Reference Management with Zotero

Lars Schöbitz

lschoebitz@ethz.ch

Global Health Engineering - ETH Zurich

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Hello! 👋

Lars Schöbitz

- Environmental Engineer

- Open Science Specialist at Global Health Engineering

- RStudio certified instructor for Data Science with R

My role – Open Science Specialist

- research data management

- reproducible workflows

- mindset for Open Science

- research communication

- teaching data science tools

- proposal writing

✋

Who has published a report, thesis, scientific article, or similar?

✋

Who already uses a reference management tool? (e.g. Mendeley, EndNote, Zotero)

Four terms

- Citation

- Reference

- Bibliography

- Citation Style Language (CSL)

What's a Citation?

- Inequality underpins waste management systems, structuring who can or cannot access services (Kalina et al., 2023).

- Many visitors still expect a personal pick-up, despite the availability of taxi services (Tilley & Kalina, 2021).

- In Tilley & Kalina (2021), the authors describe how visitors still expect a personal pick-up, despite the availability of taxi services.

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- In Tilley & Kalina (2021), the authors describe how visitors still expect a personal pick-up, despite the availability of taxi services.

> ⚠ Important: The period is after the citation.

What's a Reference?

- detailed description of the source of information

- author's name, title, year of publication, publisher, DOI, etc.

Tilley, E., & Kalina, M. (2021). "My flight arrives at 5 am, can you pick me up?": The gatekeeping burden of the african academic. *Journal of African Cultural Studies, 33*(4), 538–548. https://doi.org/10.3929/ethz-b-000493677

What's a Bibliography?

- list of references in a research paper or project

- includes all sources used, whether they were directly quoted or not

- listed alphabetically by the author's last name in the reference list

References

Kalina, M., Makwetu, N., & Tilley, E. (2023). "The rich will always be able to dispose of their waste": A view from the frontlines of municipal failure in Makhanda, South Africa. *Environment, Development and Sustainability*. https://doi.org/10.1007/s10668-023-03363-1

Tilley, E., & Kalina, M. (2021). "My flight arrives at 5 am, can you pick me up?": The gatekeeping burden of the african academic. *Journal of African Cultural Studies*, *33*(4), 538–548. https://doi.org/10.3929/ethz-b-000493677

What's the Citation Style Language (CSL)?

- It's what your citation and generated bibliography look like

- APA (American Psychological Association) Style, Chicago Style, IEEE Style, Vancouver Style, etc. (over 10,000 styles in Zotero Style Repository)
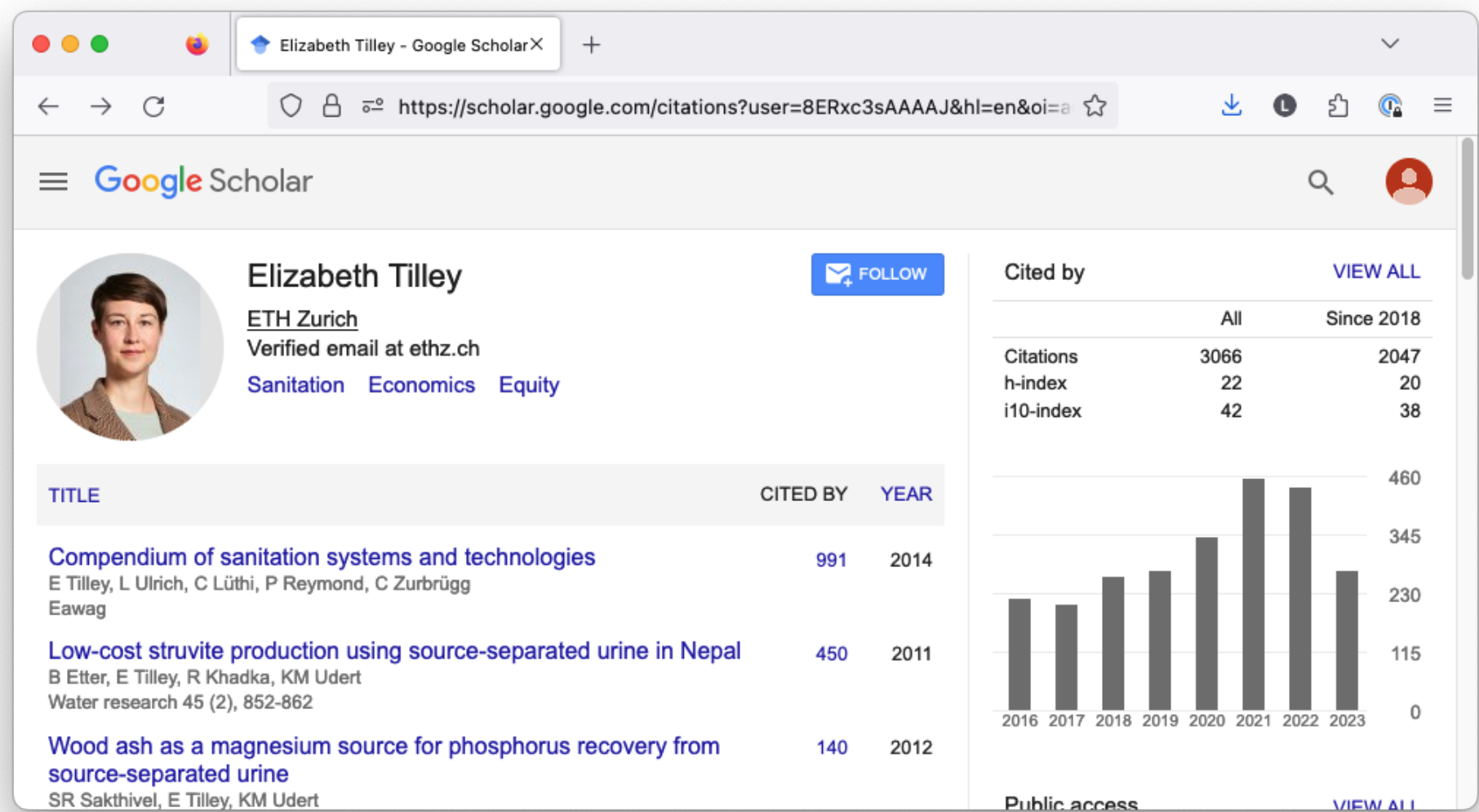
What's the Citation Style Language (CSL)?

author-date: Many visitors still expect a personal pick-up, despite the availability of taxi services (Tilley & Kalina, 2021).

numeric Many visitors still expect a personal pick-up, despite the availability of taxi services [1].

Why do we care about citations?

- research integrity: give credit to the original author

- plagiarism: don't claim someone else's work as your own

- original source: allow readers to find the original source

- but also: $$$

Citations – the currency of science

Why use a reference management tool?

Managing references manually:

- is a lot of work

- is prone to mistakes

- makes you lose track

Why use Zotero?

- free

- open source: developed in public

- transparent about access to your own data

- cross-platform (Windows, Mac, Linux)

- collaboration in groups

- integration with word processors

How to use Zotero with MS Word

Live demonstration exercise

- Learners open their laptops

- Instructor demonstrates and narrates out loud

- Intstructor explains elements and principles that are

- Learners join by following along

- Learners "code-along" with the instructor

Open Science Tools

Keen to learn how to use this within a computational authoring environment?

Check out: ost-hs23.github.io/website/

- Day 1: 17th October 2023 - 08:30 am to 12:30 pm CET
- Day 2: 24th October 2023 - 08:30 am to 12:30 pm CET
- ECTS: 0.5

Thanks 🌻

Slides created via **revealjs** and **Quarto**:
https://quarto.org/docs/presentations/revealjs/

Source code: GitHub

Access: HTML

Download: PDF

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