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### *Systematic Review Protocol*

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This systematic review was carried out using the *Covidence* platform, based on the PRISMA guidelines, as indicated by *Moher et al.* (2015) and *Shamseer et al.* (2015).

#### ***1. Purpose of the Systematic Review***

Research question:

- What qualitative methodologies are used in academic research on climate justice?

Objective:

- Identify the range of qualitative methodologies employed to study climate justice in the scholarly literature.

PICo framework (Population, Interest, Context)

- Population: Qualitative methodologies used in studies on climate justice.
- Interest: Which qualitative research approaches are employed in climate justice research?
- Context: Which subjects or objects of analysis are examined in these studies?

## 2. Databases

### Selection criteria for databases:

- Articles available in one of three languages: English, Portuguese, or Spanish.
- Indexed electronic databases that allow standardized search strings.

### Selected databases:

- *Web of Science*, *Scopus* and *SciELO*.

## 3. Search strategy

### Keywords:

### Search strings used in each database:

Database	Search in:	String:
<i><u>Web of Science</u></i>	Title, abstract, author keywords, and Keywords Plus	"climate justice" (Topic) and "qualitative" (All Fields)
<i><u>Scopus</u></i>	Title, abstract and keywords	TITLE-ABS-KEY ("climate justice" AND "qualitative") AND PUBYEAR > 2011
<i><u>SciELO</u></i>	Abstract	(ab:(climate justice)) AND (ab:(qualitative)) (ab:(justiça climática)) AND (ab:(qualitativa)) ab:(justiça climática)

### Languages:

- Portuguese, English, and Spanish.

### Sources:

- Academic literature (journal articles, dissertations, books, etc.)

#### ***4. Inclusion and exclusion criteria***

##### Inclusion criteria

- Studies published as full-text articles available in scientific databases.
- Studies published in peer-reviewed journals.
- Studies that address climate justice using qualitative or mixed methods.
- Recent studies published in the past 10 years (2014 to 2023).
- Studies that include the keywords in the title and/or abstract and/or author keywords.

##### Exclusion criteria

- Studies not available online.
- Duplicates.
- Studies that mention the keywords in the abstract but address the topic only marginally.
- Studies published more than 10 years ago.
- Studies published only as posters.

#### ***5. Selection process***

- Selection conducted by a single researcher.
- Recherche using the predefined keywords in the selected sources.
- Removal of duplicates.
- Study screening:
  - Step 1: Initial screening of titles and abstracts retrieved by the search string, applying the inclusion and exclusion criteria.
  - Step 2: Follow-up screening by reading, in the following order: introduction, methodology and conclusion, applying the inclusion and exclusion criteria.

#### ***6. Data extraction***

- Complete a data extraction form that includes:
  - Basic information (bibliographic data, publication date, abstract, among others).

- A synthesis of the study written by the researcher conducting the systematic review, plus their reflections on the content and conclusions.

## ***7. Synthesis of results***

- Write a report providing a concise description of the Systematic Review findings.

## ***References***

Moher, D. *et al.* Preferred reporting items for systematic review and meta-analysis protocols (PRISMA-P) 2015 statement. *Systematic Reviews*, 4(1), 1-9, 2015. doi: 10.1186/2046-4053-4-1.

Shamseer, L. *et al.* Preferred reporting items for systematic review and meta-analysis protocols (PRISMA-P) 2015: elaboration and explanation. *BMJ*, 349, g7647, 2015. doi: 10.1136/bmj.g7647.