

University of Nairobi
Institute of Development Studies

*Archiving Kenya's Past
and Futures:
Stewardship and Care of
Research Data*

With support from:



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Department of Anthropology
University of California, Irvine


Presentation Outline

DISCUSSION POINTS

Why we need to care about research infrastructures?

How am I studying and producing research data?

Q&A



“When you participate in so many researches and you don't know what is happening [as a result] and it's not changing the environment that we are in, you feel like wasted. You keep on asking questions, but this data will go where?”

The one who takes data will never come back to us like ‘okay, we took this and these are the results.’ So you feel wasted.”

- Nicera Wanjiru (October 29, 2019)



*iHub Research



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Outreach Coordinator



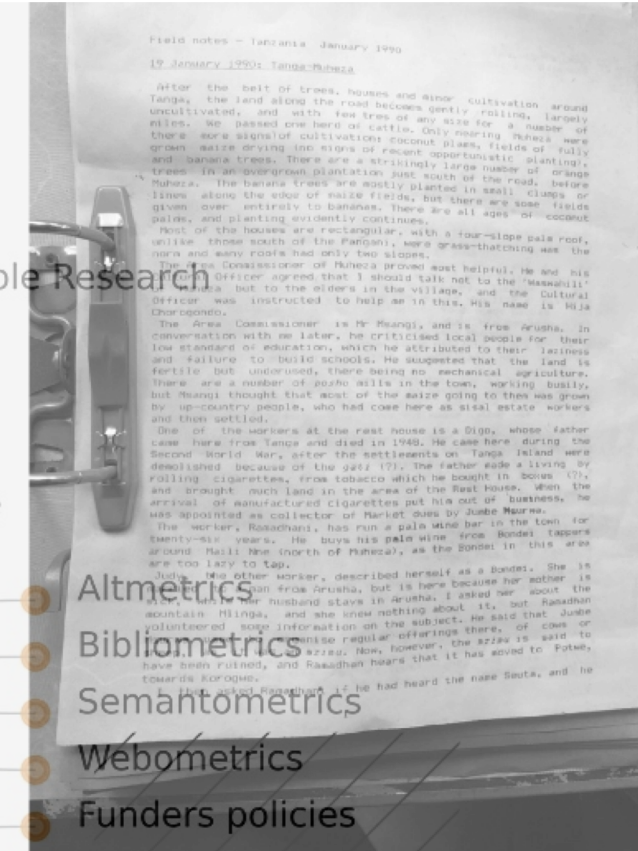
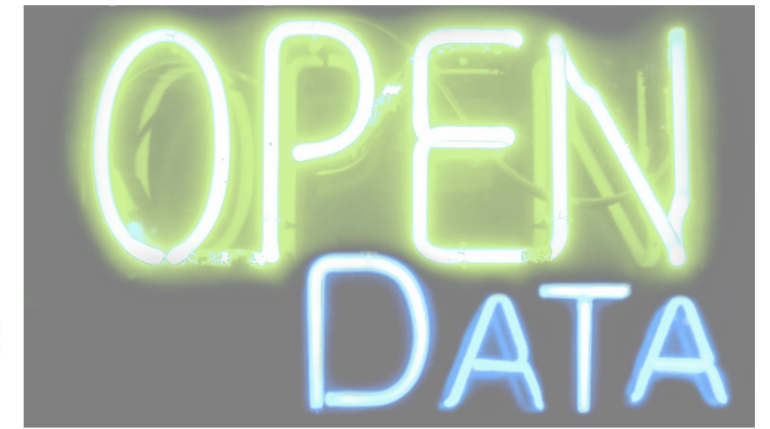
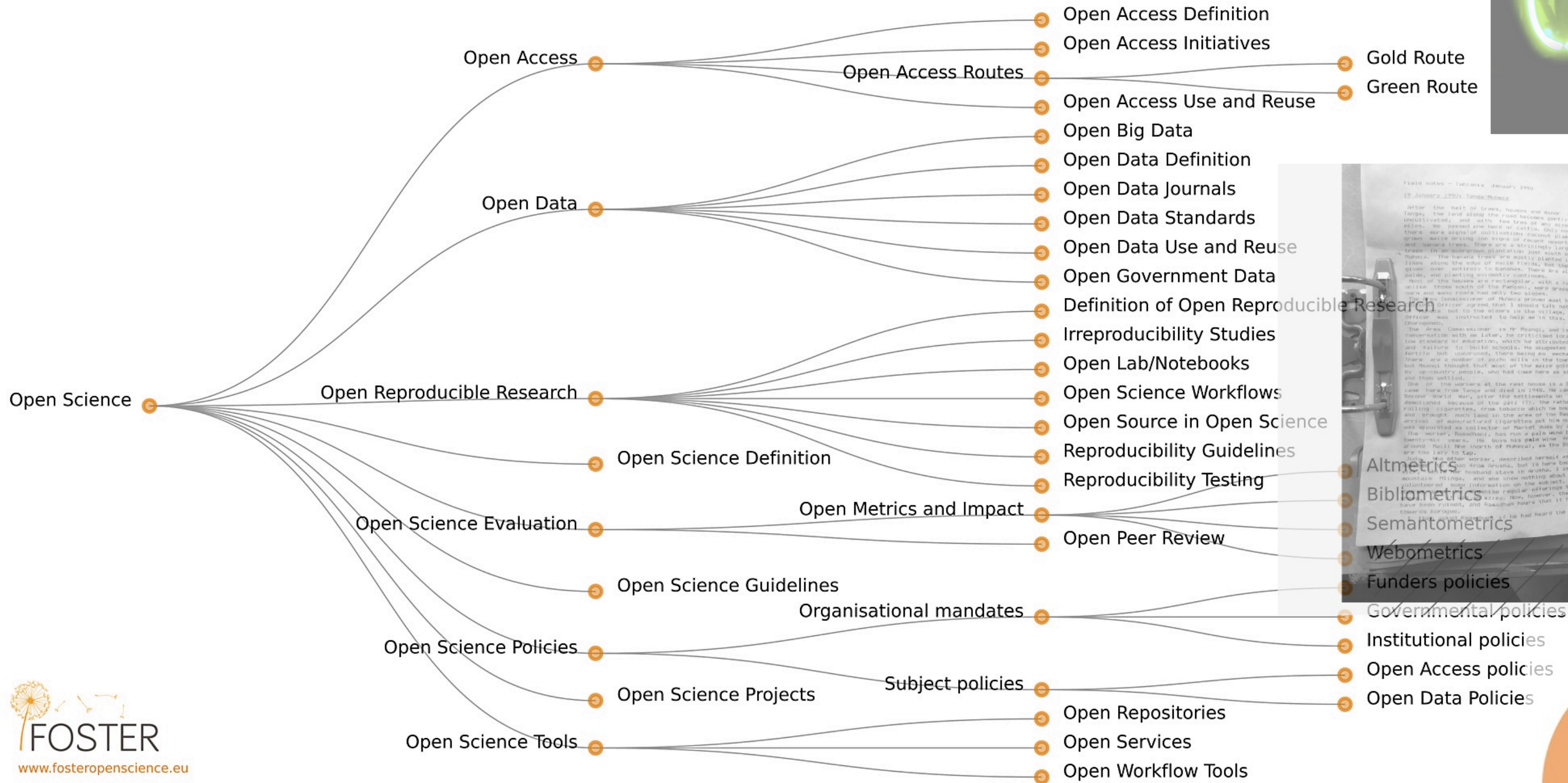
Rhoda Omenya
Grants Manager



Chris Orwa
Junior Data Scientist

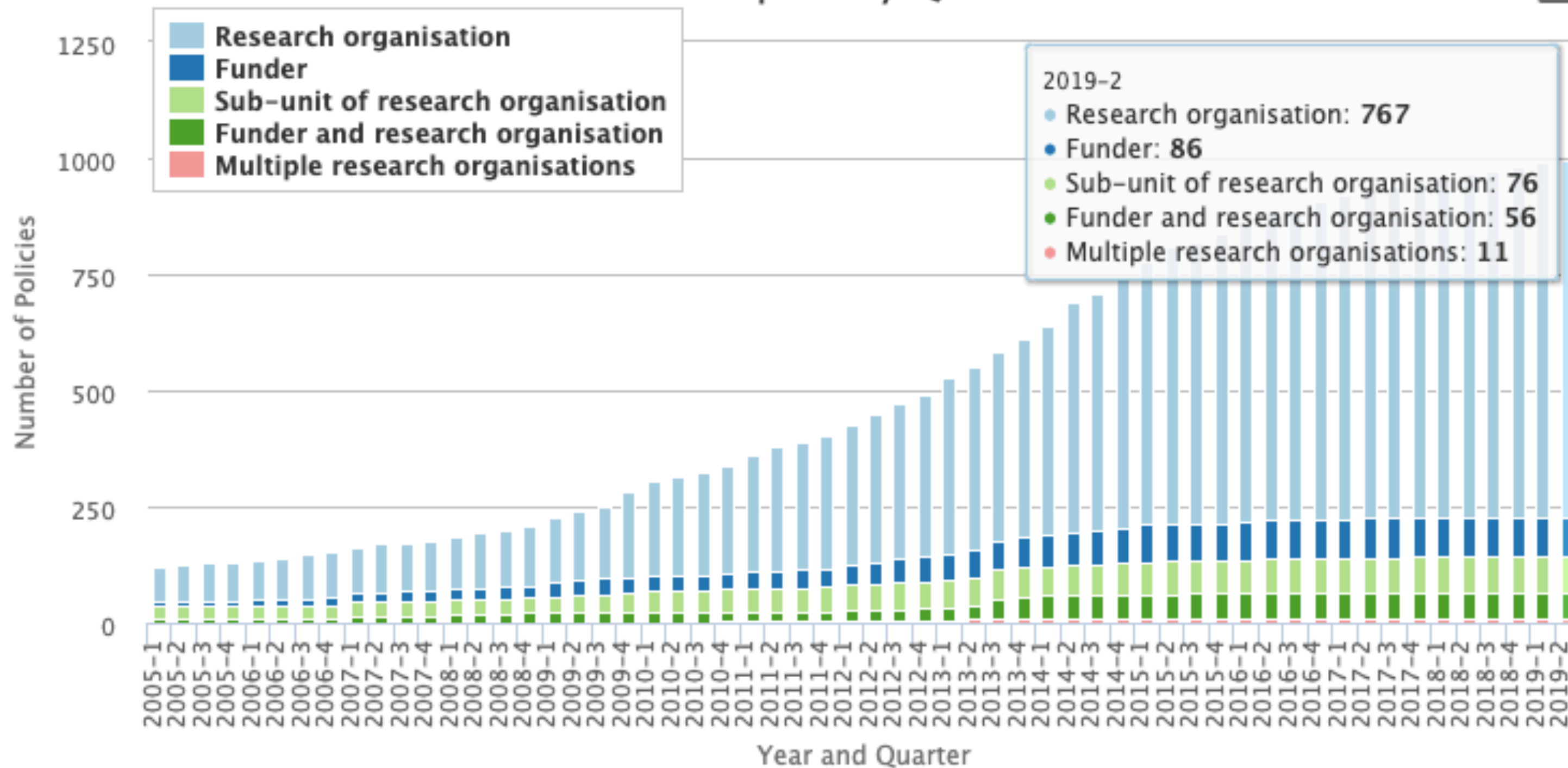


Open Science Taxonomy



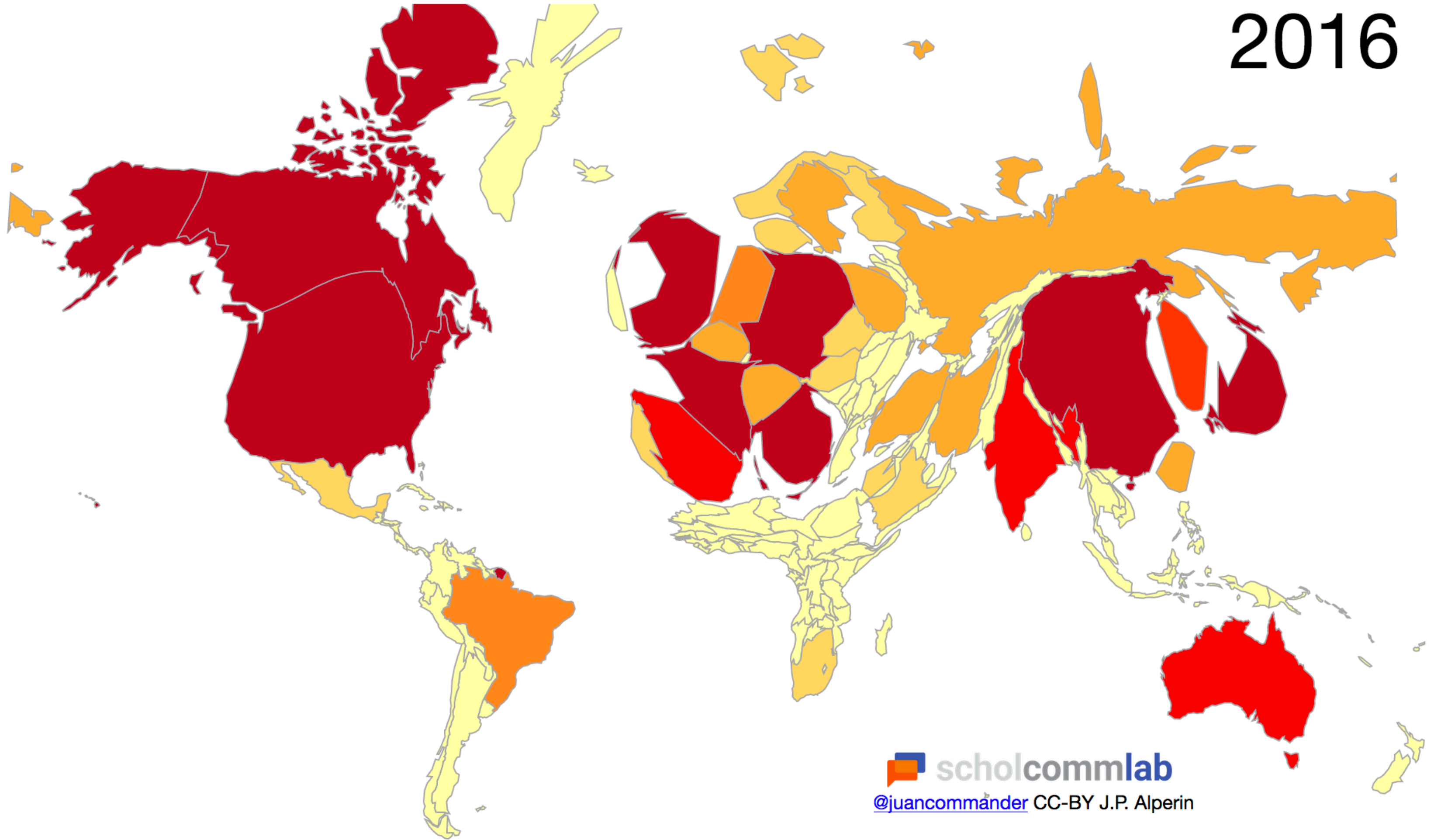


Policies Adopted by Quarter



World scaled by number of documents with authors from each country in Web of Science

2016





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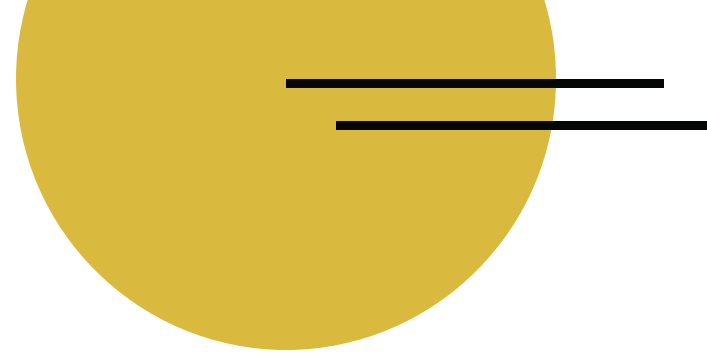
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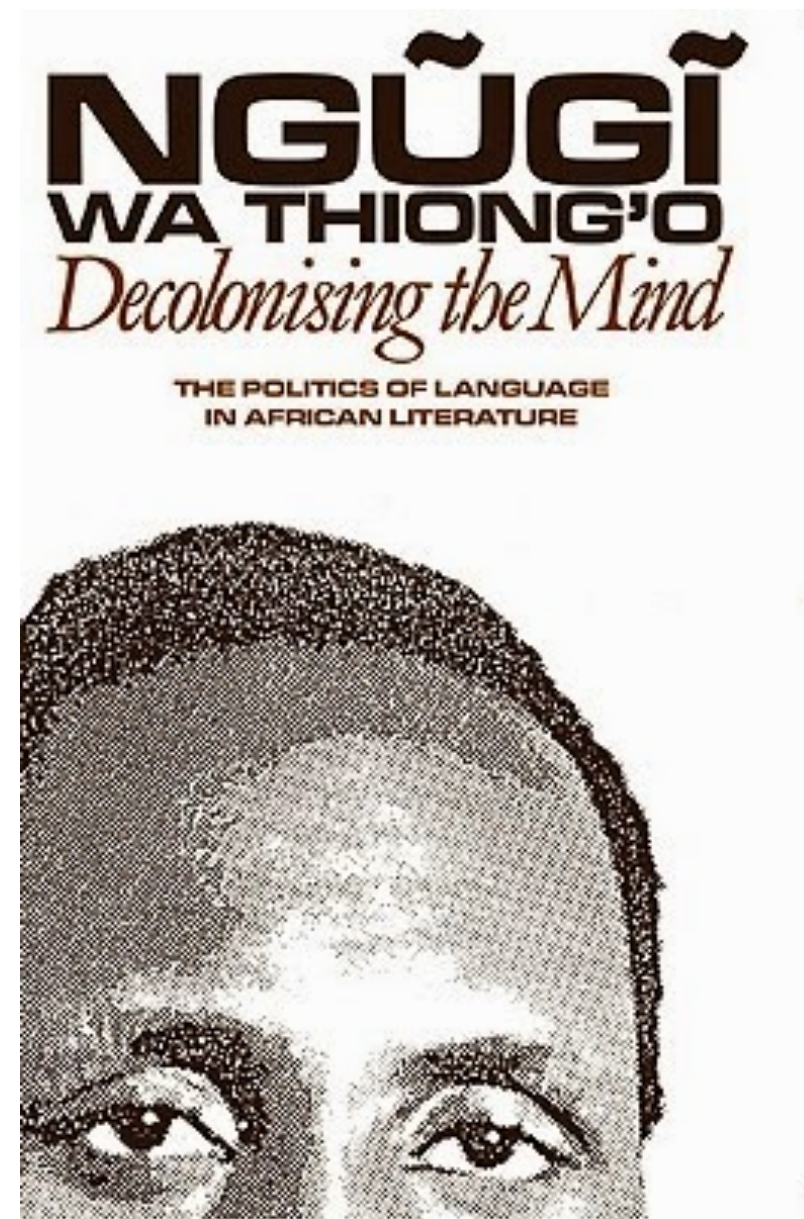
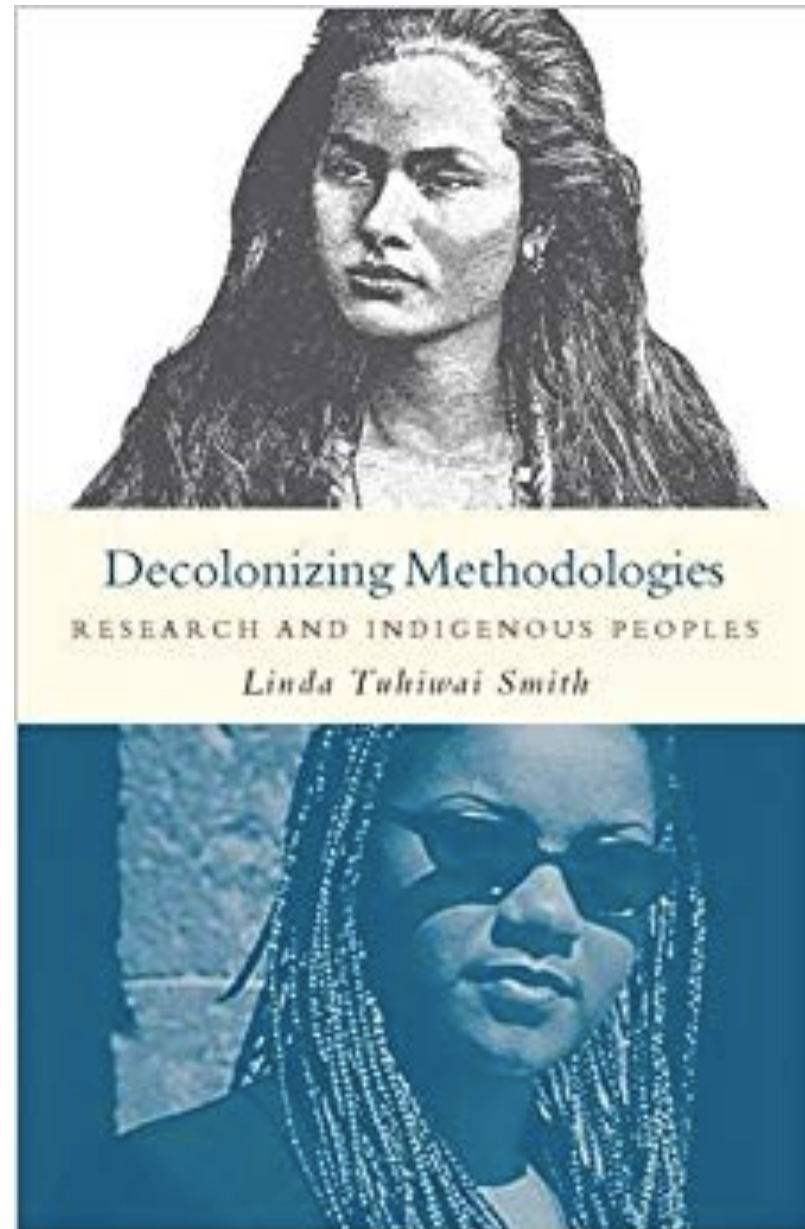
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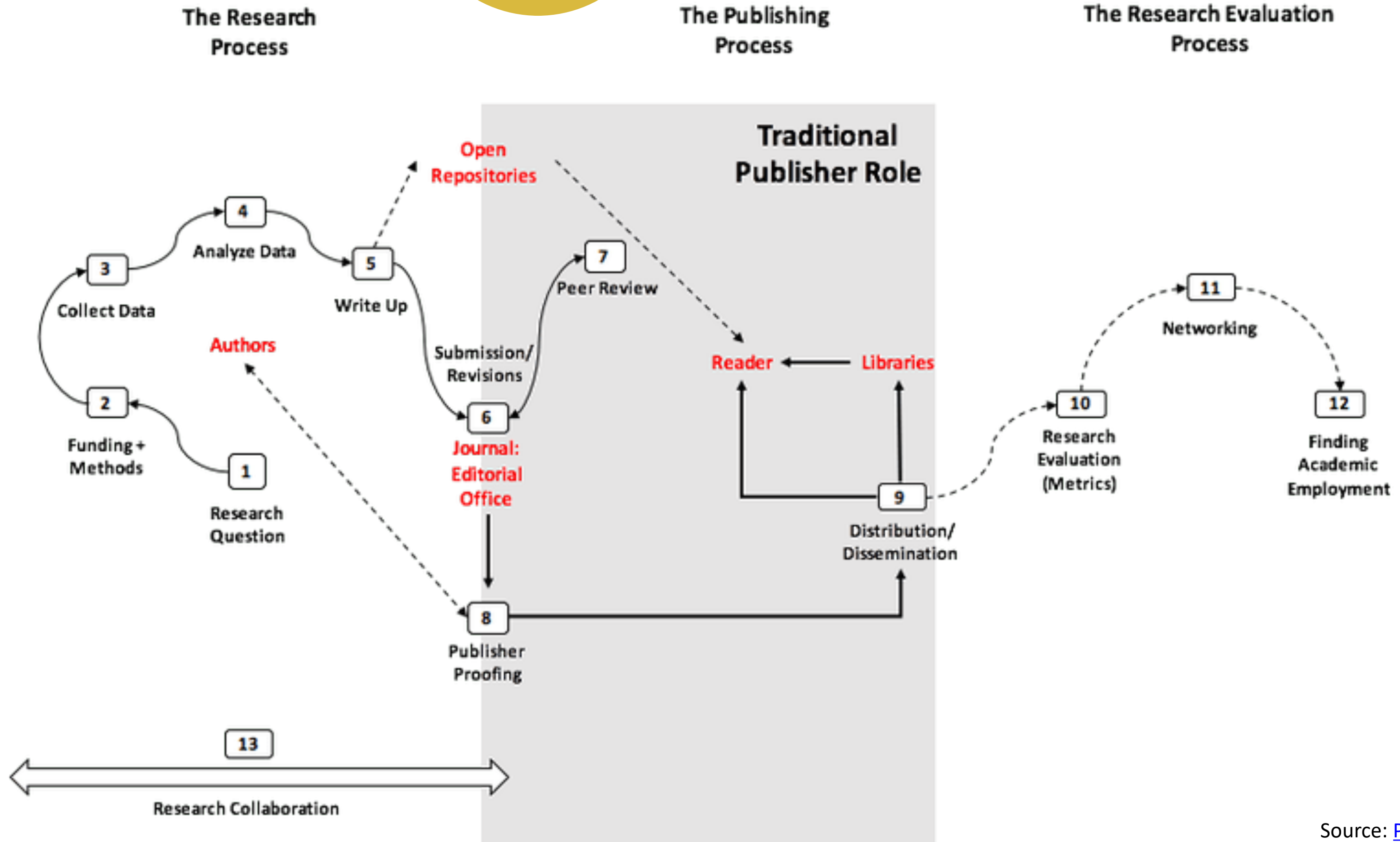


“Scientific Extroversion”



Paulin Hountondji

The Academic Knowledge Production Process

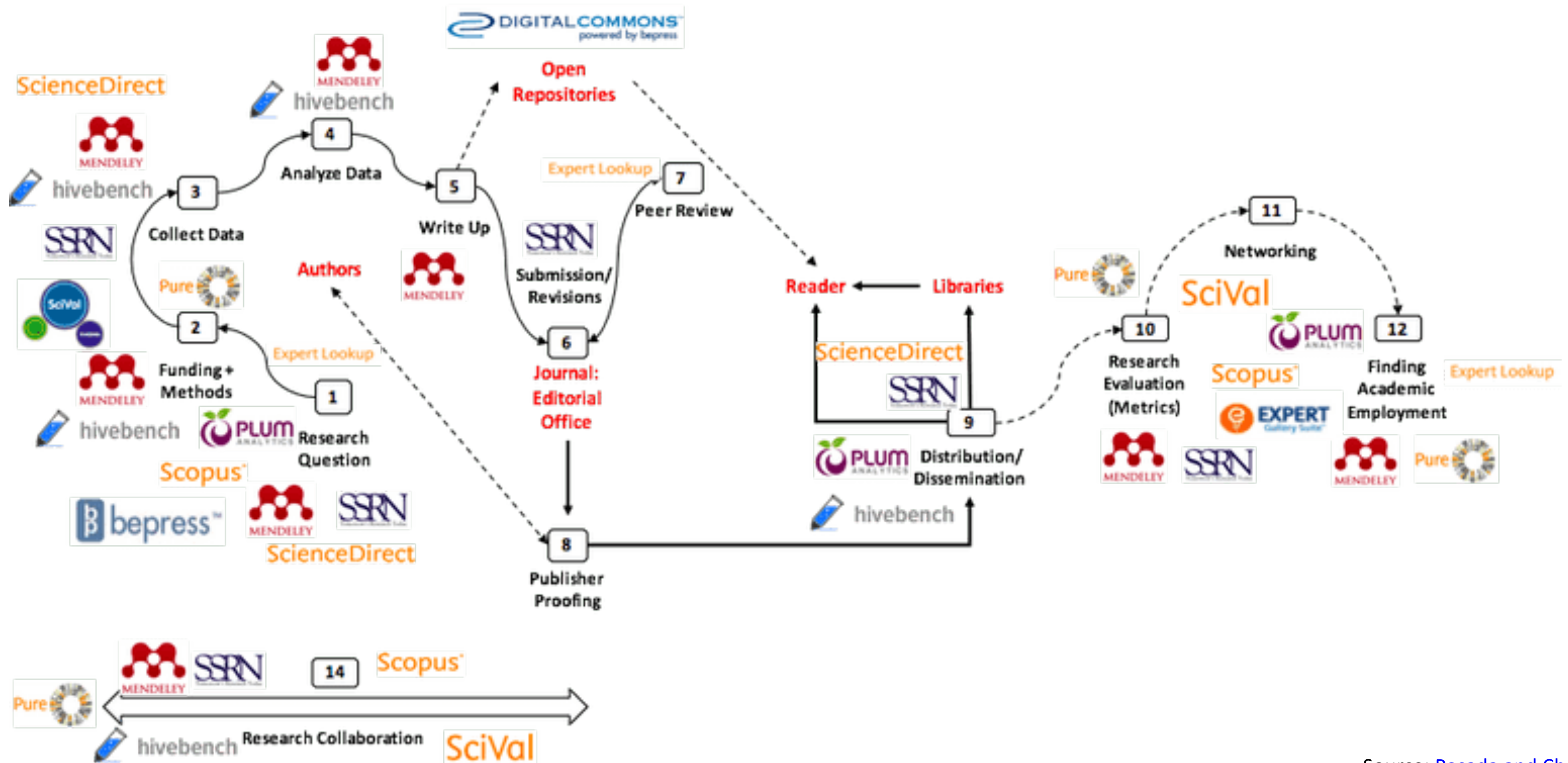


The Academic Knowledge Production Process

The Research Process

The Publishing Process

The Research Evaluation Process

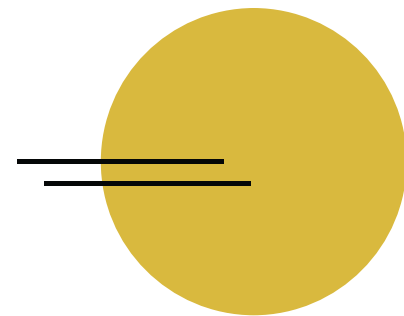


Studying Qualitative Research Data

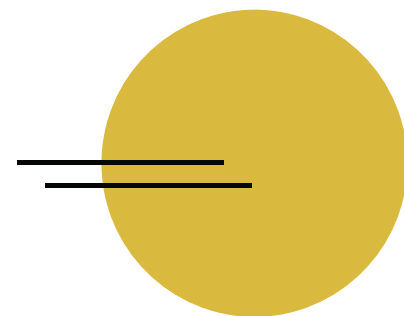
THE BANKING
SURVEY
Kenya 2007

OCHIENG OLOO

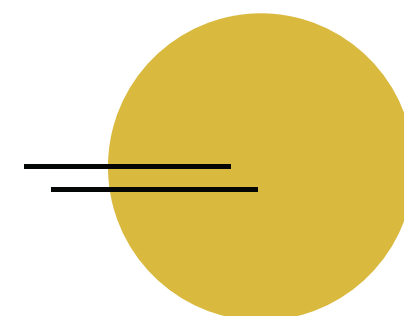
FINANCIAL DATA - FOR EACH BANK (1997 - 2006)



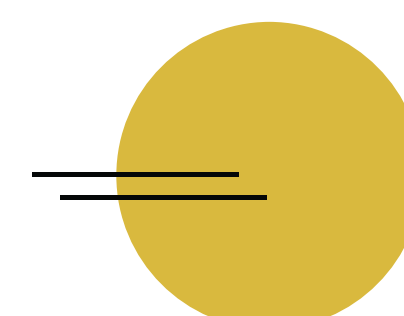
Research
Question



Multi-scalar
approach



Platform for
Experimental
Collaborative
Ethnography
(PECE)



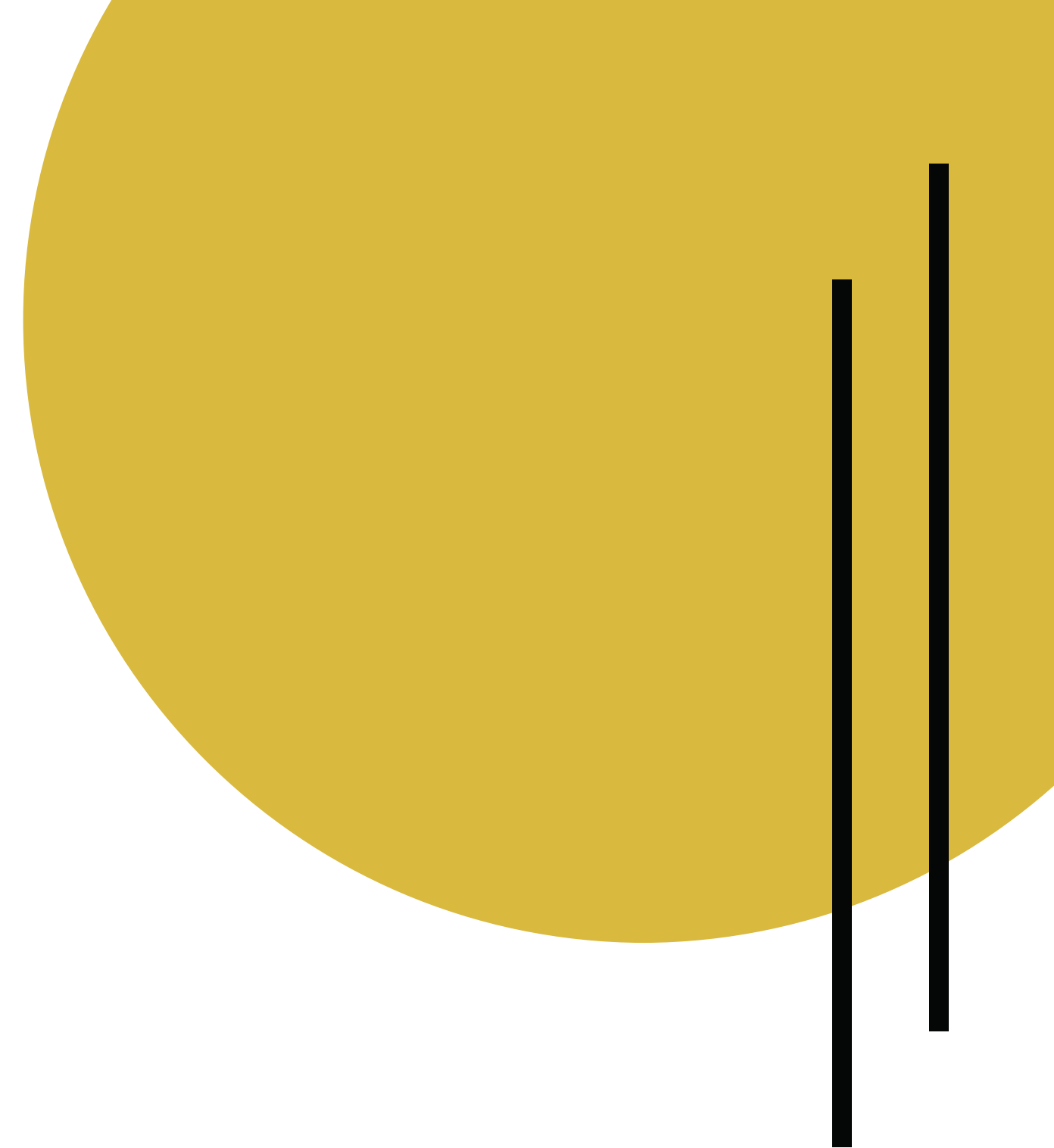
Outputs

Research Question

What counts as ethical research for researchers producing data about communities in Nairobi? How has this shifted in recent decades and what has shaped the shifts?

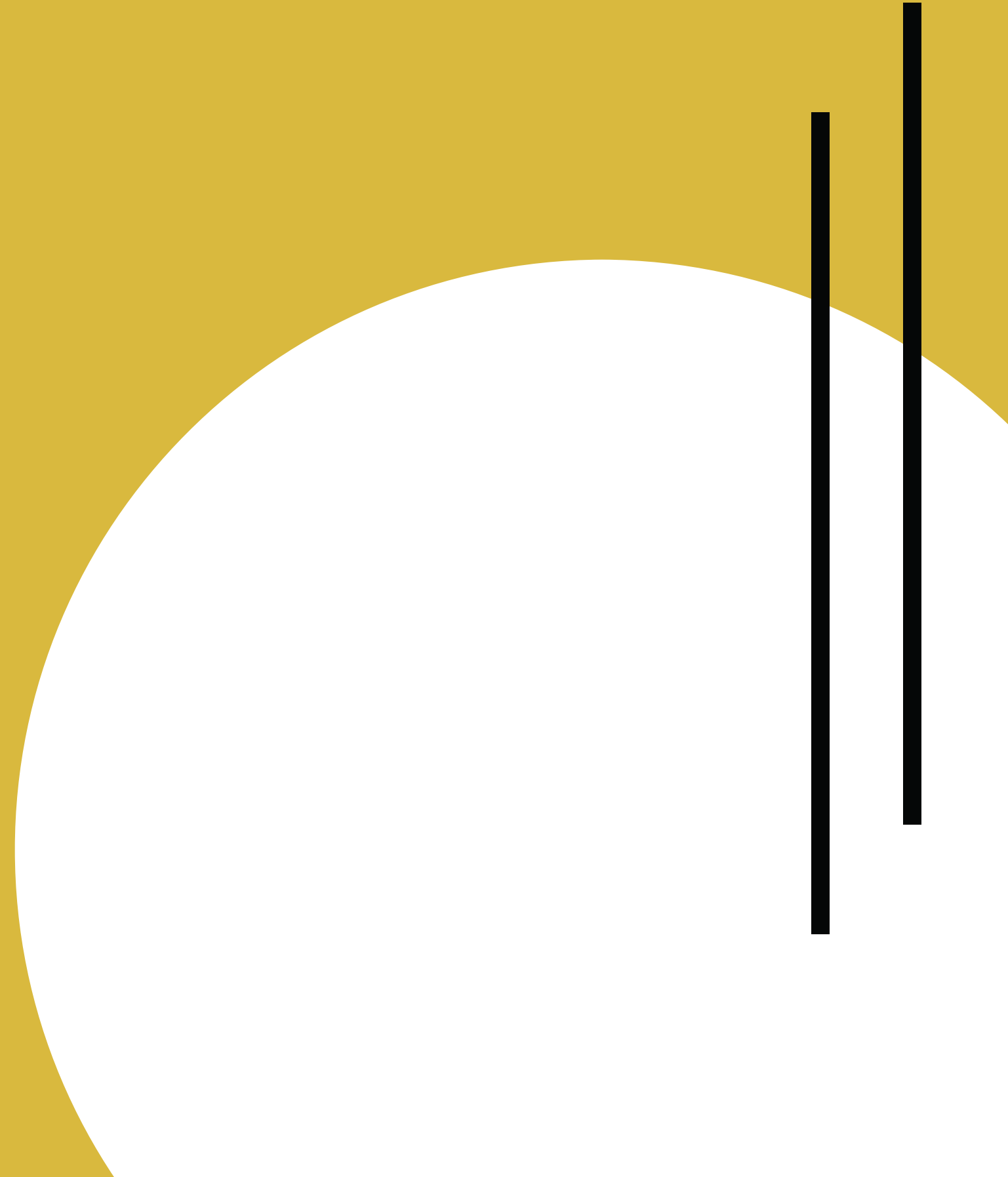
Object of Study

Qualitative Data Practices of Nairobi-based Development Researchers

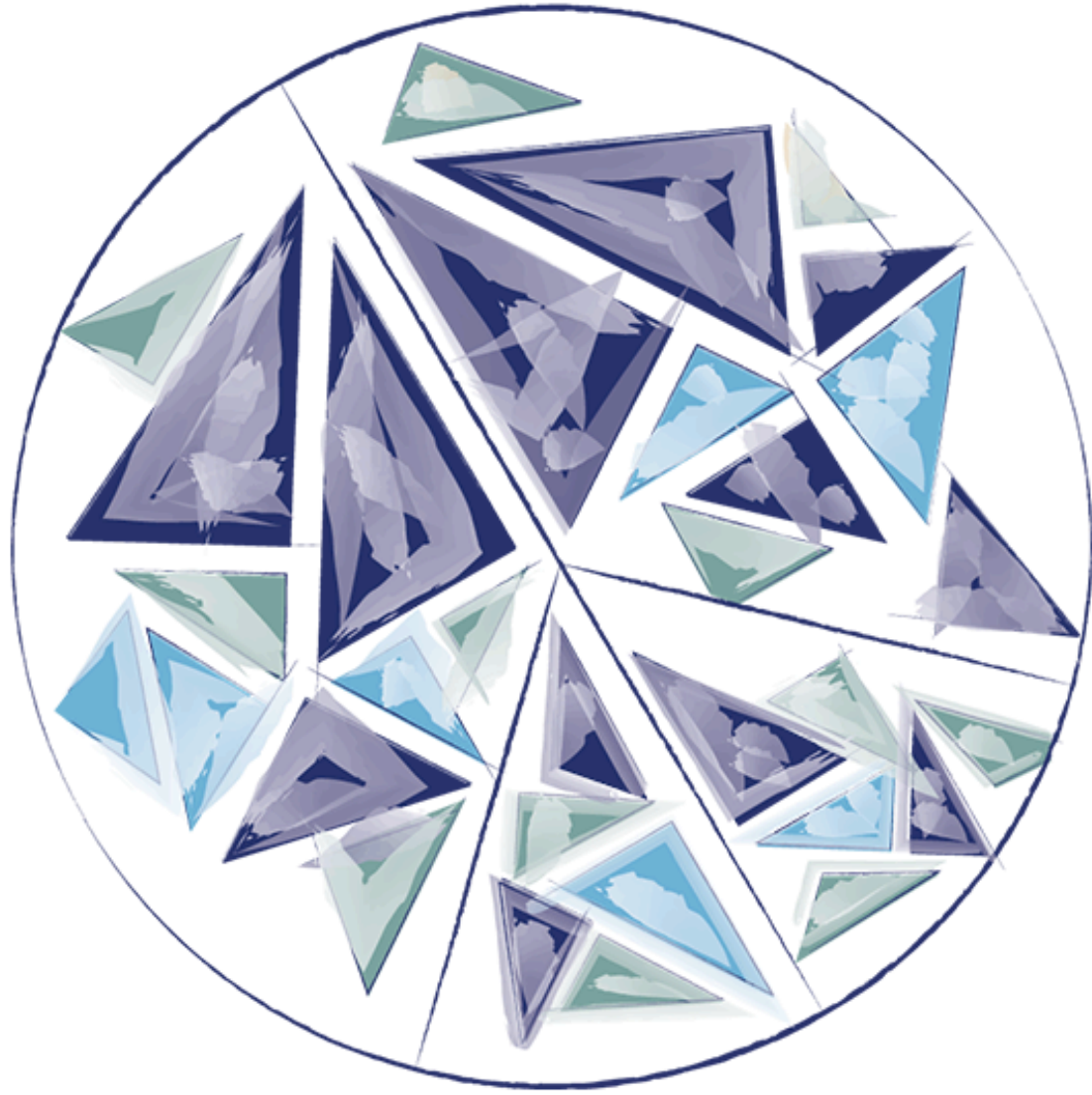


Multi-scalar

Use of Fortun's "scales" (2009) to focus on data sharing as a cultural system – one that assembles many actors, institutions, technologies and frameworks.



META	<p>In what ways have researchers in this community developed discourse around the promise of open science – particularly at a time when global support for research itself is under attack in many settings?</p> <p>To what extent have researchers in this community developed discourse that encourages investment in the development and maintenance of research infrastructure?</p>
MACRO	<p>What guidelines or frameworks are in place to support researchers in this community in discerning how to share data within the parameters of existing laws – such as copyright and requirements for human subjects research?</p> <p>To what extent are there financial structures in place to support and sustain the development and implementation of data infrastructure in this community?</p>
MESO	<p>To what extent do promotional incentives encourage researchers in this community to participate in data sharing and infrastructure development? Do the governance mechanisms that researchers in this community work within support collaborative research projects?</p> <p>Which external organizations are available to support researchers in this community in adopting and implementing data sharing infrastructure?</p>
MICRO	<p>In what ways does data sharing change the research workflow in this community? Are researchers in this community prepared to work collaboratively?</p> <p>Are there guidelines and frameworks available to researchers in this community that prepare them to integrate recommended data practices into their day-to-day work?</p>
TECHNO	<p>To what extent are the technologies and infrastructures needed to support data sharing accessible and affordable to researchers in this community? Do they have the time to learn, build, and implement them?</p> <p>How accessible are the guidelines regarding the implementation of tools and practices for data sharing to the researchers in this community?</p>
DATA	<p>To what extent do the data sharing architectures available to researchers in this community respect and preserve the unique epistemologies, commitments, and modes of analysis they bring to their research?</p> <p>How are the vocabularies researchers use in this community distinct from those used in other communities? What translational work must researchers perform when adopting shared taxonomies?</p>
NANO	<p>What beliefs and values motivate researchers in this community to engage in data sharing and collaborative work? What do they hope to gain from collaborative perspective?</p> <p>How do educational programs for researchers in this community teach the value and practice of research data sharing?</p>



PECE

**Platform for Experimental
Collaborative Ethnography**

PECE



Elicitation device



Giving back data to interlocutors



Learning by doing

The screenshot shows the Research Data Share website. At the top left is the logo with a stylized orange flower and the text 'RESEARCH DATA SHARE'. To the right are navigation links: 'MY ACCOUNT', 'DASHBOARD', and 'LOG OUT'. Below the logo, there are three main sections: 'DATA SHARING POLICIES', 'CONTRIBUTORS', and a list of policies. Under 'CONTRIBUTORS', 'Angela Okune' is listed with a button 'RETURN TO PECE ESSAY METADATA'. The 'DATA SHARING POLICIES' section is divided into 'FUNDER' and 'INSTITUTION/ORG'. Under 'FUNDER', there is a card for 'UK MEDICAL RESEARCH COUNCIL DATA SHARING POLICY' with an abstract 'AO' and a 'Read more' link. Under 'INSTITUTION/ORG', there is a card for 'EGERTON UNIVERSITY TEGEMEO INSTITUTE OF AGRICULTURAL POLICY AND DEVELOPMENT' with an abstract 'AO' and a 'Read more' link. At the bottom, there are partial cards for 'RESEARCH DATA SHARING POLICY' and 'SCHOLARLY SOCIETY'.

<https://www.researchdatashare.org/>





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Search

0 SORT & FILTER

SHARE

Basic Post

6

Archives & Libraries KE

14

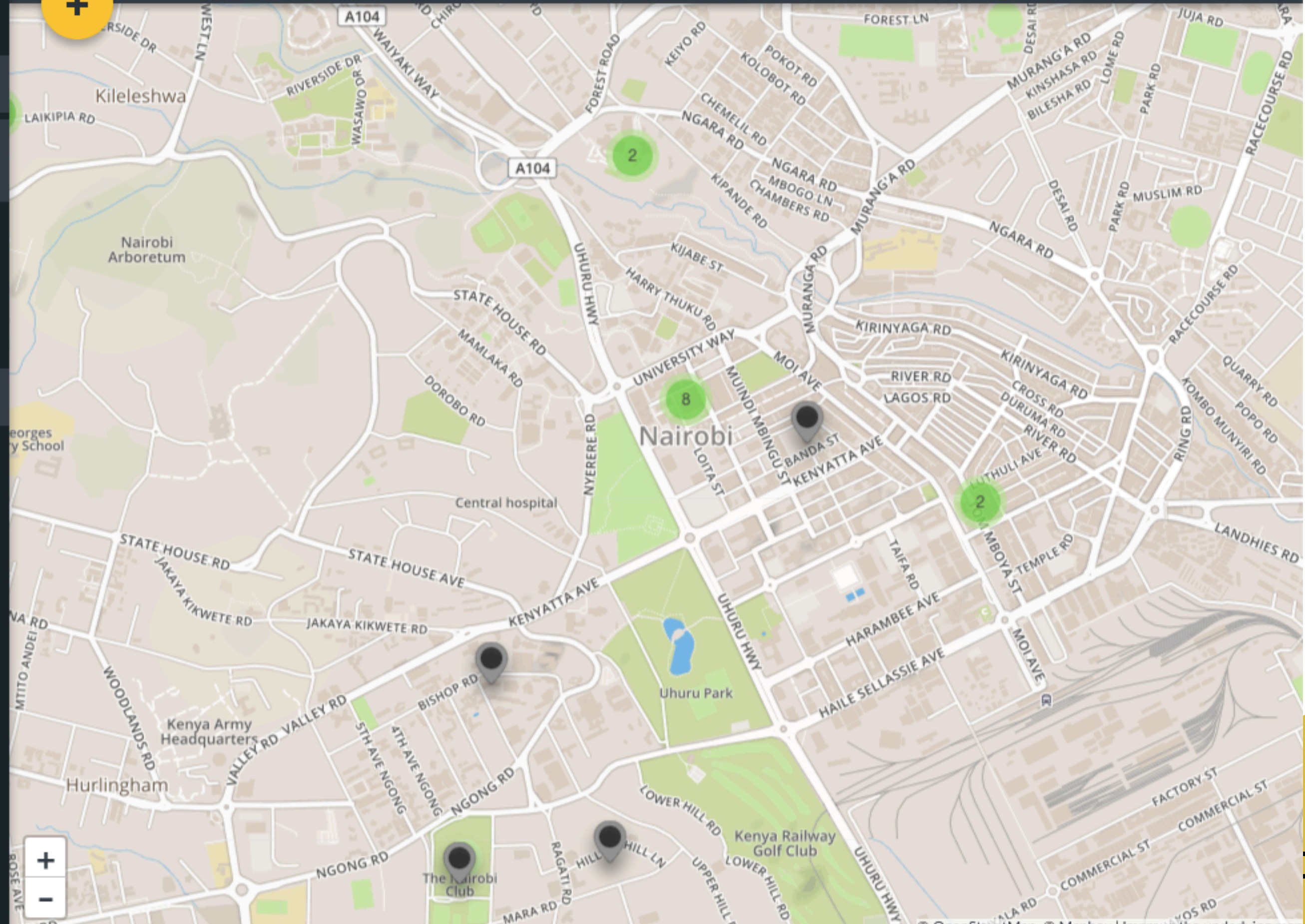
+ CREATE NEW SURVEY

DATA SOURCES

Web

20

LANGUAGE



Key Take-Aways

Situated openness

”open” for who?

Ethics in everyday research decisions

Everyday seemingly mundane research decisions are in fact ethical decisions

Regenerative research relations

How can research renew and revitalize communities own knowledge sources?

Orio
Weebale
Ashi
Erokamano
Ni_wega
Kongoi

Asanteni!

aokune@uci.edu | @honoluluuskye

Resources

Open Directory of Open Access Repositories

Listing of open access repositories around the world that have been reviewed for quality.

<http://www.andoar.org/>

Contextualizing Openness

Chan, Leslie, Angela Okune, Rebecca Hillyer, Denisse Albornoz, and Alejandro Posada, eds. 2019. Contextualizing Openness: Situating Open Science. Ottawa: University of Ottawa Press.

<https://www.idrc.ca/en/book/contextualizing-openness-situating-open-science>

