and Its Influence on Plants. Proceedings of the International Conference on Sustainable Agriculture and European Integration Processes, September 19–25, 2004*, Contemporary Agriculture*, 54(1-2), 340-345

9. Mihailović, D.T., Lalić, B., **Malinović**, **S.,** & Arsenić, I., (2004). Using climate models for purposes of field and vegetable production, *Proceedings of the Institute of Field and Vegetable Crops*, 40, 35-44, Institute of Field and Vegetable Crops, Novi Sad

International Conferences

1. **Malinović-Milićević, S**., Radovanović, M.M., Milanović Pešić, A., Milenković, M., Milovanović, B., & Stanojević, G. (2024). Using machine learning in studying the impact of solar activity on Earth. Milanović Pešić, A., Vuksanović-Macura, Z., Lović Obradović, S., Petrović, M.D., Kovačević-Majkić, J. (Eds) Book of abstracts and contributed papers of International Scientific Conference "The 5th Congress of Slavic Geographers and Ethnographers", 23-25 October 2024, Belgrade, Serbia

2. **Malinović-Milićević, S.,** & Radovanović, M. M. (2023). Application of machine learning in the investigation of Solar influences on Earth. Borchevkina, O.P., Golubkov, M.G., Karpov, I.V. (Eds.) Proceedings of International Conference "Atmosphere, ionosphere, safety" (AIS-2023), 5-9. June 2023. Kaliningrad, Russia, (pp. 10-13).

3. **Malinović-Milićević, S.** (2022). Clear-sky spectral UV radiation modelling. Srećković, V.A., Dimitrijević, M.S., Veselinović, N., Cvetanović, N. (Eds.) IV Meeting on Astrophysical Spectroscopy - A&M DATA – Atmosphere. Book of Abstracts and Contributed Papers, 30 May to 2 June, 2022, Fruška Gora, Serbia

4. **Malinović-Milićević S**., Mijatović Z., Podrašćanin Z., Radovanović M.M., & Firanj Sremac A. (2022). UV radiation in Novi Sad (Serbia): UV Index monitoring and variability of high erythemal UV radiation doses. European Conference on Solar UV Monitoring: "UV Monitoring in the European Countries - Personal UV Exposure", Book of Abstracts, 14- 16. September 2022, Vienna, Austria

5. Radovanović, M. M., **Malinović-Milićević, S.**, Radenković, S., Milenković, M., Milovanović, B., Milanović Pešić, A., & Popović, V. Influence of Space Weather on Precipitation-Induced Floods – Applying of Solar Activity Time Series in the Prediction of Precipitation-Induced Floods by Using the Machine Learning. Рациональное природопользование: традиции и иновации. Материалы III Международной конференции, Москва МГУ, 20–22 октября 2022, 90–97.

6. **Malinović-Milićević**, S., Mijatović, Z., Arsenić, I., Podrašćanin, Z., Firanj Sremac, A., Radovanović, M., & Drešković, N. (2019). The importance of ground-based and satellite observations for monitoring and estimation of UV radiation in Novi Sad (Serbia). Nina,

A., Radovanović, M.M., Srećković, V.A. (Eds.). Integrations of satellite and ground-based observations and multi-disciplinarity in research and prediction of different types of hazards in Solar system, Book of Abstracts, 10-13 May 2019, Petnica Science Center, Valjevo, Serbia, (pp. 23-23).

7. Vyklyuk Y., Radovanović M.M., & **Malinović-Milićević S.** (2019). DEEP Learning LSTM recurrent neural network for consequence forecasting of the solar wind disturbance. Nina, A., Radovanovic, M.M., Srećković, V.A. (Eds.). Integrations of satellite and ground-based observations and multi-disciplinarity in research and prediction of different types of hazards in Solar system, Book of Abstracts, 10-13 May 2019, Petnica Science Center, Valjevo, Serbia, (pp. 24-24)

8. Radovanovic, M.M, Aleksandrovich, Y.A., Vukovic, D., Babovic, S., & **Malinović-Milićević, S.** (2015). Astrophysical analysis of the fall of Malaysian aircraft in Ukraine on 17 July, 2014, Paper presented at conference *Natural disasters – the link between science and practice,* 23–24th April 2015, Saransk, Republic of Mordovia, Russian Federation, (pp. 368-373).

9. Vukovic, D.V., Radovanovic, M.M., Babovic, S., Lukic, D., & **Malinovic, S.** (2014). Ecoturism impact model. In S.N. Kirilov, T.A. Vorobyova, A.A. Pakina, V.P. Chizhova (Eds.), *Geoheritage and eco-tourism, Proceedings of the International Scientific and Practical Conference*, 25-27th August 2014, Ulan-Ude – village Gremyachinsk, Republic of Buryatia, Russian Federation, (pp. 202-207). Moscow: Faculty of Geography.

10. **Malinovic**, **S.,** Mihailović, D.T., Mijatović, Z., Kapor, D., & Arsenić, I.D. (2005). UV index activity at Novi Sad (Serbia), *5th Annual Meeting of the European Meteorological Society*, 12 - 16 September 2005, Utrecht, Netherlands

11. **Malinović S.**, Mihailović, D.T., Mijatović, Z., Kapor, D., & Arsenić, I.D. (2004). Forecasting UV Index by NEOPLANTA Model: Methodology and Validation, In C. Pahl-Wosti, S. Schmidt, A.E. Rizzoli, A.J. Jakeman (Eds.), *Complexity and Integrated Resources Management - Transactions of the 2nd Biennial Meeting of the International Environmental Modelling and Software Society*, 14-17 June 2004, Osnabruck, Germany (pp. 939-944), Osnabruck: International Environmental Modelling and Software Society

12. **Malinovic S**., Mihailović, D.T., Mijatović, Z., Kapor, D., & Arsenić, I.D. (2003). Estimating solar ultraviolet irradiance (290-400 nm) by means of the NEOPLANTA model: Model description and validation. In S. Jokic, I. Milosevic, A. Balaz, Z. Nikolic (Eds.), *Proceedings of the 5th General Conference of the Balkan Physical Union*, 25-19 August 2003**,** Vrnjacka Banja: Serbian Physical Society

National Conferences

1. **Malinović S.,** Mihailović, D.T., Kapor D., Mijatović Z., Arsenić I., & Lalić B., (2005). Monitoring of Solar UV Radiation in Novi Sad *VI International Eko-Conference,* September 21-24, 2005, Novi Sad (In Serbian)

2. Mijatović Z., **Malinović S.,** Arsenić I., Kapor D., & Mihailović D. (2004). Monitoring of Solar UV Radiation in Year 2003, III Symposium pharmacist association of Serbia, 3. June 2004, Beograd (In Serbian)

3. Mijatović Z., **Malinović S.,** Arsenić I., Kapor D., & Mihailović D.. (2004). Monitoring and Modelling of Solar UV Radiation. *Congress of Physicists of Serbia and Montenegro,* Petrovac na Moru, 3-5. June 2004.
4. Lalić B., Mihailović, D.T., & **Malinović, S.** (2004). Extreme Temperatures in Vojvodina During 1948-2003. Period, III International Eko-Conference, September 22-25, 2004, Novi Sad (In Serbian)

Projects

1. "Development of a numerical model for air quality analysis as a result of emissions from stationary sources ", City of Novi Sad, City Administration for Environmental Protection, 2017-2018.
2. "Development of Air Quality Plan for Novi Sad ", City of Novi Sad, City Administration for Environmental Protection, 2014-2016.
3. "RRP-CMEP – Reinforcement of the research potential in Centre for Meteorology and environmental predictions ", FP6-INCO, 2007-2009.
4. "Development of a model for predicting ultraviolet radiation", City of Novi Sad, City Administration for Environmental Protection, 2003.

Other activities

1. *Reviewer for scientific journals:* Atmosphere, Climate Research, Atmospheric Pollution Research, Applied Sciences, Climate, Open Geosciences, Environmental Engineering and Management Journal, Sustainability, Fire, Sensors, Earth, Frontiers in environmental science, Water, World, Thermal Science, Journal of the Geographical Institute "Jovan Cvijić" SASA, etc.
2. *Guest editor:* Malinović-Milićević, S. Atmosphere – Special Issue: "Frontiers in Solar UV Radiation Observations, Prediction, and Personal Exposure" e-ISSN: 2073-4433; Nina, A., Milovanović, B., Malinović-Milićević, S., Pulinets, S.A. Frontiers in Environmental Science – Special Issue: Atmospheric Disturbances: Responses to Phenomena from Lithosphere to Outer Space
3. *Invited lectures:* "Экономика формирующихся рынков". II Международной форум 16 ноябрь 2023, Москва РУДН; Рациональное природопользование: традиции и иновации. Материалы III Международной конференции, Москва МГУ, 20–22 октября 2022, 90–97; IV Meeting on Astrophysical Spectroscopy - A&M DATA – Atmosphere, 30 May to 2 June 2022, Fruška Gora, Serbia; Integrations of satellite and ground-based observations and multi-disciplinarity in research and prediction of different types of hazards in Solar system, 10-13 May 2019, Petnica Science Center, Valjevo, Serbia; Faculty of Agriculture in Banja Luka, University of Banja Luka, BiH, 16 December 2016; *Geoheritage and eco-tourism*, 25-27th August 2014, Ulan-Ude – village Gremyachinsk, Republic of Buryatia, Russian Federation
4. *Conferences Organizing and Scientific Committees:* "*Recent Trends in Geoscience Research and Applications*" 2023, October 23–27, 2023, Belgrade, Serbia; "*Sustainable development of tourism market: International practice and Russian experience*", April

26-27, 2018, Stavropol, Russia; "*Integrations of satellite and ground-based observations and multi-disciplinarity in research and prediction of different types of hazards in Solar system*", May 10-13, 2019, Petnica Science Center, Valjevo, Serbia;

5. Memberships in professional organizations. Member of the National International Union of Geodesy and Geophysics (IUGG). https://iugg.org/wp-content/uploads/2023/12/yearbook2024.pdf; European Geoscience Union (EGU); External associate of the Institute for Improvement of Education- Center for the Development of Programs and Textbooks;

6. Professional training. January - December 2021: attended and completed the Java Junior training organized by the Office for IT and Electronic Government and the United Nations Development Program in Serbia (UNDP)

7. *Citations:* 292 total citations, *h*-index 10 (Scopus) https://www.scopus.com/authid/detail.uri?authorId=57195736262, *h*-index 10 (WoS) https://www.webofscience.com/wos/author/record/C-5258-2016

8. Other. Review Editor of *Frontiers in Environmental Science* (M21), Interdisciplinary Climate Studies section. https://www.frontiersin.org/journals/environmental-science/sections/interdisciplinary-climate-studies/editors; Associate Editor of the journal *Frontiers in Environmental Science*, Atmosphere and Climate section. https://www.frontiersin.org/journals/environmental-science/sections/atmosphere-and-climate/editors

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