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 (in **32 bit mode**: connecting Jabref with Open/ Libre Office only works when both programs are running in 32 or 64 bit. For doing so use the instructions at the bottom of [this page](#))

- Give your database a name and save it (remember to save on a usb stick in 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, and add papers to your database if it's not in there yet
- *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,

- Open the open office distribution 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