

## **Mission**

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.

## **Background project**

The World Weather Attribution (WWA) initiative, a collaboration between climate scientists at Imperial College London in the UK, KNMI in the Netherlands, IPSL/LSCE in France, Princeton University and NCAR in the US, ETH Zurich in Switzerland, IIT Delhi in India and climate impact specialists at the Red Cross Red Crescent Climate Centre (RCCC) around the world, has been founded to change this, and provide robust assessments on the role of climate change in the aftermath of the event. Since 2014 the World Weather Attribution (WWA) initiative has been conducting real-time attribution analysis of extreme weather events as they happen around the world. This provides the public, scientists and decision-makers with the means to make clear connections between greenhouse gas emissions and impactful extreme weather events, such as storms and heat waves.

## **Project description**

We are undertaking a research project providing a retrospective on the evolution and character of the vulnerability and exposure section of past WWA event attribution analyses. The research will involve thematic analysis of qualitative data, as well as semi-structured interviews with experts on vulnerability and exposure for chosen case studies. The Junior Researcher will have the opportunity to contribute towards a peer-reviewed journal article, as well as engaging in real-time extreme event attribution studies, as required. Further,

## **Deliverables (tasks, output, milestones)**

**Task 1:** *Conduct a thematic analysis of past V&E sections, organized by hazard.*

**Output 1:** *Document organizing thematic analysis findings*

**Task 2:** *Compare findings of thematic analyses and agree to key themes*

**Output 2:** *Document outlining key themes*

**Task 3:** *Write up key findings of the thematic analysis, with a focus on hazard-specific and regional similarities and differences, as well as change over time.*

**Output 3:** *Contributions to journal article outlining the findings of the study*

**Task 4:** *Support Climate Centre team to conduct semi-structured interviews and analyze results*

**Output 4:** *Case studies based on interview findings*

**Task 5:** *Support real-time extreme event attribution studies*

**Output 5:** *Real-time vulnerability and exposure analysis*

## **How to Apply**

The applicant must have good writing skills and be able to synthesise information from a variety of sources. Please send your resume, along with a writing sample to [singh@climatecentre.org](mailto:singh@climatecentre.org).

## **Timing**

This is a full time (40 hour work week) position, and the JR will be provided a stipend. The ideal timeframe will be mid- September to mid – December 2022.