Sharing STS Data: collaborating through ethnographic data sharing

Angela Okune, Ph.D.

Writing exercise (5 mins)

Why are you motivated, curious, interested in sharing your research data? What worries do you have?

*iHub_
SSID
PWD
*iHub Research
KNOWLEDGE . DISCOVERY . SHARING
Driving local tech research in Africa
Jessica Colaço
Director of Partnerships
Angela C. Okune
Research Lead
Leonida Mutuku
Research Manager
Hilda Moraa
Junior Research Fe
Anne Salim
Researcher
James Ndiga
Outreach Coordinator
Rhoda Omenya
Grants Manager
Chris Orwa
Junior Data Scienti
Albert Otieno Orwa
Junior Research Fellow
Christine Mahihu
Research Assistant
Varyanne Sika
Research Assistant
Zack Adell
Designer

“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)

Break-out

[Drawing on Indexing Data sketch]

What is research data for you?

What could you imagine sharing? With who? How? When?

Notice the different responses you might have between sharing with other researchers vs with community interlocutors

Without data.
you're just another person
with an opinion.

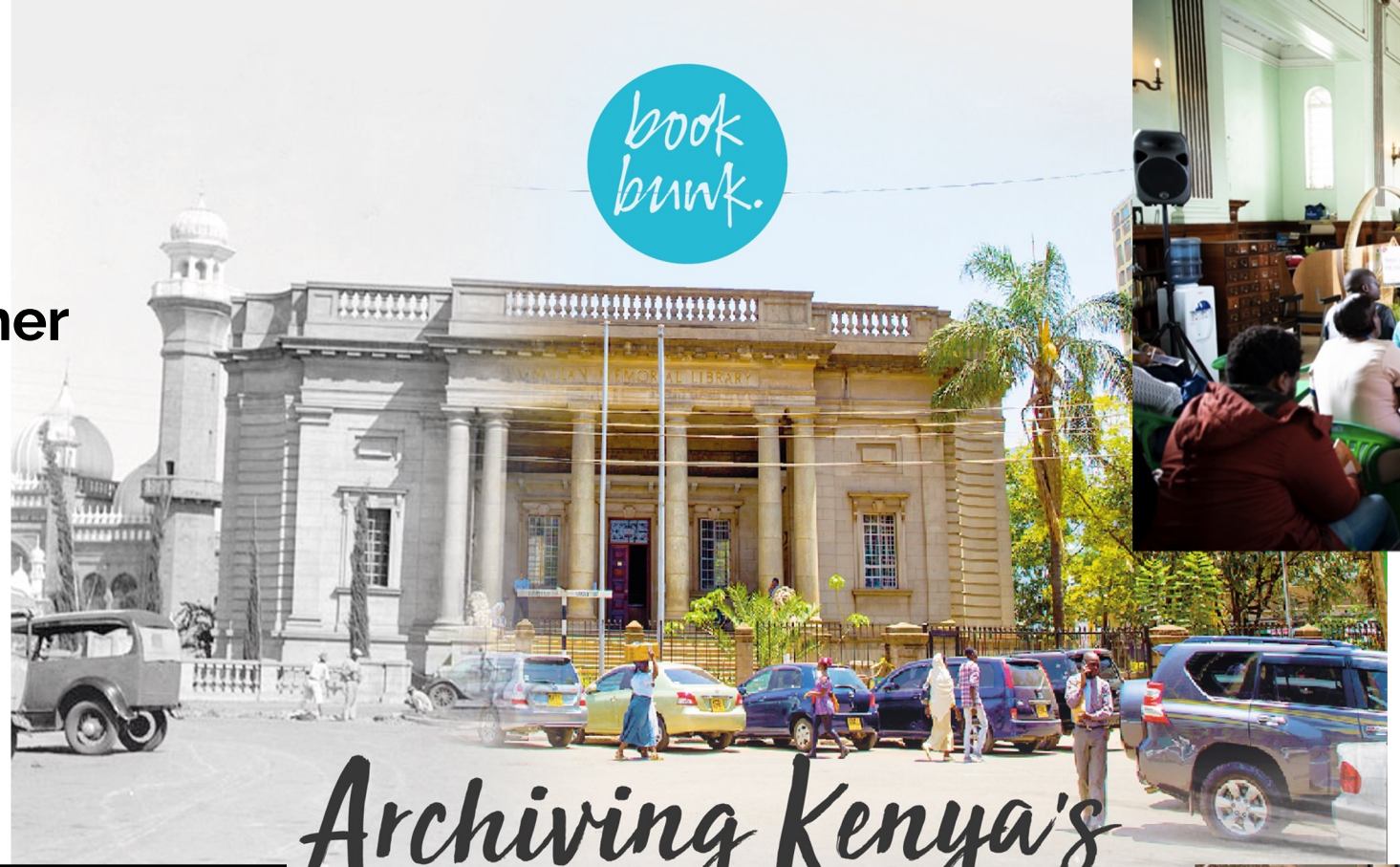
RESEARCH DATA SHARE

PECE
Platform for Experimental Collaborative Ethnography

- *Learning by doing*
- *Elicitation device*
- *Giving data back to research participants*

https://www.researchdatashare.org/

Publishing together



Analyzing together

What is “data”?

Data as relations rather than data as property.
Data as a verb rather than a noun.

Free-write

[Drawing on Borrowed Data Sketch]

What knowledge “commons” do you want to contribute to?

Where could you place the data you would like to share?

i.e. What data sharing infrastructure will you use?

https://stsinfrastructures.org/

STS infrastructures

https://estsjournal.org

https://stsinfrastructures.org/

STS

- An archive of work beyond manuscripts
- Greater recognition of diverse contributions to scholarly research
- More expansive, multilingual knowledge sharing
- Opportunities for new insights
- Pedagogical opportunities
- …

https://estsjournal.org

OVERVIEW

This essay organizes data artifacts across multiple spaces and places to think collaboratively in preparation for writing a thematic collection on STS Spaces and Places for the 4S journal, "Engaging Science, Technology and Society" (ESTS).

- Link to Zotero
- Link to data repository

ARTICLE COLLECTIONS

BECOMING AN AFRICAN TECHPRENEUR: GEOPOLITICS OF INVESTMENTS IN "LOCAL" KENYAN ENTREPRENEURSHIP

VIEW ESSAY

ECUADORIAN STS: IMAGINARIES, INSTITUTIONS AND PLACE

VIEW ESSAY

PLACING STS IN AND THROUGH TURKEY

VIEW ESSAY

LOCATING MULTIPLE NATURECULTURES

VIEW ESSAY

ASSOCIATED DATA (A–Z)

ABOUT KALEIDOS - A CENTER FOR INTERDISCIPLINARY ETHNOGRAPHY

AESTHETICS OF MORE-THAN-HUMAN WORLDS IN THE ART OF SONIA LEVY

A GENIUS, REBELLIOUS AND TOTALLY SUSPICIOUS JOURNAL: SIZOFRENGI

ANTHROPOLOGIES OF SCIENCE AND TECHNOLOGY IN JAPAN

AN ARCHAEOLOGY OF STS IN TURKEY

A POSTPLURAL ATTITUDE: REFLECTIONS ON SUBJECTIVITY AND ONTOLOGY

DOMINIQUE VINCK'S INTERVIEW

0:00 / 1:51

ECUADORIAN STS: A STORY FROM THE MIDDLE OF THE WORLD

ERNESTO LLERAS' INTERVIEW

0:00 / 1:36

EXPERIMENTING THROUGH NATURECULTURE

FIRST ECUADORIAN STS SUMMER

THE BEGINNING

SCIENCE, POLITICS AND SCIENTIFICISM

STORY OF THE STORIES FOR NUCLEAR ALLA TURCA

STS @ ITU (2000-2006): BEGINNINGS

STS @ ITU (2000-2006): TOPICS

STS @ ITU (2000-2006): CONDITIONS

STS infrastructures

MY ACCOUNT DASHBOARD LOG

SORTING THINGS OUT?: COMMENTARY ON AN INTERVIEW WITH GEOFFREY BOWKER

This essay presents data artifacts that accompany the journal article "Sorting Things Out: Commentary on an Interview with Geoffrey Bowker," published by *Engaging Science, Technology and Society* (ESTS).

Cite this dataset:

Nascimento, Elen. 2022. "Sorting Things Out: Commentary on an Interview with Geoffrey Bowker." Version 1. Audio. Distributed by *Engaging Science, Technology, and Society - STS Infrastructures* (Platform for Experimental Collaborative Ethnography). DOI.

Essay created by:

ESTS Open Data Editor Tim Schutz and ESTS Associate Editor Angela Okune

DATA INDEX FOR SORTING THINGS

DATA AVAILABILITY STATEMENT FOR "SORTING THINGS OUT: COMMENTARY ON AN INTERVIEW WITH GEOFFREY BOWKER"

I, Elen Cristina Carvalho Nascimento, conducted an interview with my supervisor, Professor Geoffrey Charles Bowker in the Informatics Department of University of California Irvine, on May 13, 2020 via Zoom.

At the time, we were still adapting to the mode of remote teachings and discussions. The interview cannot be detached from the historical moment of the beginning of the first pandemic we ever experienced in our lives. The historical context of the conversation has an underlying sense of "what did we do for things to go so wrong" because we were experiencing a limitation of social contact, and that is not trivial for the sake of human cognition and mental health.

I had sent interview questions to Geoff in advance by email. We did not have time to go through all the questions, so we set to meet again on May 15th, when we improvised some of the questions and had a more open-ended conversation. Geoff took the calls from his home in Long Beach and I called from University of California Irvine on-campus housing.

I edited the audio to select the moments mentioned in the commentary and decided not to share parts where the interviewee interrupted the interview to take care of personal issues. Also, a few comments where

SOURCE DATA

CYBERNETICS

0:00 / 1:12

ARCHITECTURE

0:00 / 2:47

BIAS ON ICS

0:00 / 1:37

CYBORGS

0:00 / 0:23

DO NOT TRACK

0:00 / 1:26

IMAGE RECOGNITION

0:00 / 1:49

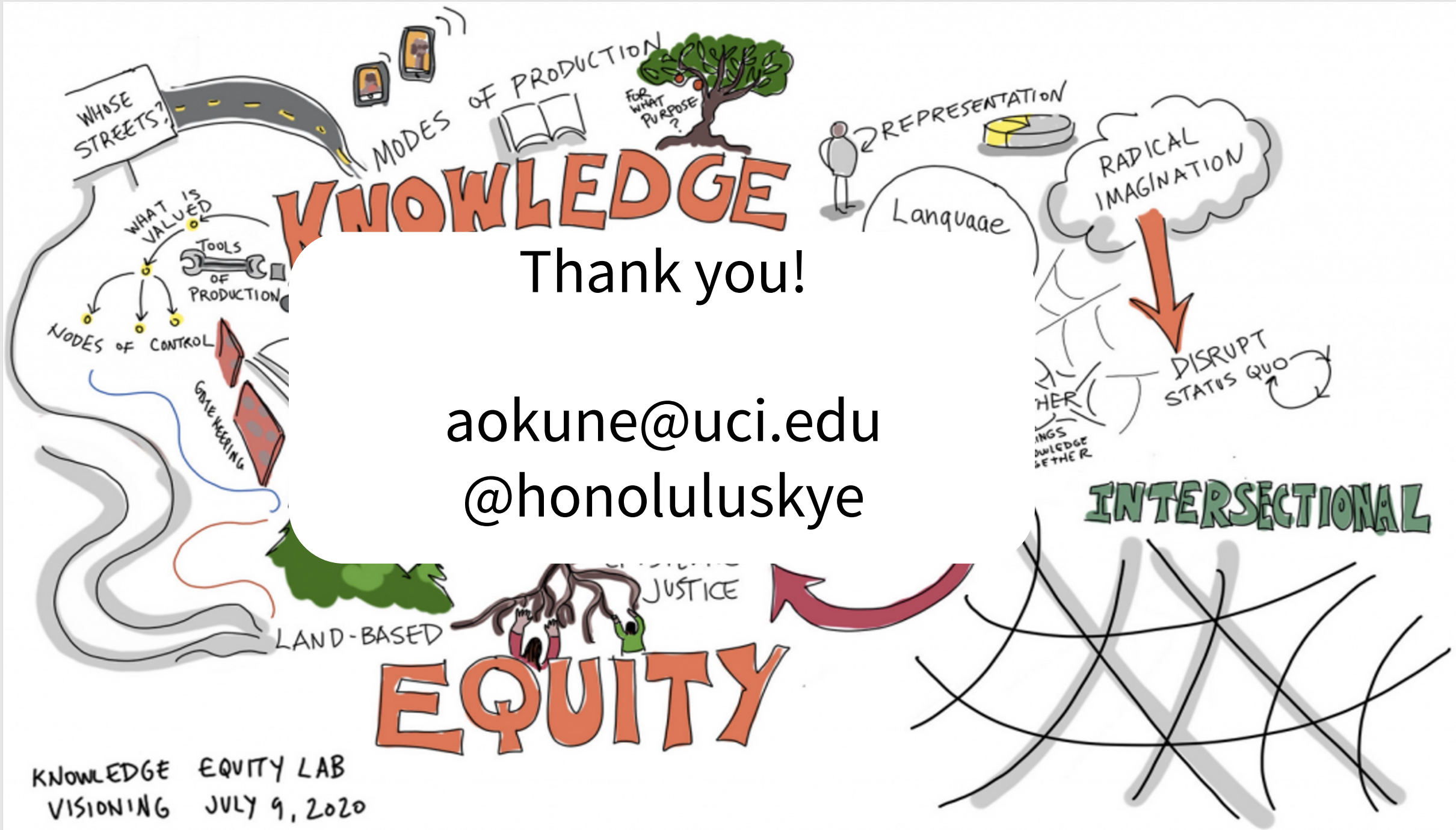
EXCEPTIONALISM

0:00 / 0:24

Even more prompts!
[How do you intend to care for your project data?]

- What kinds of data will you collect?
- What organization built the data platform that you plan to use and how is their data ideology reflected in the technical functionalities of the platform?
- Where will the data (physically) sit? (e.g. What kind of entity owns the server? What country is the server in? Under what legal jurisdiction does the server fall under?)
- Who will have access to what data?
- What meta-data will be needed?
- How will you decide the ontological categories that are relevant? With whom and when?
- What activities need to be built into fieldwork in order to have datasets that make sense not only for your individual project but also for those that you conduct research with?
- (How) would your interlocutors like to use the data?
- Should you produce and package the data so that it can also meet their needs? Why/why not?
- What are the costs associated (time and money) with the data practices envisioned and how will you build those in?
- What skills will you need to do this work? How/when will you obtain the necessary training?
- Will you need to bring others on board in your field site to help specifically on data?
- Are there others outside of your field site that you need to consult with?

From Okune, Angela. 2020. "Open Ethnographic Archiving as Feminist, Decolonizing Practice." *Catalyst: Feminism, Theory, Technoscience* 6 (2). https://doi.org/10.28968/cftt.v6i2.33041.



Thank you!

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