

Lucian SFÎCĂ



1. Professional experience:

Teaching and research activities between 2002 and 2020 as Associate assistant (2002-2005), Assistant (2005-2011), Lecturer (2011-2016), Associate Professor (2016-) in the Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași.

Teaching activities as Geography Teacher in General School nr.19 from Bacău, Bacău County (2001-2002).

2. Studies:

Licence degree in Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași (1997-2001).

Master degree in Soil Science, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași (2002-2004).

PhD degree in Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași (2004-2009) with the thesis entitled “Siret corridor – climate study”.

3. Competences:

Teaching academic courses in the field of Meteorology and Climatology (Meteorology and Climatology, Climate Change, Synoptic meteorology and weather forecast, Balneoclimatology, Topoclimatology and Microclimatology, Climate scenarios, GIS in climatology).

In situ and expeditionary meteorological observation and management of the resulted databases.

Statistical treatment of climate data series and mapping of climate data.

Elaboration of general and applied climatic studies as scientific reports or articles and books.

4. Representative published articles:

Sfîcă, L., Ichim, P., Apostol, L., Ursu, A., **2017**: The extent and intensity of the Urban Heat Island in Iași city, Romania. *Theoretical and Applied Climatology*. doi:<https://doi.org/10.1007/s00704-017-2305-4>.

Sfîcă, L., Croitoru A-E., Iordache, I., Ciupertea F-A., **2017**: Synoptic Conditions Generating Heat Waves and Warm Spells in Romania, *Atmosphere* 2017, 8 (3), 50; doi:10.3390/atmos8030050

Sfîcă, L., Beck, C., Niță, I.A., Voiculescu, M., Bîrsan, M.V., Phillip, A., **2020**. Cloud cover changes driven by atmospheric circulation in Europe during the last decades. *International Journal of Climatology*. doi: 10.1002/joc.6841.

Sfîcă, L., Istrate, V., Hrițac, R., Machidon, O., **2022**. The continental and regional synoptic background favorable for hailstorms occurrence in North-Eastern Romania. *Progress in Physical Geography: Earth and Environment*, doi: 10.1177/03091333221100819.

Sfîcă, L., Minea, I., Hrițac, R., Amihăseși, V.A., Boicu, D., **2022**. Projected changes in groundwater levels in northeastern Romania according to climate scenarios for 2020-2100, 41, 101108. *Journal of Hydrology – regional studies*, doi: 10.1016/j.ejrh.2022.101108.

5. Scientific projects and grants

Coordination as project leader of a scientific grant for PhD students (2006-2007). Postdoctoral Fellowship (2014-2015). Member in 4 international projects and 10 national projects.

6. Scientometric profile (WOS, Scopus, Google)

325 citări Web of Science (H-index 12);

366 citări Scopus (H-index 12);

728 citări Google scholar (H-index 15)