

**IRAȘOC ADRIAN**

**Position in Project: PhD Student**



**1. Professional experience:**

Climatologist at National Meteorological Administration of Romania, Department of Climatology, Bucharest (June 2020 – current)

Meteorologist at Botoșani weather station, WMO 15020, Moldova Regional Meteorological Centre, National Meteorological Administration of Romania (December 2019 – May 2020)

**2. Studies:**

PhD Student at Faculty of Geography, University of Bucharest (2021 – current).

Master degree in Geomatics, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași (2019-2021).

Bachelor degree in Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași (2016-2019).

**3. Competences:**

Advanced statistical analysis of climate datasets (in situ, gridded, satellite data, climate projections).

Interpolation and mapping of climate data.

Computer programming with R and Python.

Compute extreme temperature and precipitation indices with CDO, Python and R.

Advanced GIS skills.

**4. Representative published articles:**

Cheval, S., Dumitrescu, A., **Irașoc, A.**, Paraschiv, M. G., Perry, M., & Ghent, D. (2022). *MODIS-based climatology of the Surface Urban Heat Island at country scale (Romania)*. *Urban Climate*, 41, 101056, <https://doi.org/10.1016/j.uclim.2021.101056>.

Lakatos M, Szentes O, Cindrić Kalin K, Nimac I, Kozjek K, Cheval S, Dumitrescu A, **Irașoc A**, Stepanek P, Farda A, Kajaba P, Mikulová K, Mihic D, Petrovic P, Chimani B, Pritchard D. (2021). *Analysis of Sub-Daily Precipitation for the PannEx Region*. *Atmosphere*, 12(7):838, <https://doi.org/10.3390/atmos12070838>.

**5. Scientific projects and grants**

Membership in research/development projects:

**SynUHI** (Synergies between Urban Heat Island and Heat Wave Risks in Romania: Climate Change Challenges and Adaptation Options), PCE project (Exploratory research projects), UEFISCDI Romania (Executive Unit for the Financing of Higher Education, Research, Development and Innovation) (2022-2024) – *current*;

**PAASCMC** (Elaboration of the climate change mitigation and adaptation plan of Câmpulung Municipality), SEE 2014-2021 grants (2022-2023) - *1 month of membership*;

**RO-ADAPT** ("Strengthening institutional capacity to improve climate change policies and adapt to the effects of climate change", SIPOCA code 610) (2021-2023) - *4 months of membership*;

**URCLIM** (URban CLIMate services), part of ERA4CS project, JPI Climate and co-funded by the European Union (2017-2020) - *2 months of membership*;

**SUSCAP** (Developing resilience and tolerance of crop resource use efficiency to climate change and air pollution), SusCrop-ERA-NET Cofund on Sustainable Crop Production, UEFISCDI and EU funded project (2019-2022) - *5 months of membership*;

## **6. Scientometric profile (WOS, Scopus, Google)**

H-index: 1