



Metrics – To What End?

Stefanie Haustein

Associate professor, School of Information Studies, University of Ottawa
Co-director, Scholarly Communications Lab

Overview

- Altmetrics – the idea
- Altmetrics – the reality
- Spectrum of scholarly metrics and engagement
- Using open infrastructure

Metrics – to what end?

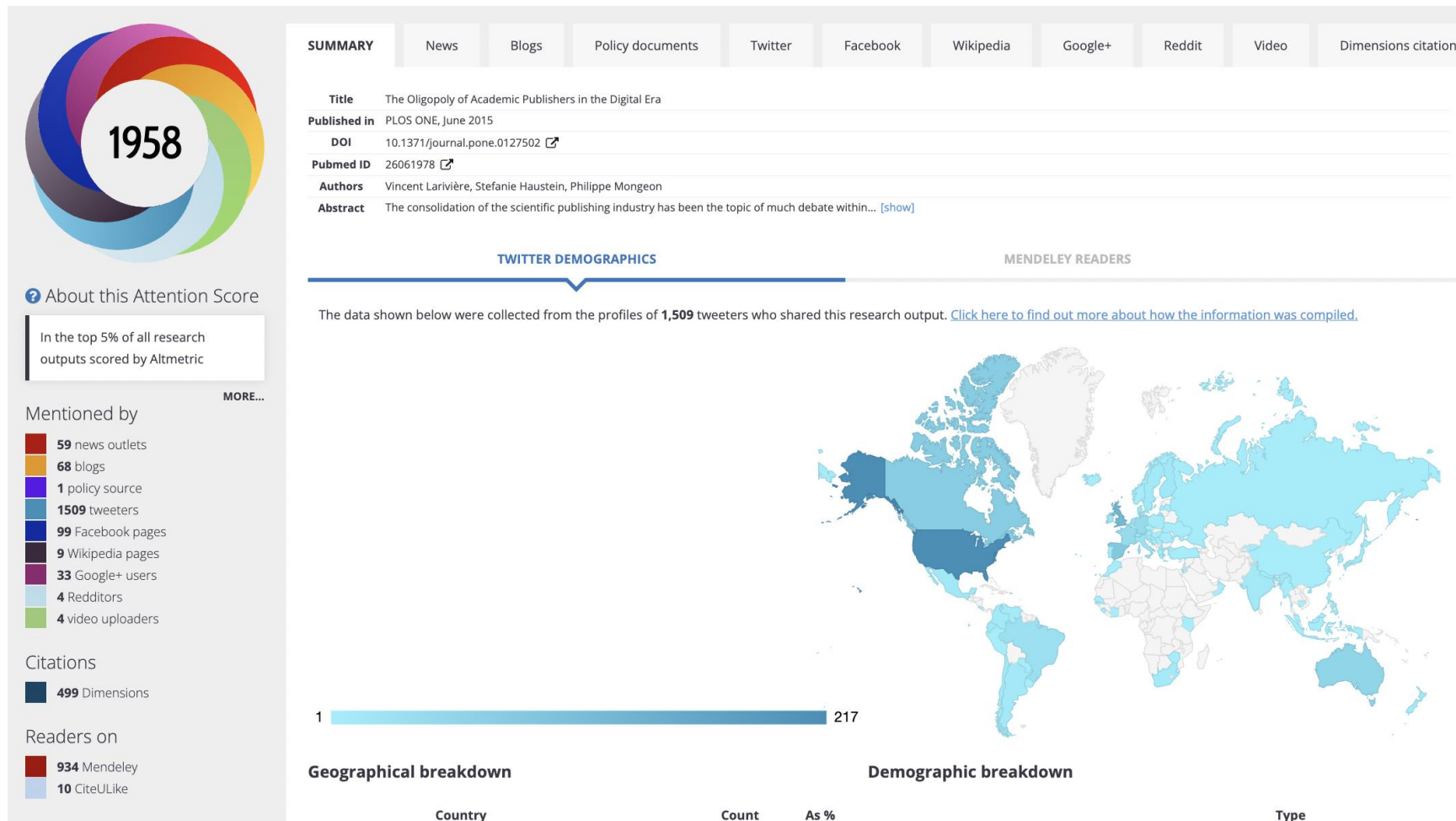
Altmetrics – the idea

- Capturing broad forms of impact
- Valuing all forms of research output



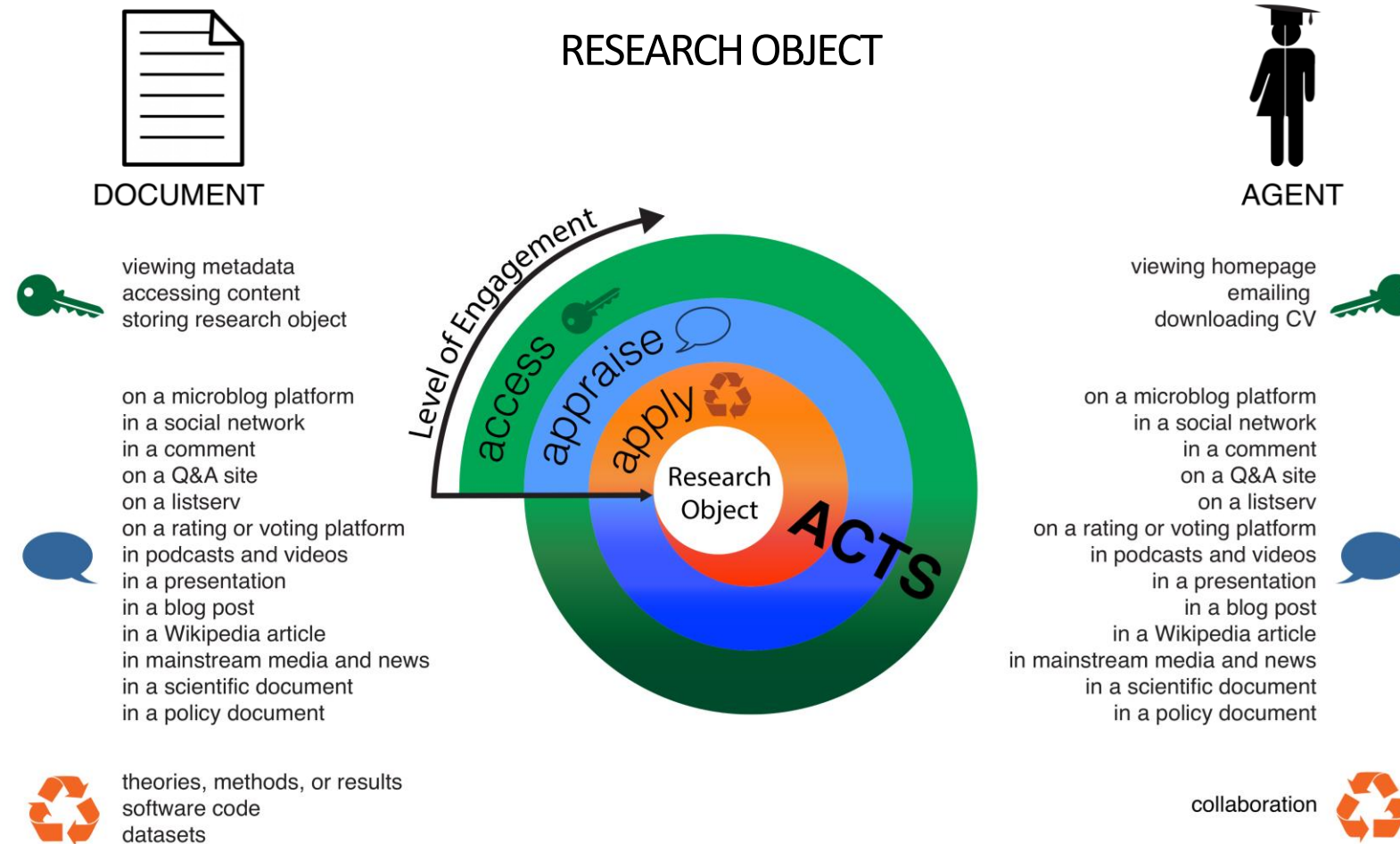
Metrics – to what end?

Altmetrics – the reality



Metrics – to what end?

Spectrum of scholarly metrics and engagement



Metrics – to what end?

Open infrastructure

→ Depositing outputs in repositories to create metadata

The image shows a screenshot of the Zenodo upload interface. On the left, there is a sidebar with the Zenodo logo and an 'Upload type' section containing three options: 'Publication', 'Poster', and 'Presentation', each with a radio button. The main area is titled 'Basic information' and contains several input fields: 'Digital Object Identifier' (with a placeholder 'e.g. 10.1234/foo.bar'), 'Publication date' (with the value '2023-03-21'), 'Title', and 'Authors' (with sub-fields for 'Family name, given names', 'Affiliation', and 'ORCID'). Below this is a 'Related/alternate identifiers' section with a form for adding related identifiers, including a URL, a relationship type, and a resource type. The interface is clean and modern, with a blue header and a white background.

Basic information required

Digital Object Identifier

Optional. Did your publisher already assign a DOI to your upload? If not, leave the field empty and we will register a new DOI for you. A DOI allows others to easily and unambiguously cite your upload. Please note that it is NOT possible to edit a Zenodo DOI once it has been registered by us, while it is always possible to edit a custom DOI.

Publication date *

Required. Format: YYYY-MM-DD. In case your upload was already published elsewhere, please use the date of first publication.

Title *

Required.

Authors *

Optional.

Related/alternate identifiers recommended

Specify identifiers of related publications and datasets. Supported identifiers include: DOI, Handle, ARK, PURL, ISSN, ISBN, PubMed ID, PubMed Central ID, ADS Bibliographic Code, arXiv, Life Science Identifiers (LSID), EAN-13, ISTC, URNs and URLs.

Related identifiers

Optional. Resource type of the related identifier.

[+ Add another related identifier](#)

Conclusions

- Need for research evaluation to be more inclusive
 - Valuing all research outputs
 - Capturing various forms of impact
- Altmetrics are limited
 - Use as basis for storytelling, not rankings
- Using open metadata and infrastructure
 - Giving visibility to all output types
 - Reducing burden on reporting



Thank you!

@stefhaustein | stefanie.haustein@uottawa.ca

scholcommlab.ca