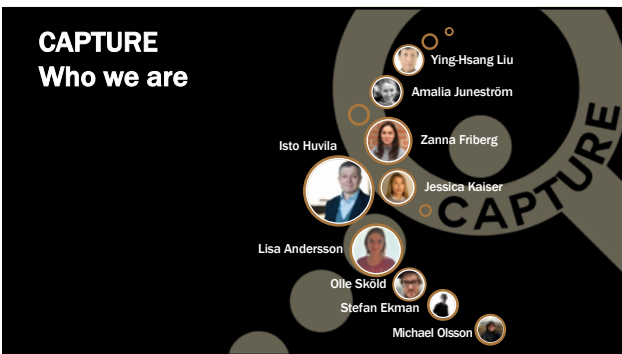




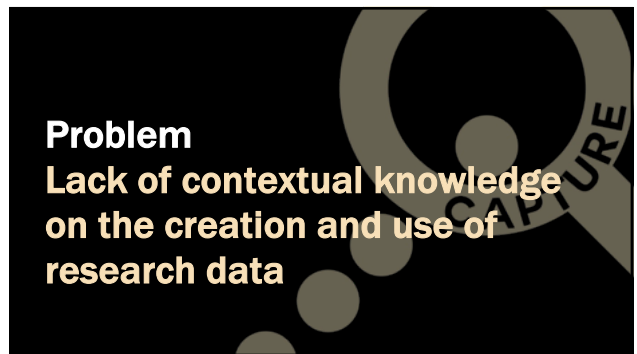
1



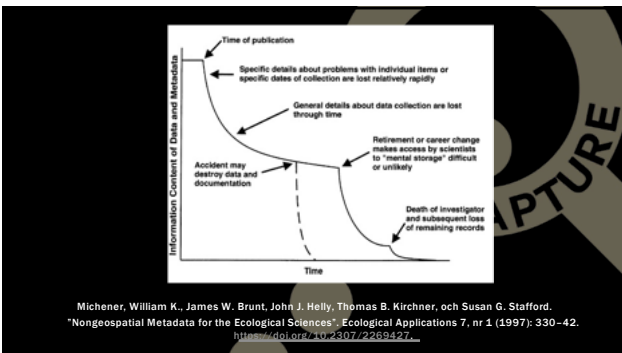
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6

What information about the creation and use of research data is needed and how to capture enough of that information to make the data reusable?

7

Paradata
data on the processes of its creation and use

8

Paradata
"a category of things that can be appropriated as informative of processes and practices"

Huvila (Ed.) Paradata: Documenting Data Creation, Curation and Use. *Forthcoming*

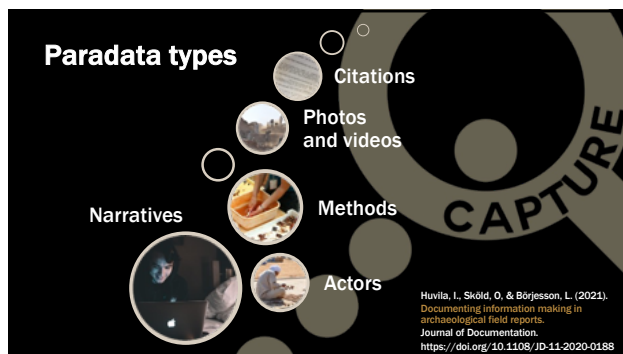
9

Documenting enough, not too much.

10

Much paradata is available in existing documentation.

11



12

Knowledge organization paradata (KOP)		
Column	Transformation to data units (DU)	Transformation to archaeological information (AI) / Knowledge-making paradata (KMP)
A	Relating to site	Conceptualising within site defined by the project
B	Relating to province	Situating in province
C	Relating to county	Situating in county
D	Relating to parish	Situating in parish
E	Relating to origin in library/portal/database/archive	Documenting in library/archive
G	Assigning object id (number)	Assigning object id (number) to a certain sequence
H	Assigning object name (item)	Naming (liberal)

Börjesson, L., Sköld, O., Friberg, Z., Löwenborg, D., Pålsson, G., & Huvila, I. (2022). Re-purposing Excavation Database Content as Paradata: An Explorative Analysis of Paradata Identification Challenges and Opportunities. *RULA: Knowledge Creation, Dissemination, and Preservation Studies* (KS), Article 2. <https://doi.org/10.48377/rula.221>

13

It's not about having more data.
It's about understanding datawork.

14

But...

15

Paradata is (also) about identifying individuals.

16

Paradata is (also) about personal discussions and reflections.

17

Paradata is (also) about **private** discussions and reflections.

18

Open science is "inclusive construct [...] aiming to make multilingual scientific knowledge openly available, accessible and reusable for everyone, to increase scientific collaborations and sharing of information for the benefits of science and society, and to **open the processes of scientific knowledge creation, evaluation and communication to societal actors** beyond the traditional scientific community"

UNESCO Recommendation on Open Science, 2021

19



20

Debate on pro forma documentation

e.g., Yarrow, 2008; Pavel, 2010; Sandoval et al. 2021

https://en.wikipedia.org/wiki/SingaporeContext_recording/media/File/Context_sheets.jpg

21

**Aims of information work:
data making or knowledge production?**

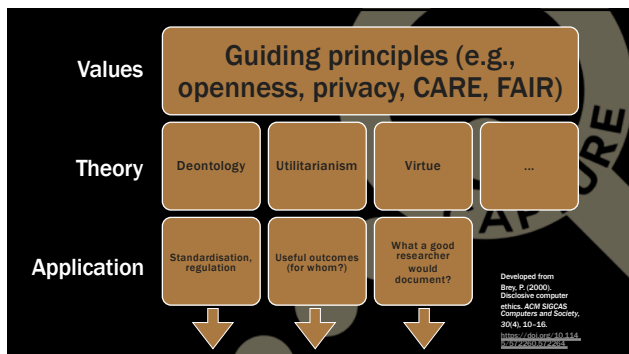
22

Aims of openness
Trust, reproducibility, aggregability... or what?

23

Documenting for specific purposes
Keeping rather than disclosing
Maintaining control
Contact details rather than full disclosure
...

24



25

A system change in how scholarship works?

26

Need for architectural rather than disruptive innovation.

Henderson, Rebecca M., and Kim B. Clark. "Architectural Innovation: The Re-configuration of Existing Product Technologies and the Failure of Established Firms." *Administrative Science Quarterly* 35, 1. (1990) 9-30.

27

Standardisation versus flexibility.

28

Standardisation *and* flexibility.

29

When paradata becomes a paradox? Limits and extents of process transparency in archaeological documentation

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