**OPEN PEER REVIEW** 



# Groups Affected by Climate Change and Those Bearing Responsibility for Its Consequences

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## 1. Round 1

## 1.1. Reviewer 1

Reviewer:

In the paragraph starting with "Climate change is the most critical environmental issue of the 21st century," you emphasize global warming. Add a transition that connects global warming with its broader socio-economic impacts.

The statement, "Development-based economies are in clear conflict with environmental conservation," is broad. Cite specific studies or data to substantiate this claim.

You state that "human rights remain a weak standard in the climate regime." Expand on why these rights are unenforceable and propose potential mechanisms for enforcement.

The section addresses several vulnerable groups. Specify whether these groups were prioritized based on existing literature or if the analysis is illustrative rather than exhaustive.

The paragraph on children states, "Children's lives are endangered for years to come." Connect this with broader legal frameworks, such as intergenerational justice under climate agreements.

Suggest practical, child-focused adaptation strategies, such as climate-resilient school infrastructure or health initiatives, to complement the identified vulnerabilities.

Distinguish between "climate refugees" and "environmentally displaced persons," as these terms carry different legal and policy implications.

When discussing "migrant women face vulnerabilities such as trafficking," provide a case study or data point for illustration.

Authors revised the manuscript and uploaded the document.

#### 1.2. Reviewer 2

#### Reviewer:

In the definition of climate change, you describe it as influenced by "Earth's dynamic processes or external influences." Align this with the IPCC's more detailed definition for consistency.

The origin of the term "climate" is discussed in detail. While informative, it seems tangential to the main argument. Consider relocating this to an appendix or removing it.

The timeline from the Kyoto Protocol to the Paris Agreement is detailed. However, the narrative skips certain milestones, like the Copenhagen Accord's role in shaping NDCs. Provide a brief mention for continuity.

The discussion on Indigenous peoples (e.g., "Indigenous knowledge...contributes to sustainable development") is strong. Enhance by linking intersectionality with other groups, like women or children, to highlight compounded vulnerabilities.

While you emphasize women's vulnerabilities, such as "economic pressures leading to child marriages," include specific policy recommendations or examples where gender-sensitive policies have been effective.

The statement, "Women are also at higher risk of sexual violence following national disasters," needs data-backed examples or references to substantiate this critical claim.

The discussion on disabilities mentions "lower resilience to climate change." Propose practical solutions, such as inclusive disaster response plans or universal design principles.

Mention examples of successful inclusion of persons with disabilities in climate policies or programs to reinforce your argument.

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#### 2. Revised

Editor's decision: Accepted.

Editor in Chief's decision: Accepted.

