


Project member	Associate Professor PhD LUCIAN SFÎCĂ	
Role in project	Post-doctoral researchers	

Professional experience:

- Teaching and research activities between 2002 and 2020 as **Associate assistant** (2002-2005), **Assistant Professor** (2005-2011), **Lecturer** (2011-2016), **Associate Professor** (2016-) in the Department of Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași, Romania.
- Teaching activities as **Geography Teacher** in General School nr.19 from Bacău, Bacău County, Romania (2001-2002).

Studies:

- PhD degree in Geography, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași with the thesis entitled: *Siret corridor – climate study* (2004-2009);
- Master degree in Soil Science, Faculty of Geography and Geology, "Alexandru Ioan Cuza" University of Iași (2002-2004);
- Licence degree in Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași (1997-2001).

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.

Representative published articles:

1. **Sfîcă L.**, Beck C., Niță I.A., Voiculescu M., Bîrsan M.V., Phillipp A., 2020. Cloud cover changes driven by atmospheric circulation in Europe during the last decades. *International Journal of Climatology*. doi: 10.1002/joc.6841.
2. **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>.
3. **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
4. Prăvălie, R., Piticar, A., Roșca, B., **Sfîcă L.**, Bandoc, G., Tiscovschi, A., Patriche, C., 2019. Spatio-temporal changes of the climatic water balance in Romania as a response to precipitation and reference evapotranspiration trends during 1961–2013, *Catena* (172), 295-312, <https://doi.org/10.1016/j.catena.2018.08.028>.
5. Niacșu L., **Sfîcă L.**, Ursu A., Ichim P., Bobric D.E., Breabăn I.G. 2019. Wind erosion on arable lands, associated with extreme blizzard conditions within the hilly area of eastern Romania, *Environmental Research*, 169, 86-101, <https://doi.org/10.1016/j.envres.2018.11.008>.

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.