



Biljana Basarin – team member

Name: Biljana Basarin

Gender: Female

Nationality: Serbian

Associate Professor at the Department of Geography, Tourism, and Hotel Management

Organization: University of the Novi Sad

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Education

UNSPMF	2000	2005	Diploma thesis
UNSPMF	2005	2009	Master thesis
UNSPMF	2009	2011	PhD thesis

Professional experience

UNSPMF	2010	2012	Teaching Assistant
UNSPMF	2012	2017	Assistant Professor
UNSPMF	2017	-	Associate Professor

Dr Biljana Basarin is Associate professor at Chair of Physical Geography within the Department of Geography, Tourism, and Hotel Management, Faculty of Sciences, University of Novi Sad. Main research fields are related to physical geography, climatology, biometeorology and natural hazards. She is member of PAGES (Past Global Changes), LAPER (Laboratory for paleoenvironmental reconstruction) and Loess Research Group (LRS). She is co-author of 20 papers in international scientific journals with impact factor, co-author of 1 book, co-author of 1 contribution in book chapter, and more than 60 contributions in other journals, conference abstracts or conference proceedings. Total citation (SCOPUS) is 137 (excluding self-citations) with h-index = 11. Reviewer for Journal of Hydrology (ISSN 0022-1694), Palaeogeography, Palaeoclimatology, Palaeoecology (ISSN 0031-0182), Advances in Meteorology (ISSN 1687-9309) and Geographica Pannonica (ISSN 0354-8724). She was granted with EARTHTIME-EU - Short Visit Grant 5994, 10-20.07.2013, The Urbino Summer School in Paleoclimatology, University of Urbino, Urbino, Italy.

Relevant publications

- Lukić, T., Lukić, A., **Basarin, B.**, Micić Ponjiger, T., Blagojević, D., Mesaroš, M., Milanović, M., Gavrilov, M.B., Pavić, D., Zorn, M., Komac, B., Miljković, Đ., Sakulski, D., Babić-Kekez, S., Morar, C., Janičević, S. (2019). Rainfall erosivity and extreme precipitation in the Pannonian basin. *Open Geosciences*, 11, 664–681. (ISSN 2391-5447; impact factor 0.788)
- Lukić, T., Bjelajac, D., Fitzsimmons, K.E., Marković, S.B., **Basarin, B.**, Mlađan, D., Micić, T., Schaetzl, J.R., Gavrilov, M.B., Milanović, M., Sipos, G., Mezősi, G., Knežević-Lukić, N., Milinčić, M., Létal, A., Samardžić, I. (2018). Factors triggering landslide occurrence on the Zemun loess plateau, Belgrade area, Serbia. *Environmental Earth Sciences*, 77, 519. <https://doi.org/10.1007/s12665-018-7712-z> (ISSN 1866-6280; impact factor 1.871)

- **Basarin, B.**, Lukić, T., Mesaroš, M., Pavić, D., Đorđević, J., Matzarakis, A. (2018). Spatial and temporal analysis of extreme bioclimate conditions in Vojvodina, Northern Serbia. *International Journal of Climatology*, 38, 142-157. DOI:10.1002/joc.5166 (ISSN 0899-8418; impact factor 3.601)
- **Basarin, B.**, Lukić, T., Pavić, D., Wilby, R. L. (2016). Trends and multi-annual variability of water temperatures in the river Danube, Serbia. *Hydrological Processes*, 30, 3315–3329. DOI: 10.1002/hyp.10863 (ISSN 0885-6087; impact factor 3.014)
- **Basarin, B.**, Lukić, T., Matzarakis, A. (2016). Quantification and assessment of heat and cold waves in Novi Sad, Northern Serbia. *International Journal of Biometeorology*, 60, 139-150. DOI 10.1007/s00484-015-1012-z (ISSN 0020-7128; impact factor 2.204)

Relevant previous projects or activities

- H2020-WIDESPREAD-2020-5, Coordination and support action; Twinning for the advancement of data-driven multidisciplinary research into hydro-climatic extremes to support risk assessment and decision making – ExtremeClimTwin; Project Coordinator: Prof. dr Biljana Basarin, Project ID-952384; Role of dr. Biljana Basarin – Project Coordinator
- *WATER@RISK – Improvement of drought and excess water monitoring for supporting water management and mitigation of risks related to extreme weather conditions* – IPA Interreg CBC: HUSRB/1602/11/0057. Project period: 2017-2019, Project leader: Prof. dr. Minučer Mesaroš. Role of Prof. dr. Biljana Basarin – participant.