

CIMA Research Foundation is a non-profit research organization that promotes the study, scientific research, technological development, and higher education in engineering and environmental sciences. CIMA is active in the fields of civil protection, risk reduction, climate change impact, public health, and aquatic and terrestrial ecosystems conservation.

CIMA is looking for up to two motivated researchers to work on drought research and applied activities within the context of the project ***“Multi-Risk sciEnce for resilient commUnities undeR a changiNg climate – RETURN - CUP B57G22001180002”*** founded on the PNRR resources.

The desired candidates will work in the pursuing of different of the following objectives:

- Develop models and indicators for drought monitoring and water management.
- Strengthen the use of satellite data in hydrology for droughts.
- Define methodologies for drought risk and impact assessment.
- Evaluate the impact of climate change on drought risk.

The ideal candidates should have the following characteristics:

- A Ph.D. in Hydrology, Atmospheric Sciences or related topics, or analogous experience.
- Experience in droughts analysis.
- Experience in hydrological and climatological modelling and data analysis.
- Experience in Early Warning Systems analysis and climate risk assessments.
- Good knowledge of programming languages (e.g., Python, R).
- Data analysis and visualization skills for spatial and temporal data
- Good knowledge of GIS instruments and scripting.
- Knowledge of English.

Further desirable assets are:

- Experience in agricultural hydrology.
- Experience in supporting operational monitoring tools.
- Knowledge of hydrological impacts of climate change.
- Interest and ability to work on a variety of topics linked to drought risk assessments, adaptation to climate change and disaster risk reduction.
- Communication skills (spoken, written and presentation).
- Good record of scientific publications.
- Professional experience in the management and implementation of technical projects.
- Knowledge of the UNIX environment.

We offer:

- Type of contract proposed: Contratto Collettivo Nazionale Lavoro del comparto Istruzione e Ricerca
- Level: from V to II
- Duration: Fixed term contract of one year renewable until the end of the project scheduled for November 30, 2025
- Gross annual amount: from 29.240 € to 45.000 €



- Solid perspective of stabilization after the fixed term contract
- An interesting job in a young interdisciplinary and fast-growing research foundation.
- The opportunity for professional growth and know-how acquisition.
- The opportunity to work in a motivated and enterprising team.
- State-of-the-art technical facilities.

The candidates, after CV evaluation, will be contacted for an interview. Based on the interview outcomes, a proposal for a position within CIMA will be made to the candidates. The proposed compensation and level will be commensurate with experience: factors such as demonstrated hard and soft skills, level of education, history in the sector, and relevant work experience will all be evaluated.

Interested candidates should submit their CV to the email [ricerca.personale@cimafoundation.org](mailto:ricerca.personale@cimafoundation.org) (cover letter and reference letters can be submitted too) within **28.05.2023**. Specify “Researcher in Drought modelling and risk assessment”.

The target start date is as soon as possible.

Any questions can be directed to Dr. Simone Gabellani ([simone.gabellani@cimafoundation.org](mailto:simone.gabellani@cimafoundation.org)).

**Requirements relating to equal opportunities, diversity and inclusion in the National Recovery and Resilience Plan (NRRP) and in the National Complementary Plan (NCP).**

CIMA Foundation declares to assume the specific obligations of the NRRP in relation to not causing significant damage to the so-called environmental objectives “Do No Significant Harm” (DNSH), pursuant to Article 17 Regulation (EU) 2020/852 of the European Parliament and of the Council of 18 June 2020, and, where applicable, to transversal obligations, such as, inter alia, the principle of contributing to the climate and digital objective (so-called “Tagging”), of gender equality (“Gender Equality”), of the protection and enhancement of young people and of overcoming territorial gaps, in compliance with the specific regulations on the matter.

Savona, 28 April 2023

Il Direttore di Gestione  
Luisa Michela Colla

CIMA Foundation, as data controller, pursuant to art. 13 of the GDPR 679/2016, informs you that the data you provide will be managed in compliance with the aforementioned legislation, for the exclusive purpose of recruiting and for a time not exceeding one year from sending. In case of hiring, CIMA Foundation privacy policy will be promptly submitted to you.