



## Terms of Reference

### Consultancy on Revising the Climate Risk Index Methodology

#### Background

The Climate Risk Index (CRI) is a pivotal tool designed to assess and compare the risk of countries being impacted by climate change events, particularly extreme weather events. The CRI is one of the longest run climate impact related indices with annual editions. It helps to raise awareness of growing climate related loss events worldwide, inciting necessary climate policy discussions on climate change adaptation, disaster preparedness, risk reduction and addressing loss and damage.

The current index methodology focuses on 'exposure' and 'hazard' as key variables of risks. In order to create an even more precise risk index, the scope of the index is planned to be expanded to also include the 'vulnerability' variable (based on the IPCC definition of risk).

With the aim of launching an updated CRI, Germanwatch seeks a consultant to support the methodology revision of the index.

#### Objectives

The objective of this consultancy is to support the methodological revision of the index by preparing a 'developer tool' for the CRI, test running indicators, prepare an export function for the CRI results and write a manual for the developer tool.

#### Scope of Consultancy

- 1. Prepare a 'developer tool' for the CRI** – including functions to change the weighting of indicators, prevent double counting and standardization method as well as visualisation options for the data.
- 2. Support the revision of the index indicators by test running** them through the developer tool.
- 3. Prepare an export function** for the CRI results (so that they can be used by a visualisation tool).
- 4. Write a manual for the developer tool.**

#### Process and tentative timeline

Milestone/Meeting	Date
1. Call for tender to potential consultants with request for proposal	21.05.2024- 28.05.2024
2. Selection and contracting	29.05.2024- 31.05.2024

3. Start of consultancy	03.06.2024
4. Kick-off with Germanwatch – Clarifying objective of the CRI – Consultant is provided with data and maximal amount of indicators – Clarifying open questions, – Confirming suggested work plan	03.06.2024
5. Status quo meeting incl. short progress report	26.06.2024
6. Submission of deliverables 1-3 and discussion with Germanwatch	26.07.2024
7. Submission of deliverable 4	30.11.2024 (this date can be discussed)

### Deliverables

Deliverable 1	Developer tool for the CRI: including functions to change the weighting of indicators and standardization method as well as visualisation options for the data.
Deliverable 2	Test running all CRI indicators through the developer tool
Deliverable 3	Export function for the CRI results (so that they can be used by a visualisation tool).
Deliverable 4	Manual for the developer tool

### Duration

The consultancy is expected to commence on 03. June 2024 and conclude by 30. November2024.

### Qualifications

1. Advanced degree in Climate Science, Environmental Studies, Geography, or a related field.
2. Extensive experience in data analysis.
3. Proficiency in statistical analysis and familiarity with relevant software tools.
4. Demonstrated ability to analyze and compare complex datasets.
5. Excellent analytical, reporting, and presentation skills.

### Application Process

Interested consultants should submit the following by 28. May 2024

1. A technical proposal outlining the approach and methodology for the consultancy.
2. A financial proposal detailing the consultancy fee.
3. CV highlighting relevant experience and qualifications.
4. Samples of previous work related to vulnerability assessments or similar analyses, if available.

The contract will be awarded to the most economically advantageous tender, i.e. the tender offering the best price-quality ratio. The evaluation of offers will be based on: 60% required work experience, 25% price, 15% overall impression of the offer (based on following criteria: professional, result-orientated, well-structured, focused and concise language).

Deadline for applying is 28. May 2024 by 23:59 GMT+1 and offers should be sent to [schaefer@germanwatch.org](mailto:schaefer@germanwatch.org) and [kri@germanwatch.org](mailto:kri@germanwatch.org).