

The background of the slide is an aerial photograph of the EPFL campus. It shows several large, modern buildings with flat roofs and glass facades. In the distance, a large body of water (Lake Geneva) is visible under a cloudy sky. The overall scene is captured in a slightly desaturated, cinematic style.

Searching for scientific information and citation basis - Design Project

Valérie
Charbonnier
Ophélie Zünd

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Information retrieval strategy

1. Define the topic in the form of a question
2. Pull out the main concepts, keywords
3. Think of synonyms and related concepts
4. Write a search equation
5. Use multiple resources

Information retrieval strategy

1. Define the topic in the form of a question

Develop a methodology to reduce the concentration of micropollutants in wastewater.

How to treat wastewater to remove micropollutants?

2. Pull out the main concepts, keywords

Wastewater / Micropollutant / Treat / Remove

3. Think of synonyms and related concepts

« Sewage Sludge » / Saniti / Process* / Extracti* / Method**

4. Write a search equation

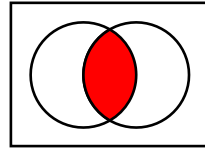
(Process OR Method*) AND (“Wastewater treatment” OR “Wastewaters treatment” OR Wastewater*) AND Micropollu**

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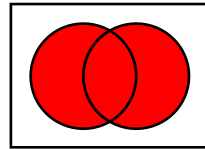
Boolean operators and more

AND to combine key concepts



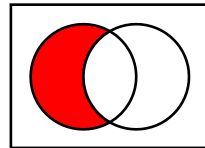
() to group concepts

OR to add key concepts



***** to replace one or several characters

NOT to exclude concepts



« » to create an expression

Choosing information resources

■ Use scientific resources

- Encyclopaedies
- Books
- Articles
- Conference papers
- Thesis
- Patents
- <https://www.epfl.ch/campus/library/collections/>

Web of Science™

BEAST discovery tool

<https://go.epfl.ch/beast-catalog>

Use the EPFL [VPN](#) connexion

- Cross-check information
- Is the information reliable, valid, objective and accurate?
 - ✓ Is the information up-to-date?
 - ✓ Who is the author?

- The EPFL library offers several resources to help you with: why, when and how to cite your sources
 - [Bibliotheque EPFL Guide Rational Bibliographic.pdf](#)
 - [Guides, recommended tools and tutorials – Library - EPFL](#)
 - [Essential Bibliographic Versionanglais 20211003 \(1\).pdf](#)

- Valérie Charbonnier – Librarian for Environmental science and engineering resources
 - valerie.charbonnier@epfl.ch
 - [Library page](#) for Environment
- EPFL Library Teaching team
 - Formations.bib@epfl.ch
 - [Book a librarian](#)