

**The *ClerVolc* program of excellence
of the *Internal Research Center of Disaster science
and sustainable development*
at *University Clermont Auvergne***



**I-SITE
CLERMONT**
Clermont Auvergne Project



Job: 2023 Postdoctoral Fellowship

Location: Clermont-Ferrand, France

The **ClerVolc consortium** consists of five laboratories of *University Clermont Auvergne* (Laboratories of Earth Science "Magmas and Volcanoes", Meteorology, Mathematics, Physics, Computer Science) and an Earth Physics Observatory. Its objective is to carry out multi-disciplinary research and development related to **volcanism**. The research themes are broad and include eruption processes, products and hazards, dispersion of tephra as plumes and flows, evolution of volcanic edifices, role of volatiles in magmatic activity, processes and timescales, mantle melting and magma production at depth, and the origin of volcanism and the Early Earth. With more than twelve years of activity, ClerVolc has acquired world-class instruments, developed original know-how and conducted outstanding researches.

The consortium is seeking candidates for **postdoctoral projects**. Proposals involving any aspects of volcanic science (geology, petrology, high-P-T experimentation, geochemistry, mathematics, meteorology, physics, computer science, data science) are of interest, as are developments of new approaches for tackling fundamental questions. Interdisciplinary proposals are not essential, but are encouraged.

Applicants are invited to develop and propose their own projects in association with one or more of the partner laboratories. They are advised to familiarize themselves with the research and instrumental capabilities of the different laboratories (listed under "consortium" at <https://clervolc.uca.fr/>), which they can use for their own researches. They can contact the ClerVolc director and/or any of responsible of the seven ClerVolc thematic programs for more details on our Fellowship program.

Proposals should be written in English and sent as a single pdf file by email to the ClerVolc director (denis.andrault@uca.fr) **by 15 December 2022**. They should consist of (1) a CV and publication list (max 3 pages), (2) an account of past research (max 3 pages), (3) pdfs of three publications, (4) the research proposal (max 5 pages) with references and a consumables/field budget attached as annexes, and (5) a letter of support from one or more members of the ClerVolc partner laboratories. Candidates should also ask two referees to send letters of recommendation by the deadline to the same email address. Short-listed candidates may be interviewed online early 2023, and attributions will be announced soon after. Contracts can start between April and October 2023 according to the wishes of the applicant and her/his collaborators.

Each fellowship is supported for 24 months and includes a research allowance (based on the proposal but modified according to available funds). The gross annual salary will be the Junior/Senior Post-Doctoral Allocation fixed by our University, depending on the candidate experience; it includes the classical French benefits package (health insurance plus retirement and unemployment benefits). Candidates must have successfully defended their PhD by the application deadline; they **do not need to speak French**.

We note another call of our *International Research Center of Disaster science and sustainable development*, where postdoctoral candidates working in the field of volcanic hazard/risk may wish to apply. Only one project should be submitted and we will eventually redirect it to the most appropriate call.

Contact the ClerVolc Director for any further information: denis.andrault@uca.fr