Searching & Managing Scientific Information
Module 1 – Searching Scientific Information

Exercise – Advanced Searching

Trainers:  Stephanie Hofmann, Bobby Neuhold
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]

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>“marine environment”</td>
<td>“fossil fuel*”</td>
<td>ship*</td>
</tr>
</tbody>
</table>


Please turn over!
b) Perform a search (Title-Abs-Key) with Scopus ([www.scopus.com](http://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? ............