

Scoping Review and Ethical Analysis Research Integrity in Sub-Saharan Africa

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The Study – What and Why

Aim

- 1. Systematically search, map and evaluate the guidance documents that are available regarding Research Integrity in Sub-Saharan Africa and to determine which RI topics are addressed in those guidance documents.
- 2. Normative ethical analysis of Research integrity in Sub-Saharan African context.

Relevance

Sub-Saharan African perspectives and Code of Conduct for RI





The Study – How

Methodology Scoping review

PRISMA – ScR guidelines

Inclusion Criteria

 Guidance documents and scholarly articles on Research Integrity, specific to the Sub-Saharan African context

Research Integrity: "Research behavior viewed from the perspective of professional standards"





The Study – How

Methodology Ethical Analysis

- 1. Concepts of the European Code of Conduct on Research Integrity, useful in the Sub-Saharan African Context.
- 2. Concepts from the Sub-Saharan African literature useful in a Research Integrity Code of Conduct.
- 3. Missing concepts based on Sub-Saharan Africa's specific context and African ethics communitarianism/common good





Results – Scoping Review

Prisma Flow Chart

Records identified through database searching (n = 4177)

Records after duplicates removed

(n= 1927)

Records screened (n = 1927)

Full-text articles assessed for

eligibility

(n = 174)

Records excluded (n= 1753)

Eligibility

Included

Articles included in qualitative synthesis

(n = 104)

Full-text articles excluded:

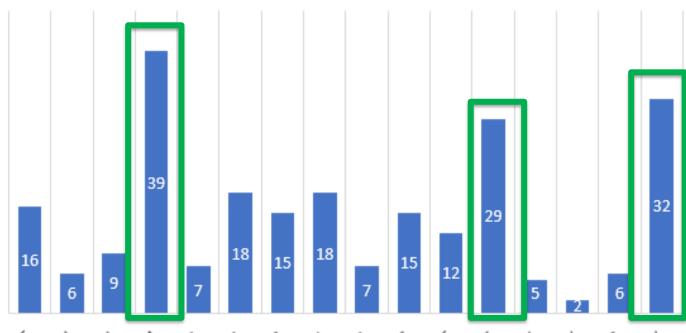
- Full text not available (n=12)
- Publication type was a news article or editorial (n=9)
- article was not about RI (n=21)
- article was about research ethics, not about RI (n=19)
- article was not specific to Sub-Saharan Africa (n=9)





Results – Scoping Review

FREQUENCY OF RESEARCH INTEGRITY TOPICS



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Results - Ethical Analysis

- 1. Concepts of the European Code of Conduct on Research Integrity, useful in the Sub-Saharan African Context.
 - Scientific Misconduct, Plagiarism, Fabrication and Falsification
- 2. Concepts from the Scoping Review literature useful in a Research Integrity Code of Conduct.
 - Authorship and Acknowledgement, Open Access, Open Data / Data Sharing, Inequity
- 3. Missing concepts based on Sub-Saharan Africa's specific context and African ethics.
 - Societal Benefit





Conclusion

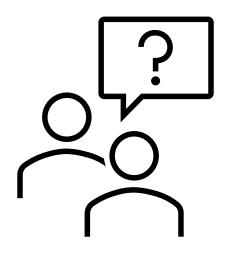
Specific topics addressed in Sub-Saharan Africa

Topics addressed with different focus



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Strengthening Ethics and Responsible Conduct of Clinical Trials in East and Sub-Saharan Africa (SERCEA) Project https://www.serceaproject.org/

