



ALBERT MARTÍNEZ BOTÍ

PERSONAL PROFILE STATEMENT

Dynamic and active person, with great facility to work in group and eager to learn. I consider myself committed to my work and society, assertive, open-minded and responsible.

ORCID:

<https://orcid.org/0000-0002-8817-3939>

HOBBIES AND INTERESTS

Sports (specially climbing and soccer).
Music.
Languages.
Meteorology and climatology.

ADDITIONAL INFORMATION

Driving license.

QUALIFICATIONS

MASTER'S DEGREE IN METEOROLOGY.

- **Universitat de Barcelona.** 2019-2021.

DEGREE IN PHYSICS.

- **Universitat de València.** 2013-2019.

EMPLOYMENT

JUNIOR RESEARCH ASSOCIATE AT CENTRO EURO-MEDITERRANEO SUI CAMBIAMENTI CLIMATICI (CMCC). *Dec 2023 – Currently working.*

- **Support activities of climate modelling and climate data management:** working on climate data projections (CMIP and CORDEX) in the benchmark of the C3S_520 and the BlueAdapt projects.

JUNIOR CLIMATE SCIENTIST IN THE EARTH SYSTEM SERVICES GROUP AT THE BARCELONA SUPERCOMPUTING CENTER (BSC – CNS). *Jul 2020- Nov 2023*

- **Climate Data Analysis Expertise:** Proficient in handling meteorological and climate data for effective analysis.
- **Climate Services Products Development:** Tailored climate indicators development to meet end-user needs, supporting informed decision-making.
- **Clear Communication of Climate Data:** Translated complex climate data into user-friendly formats, making climate information easily comprehensible and accessible to stakeholders.
- **Code Tutorials Development:** Created practical code tutorials for accessing and visualizing seasonal forecasts. Access tutorials [here](#).

Teacher at “Academia Gallent” (Valencia) – April-July 2019.

LANGUAGES

ENGLISH: C1 level.
ITALIAN: C1 level.

SPANISH: Mother tongue.
CATALAN: Mother tongue.

COMPUTER SKILLS

- **Climate models:** Knowledge of state-of-the-art operational and research climate models.
- **Meteorological modelling:** Familiarity with WRF (Weather Research and Forecasting) model.
- **Numerical and analytical skills in the next programming languages:**
 - **R:** High proficiency
 - **Python:** Intermediate-high proficiency
 - **MATLAB:** Intermediate proficiency
 - **C++:** Basic proficiency
- **Data visualization:** Ability to create visually appealing and informative data visualizations.
- **Linux shell and HPC environment:** Experience working with Linux shell and in a High-Performance Computing (HPC) environment.
- **Version control (Git):** Experience in utilizing Git for version control and collaborative software development.

PUBLICATIONS AND COLLABORATIONS

- **Martínez Botí, A.,** Palma, L., Roura, F., Manrique-Suñén, A., González-Reviriego, N., Marcos, R., González, S., López, A., and Soret, A.: *Climate services for the retail sectors: the Filomena's case*, EGU General Assembly 2021, online, 19–30 Apr 2021, EGU21-15813, <https://doi.org/10.5194/egusphere-egu21-15813>, 2021.
- Terrado, M., Pérez-Zanón, N., Bojovic, D., González-Reviriego, N., Versteeg, G., Octenjak, S., **Martínez-Botí, A.**, and A., Joona, T.: *Climate change adaptation stories: co-creating climate services with reindeer herders in Finland*. *Science of The Total Environment*, 908,168,520, doi: <https://doi.org/10.1016/j.scitotenv.2023.168520>, 2024.
- **Martínez-Botí, A.**, Solaraju-Murali, B., Marcos, R., Manrique-Suñén, A., González-Reviriego, N., Delgado-Torres, C., and Soret, A.: *Exploring windows of opportunity for the use of seasonal predictions of droughts*. (UNDER PREPARATION).
- Soret, A., **Martínez-Botí, A.**, Marcos, R., González-Reviriego, N., Roura, F., and González, S.: *Climate predictions for a sporting goods retailer company: co-development of a climate service from scratch*. (UNDER PREPARATION).