

CURRICULUM VITAE MIRELA VOICULESCU

Publication list

ARTICOLE IN REVISTE ISI (COTATE/INDEXATE)

1. Bostan, D.-C.; Miclaus, I.-M.; Apetroaie, C.; Voiculescu, M.; Timofte, A.; Cazacu, M.-M., Long-Range Transport Analysis Based on Eastern Atmospheric Circulation and Its Impact on the Dust Event over Moldavia, Romania in August 2022. *Atmosphere* 2023, 14, 1366. <https://doi.org/10.3390/atmos14091366>, 2023
2. Vaideanu, P.; Ionita, M.; Voiculescu, M.; Rimbu, N., Deconstructing Global Observed and Reanalysis Total Cloud Cover Fields Based on Pacific Climate Modes., *Atmosphere* 2023, 14, 456. <https://doi.org/10.3390/atmos14030456>, 2023
3. Echim M, Voiculescu M*, Munteanu C, Teodorescu E, Voitcu G, Negrea C, Condurache-Bota S and Dănilă EB (2023), On the phenomenology of magnetosheath jets with insight from theory, modelling, numerical simulations and observations by Cluster spacecraft. *Front. Astron. Space Sci.* 10:1094282, doi: 10.3389/fspas.2023.1094282, 2023
4. ROȘU A., M. ARSENI, D. -E. CONSTANTIN, B. ROȘU, Ș. -M. PETREA, M. Voiculescu, C. ITICESCU, L. -P. GEORGESCU, Study of air pollution level in an urban area using low-cost sensor system onboard mobile platform. *Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering* 2023,
5. Nita Ion-Andrei, L. Sfiță, M. Voiculescu, M. -V. Birsan, M. -M. Micheu, Changes in the global mean air temperature over land since 1980, *Atmospheric Research*, Volume 279, 2022, 106392, ISSN 0169-8095, <https://doi.org/10.1016/j.atmosres.2022.106392>.
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8. Roșu, A.; Constantin, D.-E, **Voiculescu, M***; Arseni, M.; Roșu, B.; Merlaud, A.; Roozendael, M.V.; Georgescu, P.L. Assessment of NO2 Pollution Level during the COVID-19 Lockdown in a Romanian City. *Int. J. Environ. Res. Public Health* 2021, 18, 544, <https://doi.org/10.3390/ijerph18020544>, 2021
9. **Voiculescu, M.** Special Issue Atmospheric Composition and Cloud Cover Observations. *Atmosphere* 2021, 12, 56, <https://doi.org/10.3390/atmos12010056>, 2020 (Editorial)
10. Sfiță L, C. Beck, A. I. Nita, **M. Voiculescu**, M. V. Birsan, A. Philipp, Cloud cover changes driven by atmospheric circulation in Europe during the last decades, *Int. Journal Clim*, 41 (Suppl. 1): E2211–E2230, <https://doi.org/10.1002/joc.6841>, 2021 (first online 18.09.2020)
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