**Notes and record of my own literature search and the process after reading ‘Conducting Research in Conservation: Social Science Methods and Practice’**

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**I. NOTES OF READING**

Key steps: Determine keywords and phrases that can be used as search words. Sometimes special sentences are considered. If you need to disconnect, you need to add a connector like AND.

Google Search includes all published academic articles, so the quality of the website that provides information cannot be guaranteed. Therefore, it is best to be used for non -academic research.

TIPS:

1. Put search words in quotes so that they can be regarded as single phrases rather than two separate keywords. (e.g. ["Ecological Tourism Certification"])
2. Specifies the release date (advanced search) Web of Knowledge search on WOK is more suitable for search for academic papers.
3. Adjusts search words, limits or expands publication date, and so on.

In order to make full use of your time, you must have a clear focus before starting, and know what level details of your goal are so that you know when to stop. Setting a rough time limit for yourself may be useful. After this time limit, you stop and check if you have enough time. Record your search and refine your goals step by step.

For details of the reference information, you can cut and paste them into Word or Excel documents to create a list, or if you use WOK, you can directly export them to the expert reference data database program, such as Endnote or RefWorks. Once you start to download the full text of the article, it is useful to store them in a separate folder according to the subtheme.

Copy and paste the key part to your notes may be useful -but be careful to mark these parts as direct reference.

Writing drafts before data collection is useful. This will help concentrate your thoughts. The more you write now, the more you don't need to go back to read the original information.

**II. RECORD OF LITERATURE SEARCH AND THE PROCESS**

**Research topic:** Pros and Cons of Artificial Intelligence

**For UAL Library:**

**Search terms 1:** Artificial Intelligence

Result: Your search returned 450 results.

Details: There are many different kinds of artificial intelligence, such as AICI, AICAI, AI, AIAM, ICAIBD, ICAICA, etc.

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**Search terms 2:** artificial intelligence impact

Result: Your search returned 6 results.

Details: It always relates to human lives, technology, culture, employments.

The impact on human employment caught my attention.

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**Search terms 3:**  artificial intelligence employment

Result: Robot-proof: higher education in the age of artificial intelligence / Joseph E. Aoun.

Details: The result is a book of concrete essays about the reformation of higher education in the context of artificial intelligence.

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**For Google scholar:**

**Search terms 1:**  Artificial Intelligence

Result：About 5,360,000 results (0.09 sec)

Details: Obviously, the theme of artificial intelligence is too wide in Google Schola. The search results are not only the research and perspectives of artificial intelligence we need, but also a very basic concept definition, possibility summary and method -related popular science articles. Therefore, I need to further refine the search words.

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**Search terms 2:** artificial intelligence ethics

Result：About 1,690,000 results (0.13 sec)

Details: ARTIFICIAL Intelligence Ethics involves excessive aspects, and it needs to be refined to a specific problem.

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**Search terms 3:** artificial intelligence ethical and regulatory issues of employment

Result：About 105,000 results (0.05 sec)

Details: the results include a lot of moral and legal content, it may be better to delete or transform Ethical into other keywords.

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**Search terms 4:** paradoxes of artificial intelligence and regulatory issues of employment

Result：5 results (0.09 sec)

Details: After we chose an article that sorted with date and cancelled the reference and patents, the directory range was significantly reduced to three. But at the same time, its disadvantage is that it cannot compare the content of the article vertically.

Graphical user interface, text, application, email

Description automatically generated

**III. CONCLUSION**

In the process of document retrieval, we need to first determine a general direction, keep recording and reflecting during the search process, so as to further refine our research direction, and focus on the field of keywords through various screening criteria, including the age, source and type of the document.