

Vacancy

The Red Cross Red Crescent Climate Centre is the expertise centre of the International Red Cross and Red Crescent in the field of climate change and climate disasters. The Climate Centre's mission is to help the Red Cross and Red Crescent Movement and its partners reduce the impacts of climate change and extreme-weather events on vulnerable people.

The Climate Centre consists of an enthusiastic team that guides a growing network of consultants from all over the world in integrating climate risks into their work. The Climate Centre works closely with the Netherlands Red Cross, the International Federation of Red Cross and Red Crescent Societies (IFRC) and the International Committee of the Red Cross (ICRC)

Due to a vacancy at the Climate Centre, we are immediately looking for:

Intern, heatwave climatological analysis over Sahel

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Envisaged start date: 11 November 2024

Job Description

This assignment will be conducted at RCCC to improve our understanding of heatwave characteristics in the Sahel region.

Specifically, the assignment will have three objectives:

1. A desk review of heatwave occurrence and impacts over the Sahel for the recent past (10 to 15 years)
2. A climatological analysis to characterize the Sahelian heatwaves using reanalysis and ground based data for the past 30 years.
3. An overview of the future-like heatwave in the Sahel

Responsibilities/tasks

The intern is expected to carry out the following responsibilities:

- Conduct a review of reports, newsletters, studies and documented testimonies on the perceptions of heatwave occurrence, intensity and trends
- Identify relevant data sources to use for the study.
- Design a methodology to detect and characterize heatwave occurrence and frequency over the Sahel
- Assess the interannual variability and link it with the major climate drivers.
- Based on literature review, select a couple of CMIP6 models and provide an overview of the 'future Sahelian heatwave'.

Qualifications

Education: The intern must be conducting a Master or Doctoral research in a university programme for the entire duration of the placement (two months full time starting 11 Nov.), has a background in climate sciences, environmental sciences, physical geography, statistics or similar.

Experience: Candidates with experience in climate data processing are preferred.

Skills and Abilities:

- Excellent verbal and written communication skills
- Excellent literature review, research and analytical skills
- Ability to coordinate with different stakeholders
- Good programming skills (R, Python , or similar)
- Ability to work well in an inter-cultural team
- Ability to work well independently with a primarily remote-based team
- Good understanding of the West Africa climate system.

Language: Good command of English. French will be an asset.

Location: This position will be home-based. The intern must have a laptop and a good Internet access.

We offer:

The intern will receive a compensation of €450 per month on the basis of a 40-hour work week (20 days' work per month).

Deadline:

07 November 2024 at 23:00 CET.

How to apply:

We would like to receive your application, CV and cover letter (in English) addressed to HR officer at the Climate Centre sent to application@climatecentre.org with “Intern Sahel heat waves” in the subject please.

If you have any questions about this vacancy, please send an email to hr@climatecentre.org.