Literature research – practical, duration between 1h and 1.5h

Goal: this practical exercise demonstrates typical steps involved in searching and organizing literature.

First of all, before we start searching papers, let's start Jabref, so that we can save our search results in a literature database.

- Open a VPN connection

- Open jabref

- Give your database a name and save it (remember to save on a usb stick at the end if you want to keep the file)

- *Tutors will help with problems and demonstrate how to import a paper into Jabref from ISI, google scholar, and directly from the journal website*

Imagine you want to find out about „Ecosystem services". You want to find the most relevant (relevant = highly cited, important for the field), and the most recent papers on this topic.

- Use ISI Web of Knowledge to find

    - The 5 most cited papers ever on this topic

    - Browse titles to find what seems to you the most relevant papers of the last two years, judging from title, journal and citations so far

- Do the same in google scholar (all papers and the last 2 years), and add papers to your database if they are not in there yet

- Did you find the same papers? Which papers seem more relevant to you?

- *Tutors will give some additional hints about how to search for papers in jabref and organize papers by keywords / groups*

Now, to demonstrate how a literature database is used while writing a scientific text,

- Close Jabref, and open it again in **32 bit mode** following the instructions of this page (Background – annoyingly, connecting Jabref with Open/ Libre Office currently only works when both programs are running in 32 or 64 bit)

- Open the libre office writer on your computer, and save a new document

- In Jabref, open Tools/Open office connection

- Click on the connect button, and if it doesn't work, locate your open office directory and put it into manual connect (second button to the left)

- Now, you can use cite to push a reference to open office, write a mock text and use this feature

- Your reference list is created at the end of the document if you press the circular arrow button

Don't worry too much if the last step doesn't work, it's a bit tricky due to the computer system here, and it's just a demonstration - the connection of your writing program with JabRef will be more convenient with LaTeX, which you will use to write your article next week!