

**HRIȚAC ROBERT**



**1. Professional experience:**

Weather Editor at WetterOnline GmbH (2022)

GIS Intern at SC GEODEZIE CADASTRU MOLDOVA SRL (Dec 2021 – May 2022)

**2. Studies:**

Licence degree in Geography, Faculty of Geography and Geology, Alexandru Ioan Cuza University of Iași (2017-2020).

**3. Competences:**

Advanced statistical analysis of climate data series, and mapping of climate data.

Analysis of weather patterns, teleconnections and weather circulation types.

Elaboration of long-term predictions based on historical climate data series and climate projections, using neural networks.

Computer programming using languages such as Python, R and C/C++.

Interrogation and management of SQL databases.

In situ and expeditionary meteorological observation.

**4. Representative published articles:**

Sfică, L., Minea, I., **Hrițac, R.**, Amihăesei, V.-A., & Boicu, D. (2022). Projected changes of groundwater levels in northeastern Romania according to climate scenarios for 2020–2100. *Journal of Hydrology: Regional Studies* (Vol. 41, p. 101108). Elsevier BV. <https://doi.org/10.1016/j.ejrh.2022.101108>

Sfică, 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*. <https://doi.org/10.1177/03091333221100819> Ah

**5. Scientific projects and grants**

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

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