

Searching & Managing Scientific Information

Module 1 – Searching Scientific Information

Exercise – Advanced Searching

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Resources: Lib4RI website (www.lib4ri.ch), Scopus (www.scopus.com).

Topic: Fossil fuelled ships in the marine environment

- a) Starting from the main search terms, create a table with synonyms and words of similar, sub- or superordinate meaning. Use adequate phrases to group words that function as a single meaning. Recognise and employ options for truncation to also account for e.g. adjectives, plural, etc. [10 min]

Term 1	Term 2	Term 3
“marine environment”	“fossil fuel*”	ship*

Please turn over !

b) Perform a search (Title-Abs-Key) with Scopus (www.scopus.com). [15 min]

First, combine the individual entries within each term column by Boolean ORs.

How many hits do you obtain for each term column?

Term 1: Term 2: Term 3:

Second, use Scopus' search history to combine the three search results by Boolean ANDs.

How many hits do you obtain now?

Term 1 AND Term 2 AND Term 3:

Now, find the most cited reference. How many times did it get cited?

Finally, find some (if possible recent) reviews covering the field?