

Ana Ćirišan

Docent

Fakultet za ekologiju i zaštitu životne sredine

Univerzitet „Union – Nikola Tesla“

Cara Dušana 62–64

Belgrade, Serbia

e-mail: acirisan@unionnikolatesla.edu.rs

tel: +381 63 1418 475



OBRAZOVANJE

2012. Doktor nauka iz atmosfere i klimatologije.
ETH Ćirih, Institut za atmosferu i klimatologiju
Ćirih, Švajcarska
2009. Magistar meteorologije i modeliranja životne sredine.
Asocijacija Centara za Interdisciplinarne i Multidisciplinarne Nauke i Održivi
Razvoj – ACIMSI
Univerzitet u Novom Sadu
Novi Sad, Srbija
2005. Diplomirani fizičar-meteorolog i modelator životne sredine.
Departman za Fiziku, Prirodno-Matematički Fakultet
Univerzitet u Novom Sadu
Novi Sad, Srbija

NASTAVNO / NAUČNO ZVANJE

- | | | |
|-------|-----------------------|--|
| 2022. | Docent | Fakultet za ekologiju i zaštitu životne sredine
Univerzitet „Union – Nikola Tesla“
Beograd, Srbija |
| 2014. | Post-doktorant | Departman za nauku o Zemlji i atmosferi
Univerzitet u Kvebeku u Montrealu
Montreal, QC, Kanada |
| 2012. | Post-doktorant | ETH Ćirih, Institut za atmosferu i
klimatologiju |
| 2009. | Doktorant | Ćirih, Švajcarska |

STRUČNO ISKUSTVO

- 2010–2011. Asistent na master studijama, ETH Cirihi, Cirihi, Švajcarska
- 2007-2008. Asistent u nastavi, Univerzitet u Novom Sadu, Novi Sad, Srbija

ISTRAŽIVAČKI / UMETNIČKI PROJEKTI

2013. LoCoSol+ (Low-cost monitoring of solar thermal systems with IoT sensor and a machine learning outlook), član projekta, Fachhochschule Nordwestschweiz, Muttenz, Switzerland and Energie Zukunft Schweiz, Basel, Švajcarska
- 2014-2018. NETCARE (Network on Climate and Aerosols: Addressing Key Uncertainties in Remote Canadian Environments), Kanada, post-doktorant na projektu
- 2009-2012. LAMMOC (Microphysical and radiative changes in cirrus clouds by geoengineering the stratosphere), doktorant na projektu, COST Akcija ES0604 WaVaCS, Cirihi, Švajcarska

ODABRANE PUBLIKACIJE

Mrazovac Kurilić, S., Presburger Ulniković, V. and Ćirišan, A. (2023). Contamination and health risk assessment of heavy metals in PM10 in central Serbia. *Global Sustainability Challenges*, 1(1).

Ćirišan, A., Podrašćanin, Z., Nikolić Bujanović, Lj., Mrazovac Kurilić, S. and Ilić, P. (2023). Trend Analysis Application on Near Surface SO2 Concentration Data from 2010 to 2020 in Serbia, *Water Air Soil Pollut* 234, 186. <https://doi.org/10.1007/s11270-023-06111-3>

Mrazovac Kurilić, S., Nikolić Bujanović, Lj., Tomić, M., Ćirišan, A. and Podrašćanin, Z. (2022). Monitoring of air quality and meteorological parameters by IoT device at Cara Dušan street in Belgrade. In Mrazovac Kurilić, S. and Nikolić Bujanović, Lj. (Eds.), *The Second International Conference on Sustainable Environment and Technologies “Creating sustainable commUNiTY”* (pp. 183-193), University „Union-Nikola Tesla”, Belgrade, Serbia.

Mrazovac Kurilić, S., Ćirišan, A., Podrašćanin, Z. and Nikolić Bujanović, Lj. (2022). SO2 pollution in Šabac (2009-2020). In S. Šerbula (Eds.), *29th International Conference Ecological Truth and Environmental Research – EcoTER’22* (pp. 39-42). University of Belgrade, Technical Faculty in Bor, Serbia

Keita, S. A., Girard, E., Raut, J.-C., Leriche, M., Blanchet, J.-P., Pelon, J., Onishi, T., and Cirisan, A. (2020). A new parameterization of ice heterogeneous nucleation coupled to aerosol chemistry in WRF-Chem model version 3.5.1: evaluation through the ISDAC measurements, *Geosci. Model Dev.* <https://doi.org/10.5194/gmd-2020-50>

Cirisan, A., Girard, E., Blanchet, J.-P., Keita, S.A., Gong, W., Irish, V. and Bertram, A.K. (2020). CNT Parameterization Based on the Observed INP Concentration during Arctic Summer Campaigns in a Marine Environment. *Atmosphere*, 11, 916

Irish, V., Hanna, S., Willis, M., China, S., Thomas, J., Wentzell, J., Cirisan, A., Si, M., Leaitch, R., Murphy, J., Abbatt, J., Laskin, A., Girard, E., and Bertram, A. (2019). Ice nucleating particles in the marine boundary layer in the Canadian Arctic during summer 2014. *Atmos. Chem. Phys.*, 19, 1027- 1039

Abbatt, J. P. D. et al. (2019). Overview paper: New insights into aerosol and climate in the Arctic, *Atmos. Chem. Phys.*, 19, 2527–2560, <https://doi.org/10.5194/acp-19-2527-2019>

Cirisan, A., P. Luo, B., Engel, I., Wienhold, F. G., K. Krieger, U., Weers, U., Romanens, G., Levrat, G., Jeannet, P., Ruffieux, D., Philipona, R., Calpini, B., Spichtinger, P., and Peter, T. (2014). Balloon-borne match measurements of mid-latitude cirrus clouds, *Atmos. Chem. Phys.*, 14, 7341–7365, doi:10.5194/acp-14-7341-2014.

Cirisan A., Spichtinger, P., Luo, B.P., Weisenstein, D.K., Wernli, H., Lohmann, U., Peter, T. (2013). Microphysical and radiative changes in cirrus clouds by geoengineering the stratosphere. *J. Geophys. Res. Atmos.*, 118, 4533-4548, doi:10.1002/jgrd.50388.