

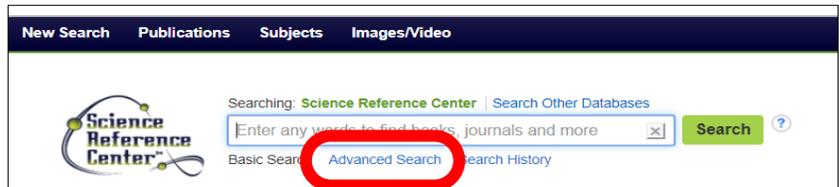
# Science Reference Center Advanced Searching Guide

Science Reference Center is a resource that contains a multitude of science-oriented resources. Included you will find articles from academic journals, magazines, and other sources on topics including biology, chemistry, geology, environment, health & medicine, physics, technology, and wildlife.

## Advanced Searching

To create an advance search in Science Reference Center:

1. On the main Science Reference Home Page, click on the Advanced Search link.

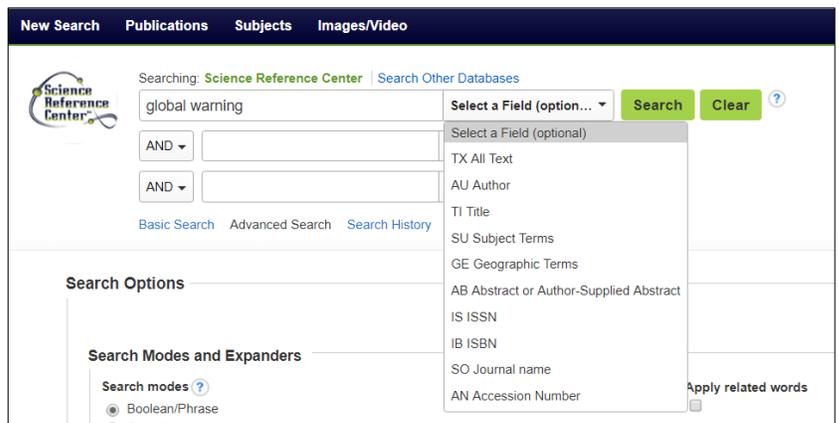


2. Enter your search terms in the first field.



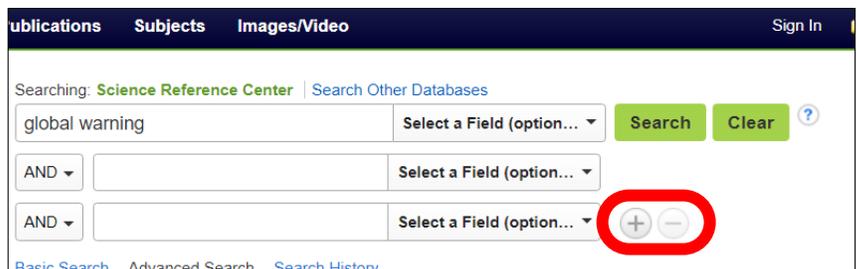
3. Choose the search field from the optional Select a Field drop down list. Searchable fields include:

- a. All Text (TX)
- b. Author (AU)
- c. Title (TI)
- d. Subject Term (SU)
- e. Geographic Terms (GE)
- f. Abstract (AB)
- g. ISSN (IS)
- h. ISBN (IB)
- i. Journal Name (SO)
- j. Accession Number (AN)



4. Repeat steps 2 and 3 if necessary. Select Boolean operator (AND, OR, NOT) to combine the two Find field entries.
5. If additional rows are needed, click the Add Row (+) button. Up to 12 rows can be displayed. To delete a row, click the remove link (-) button.

AND	Each item returned contains ALL search terms.
OR	Each item returned contains at least one search term.
NOT	Results do not contain the specific term.



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- Additional options are available from the Search Options menu. These options allow you to use a specific search mode or to apply limiters such as full text and publication type.

The screenshot shows the 'Search Options' menu. It is divided into several sections: 'Search Modes and Expanders' with radio buttons for Boolean Phrase, Find all my search terms, Find any of my search terms, and SmartText Searching; 'Limit your results' with dropdown menus for Benchmark, Document Type, and Number of Pages; 'Apply related words' with a checkbox for 'Also search within the full text of the articles'; 'Publication' with a dropdown for 'Scholarly (Peer Reviewed) Journals'; 'Date of Publication' with month and year dropdowns; 'Publication Type' with a dropdown menu; and 'Lexile Reading Level' with a dropdown menu. There is also a 'Cover Story' checkbox at the bottom.

- To finish your search, click on the SEARCH button.

The screenshot shows the search interface with the search term 'global warming' entered. The 'Search' button is highlighted with a red box. The interface includes a search bar, a 'Select a Field (option...)' dropdown, and a 'Search' button. Below the search bar, there are two more search fields with 'AND' operators and 'Select a Field (option...)' dropdowns. The 'Search' button is highlighted with a red box.

- Results matching your search criteria will appear on the Search Results Screen.

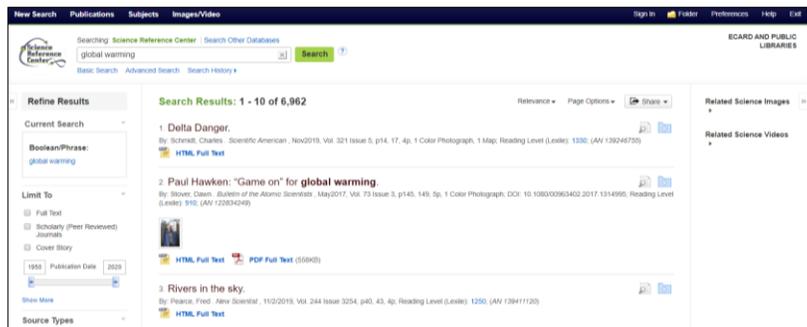
The screenshot shows the Search Results Screen. The search term 'Global warming' is entered. The results are displayed in a list format. The first result is 'GLOBAL WARNING. (cover story) By: Le Page, Michael. Amer Scientist, 11/17/2012, Vol. 216 Issue 2891, p34, 35, 6p; Reading Level (Lexile): 1280; (AN 8703050)'. The second result is 'Global warning. By: BENDER, ERIC. Scientific American, Jul 2014, Vol. 311 Issue 1, Following p16, s19, s2p, 1 Color Photograph, 1 Graph; Reading Level (Lexile): 1400; (AN 89651478)'. The third result is 'GLOBAL WARNING. By: Cassarin, Isaac. Science Teacher, Jan 2015, Vol. 82 Issue 1, p37, 42, 6p; DOI: 10.25054/ht15\_082\_01\_37; Reading Level (Lexile): 1320; (AN 10092419)'. The fourth result is 'an inconvenient truth A GLOBAL WARNING. By: Lewis, Robert; Fildes, Andrew. Inconvenient Truth, 2006, p1, 24, 24p; Reading Level (Lexile): 1360; (AN 31488676)'. The interface includes a 'Refine Results' section on the left and a 'Search Results: 1 - 10 of 62' section on the right.

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## Viewing Results

The results list screen contains three columns where you can narrow your results and view available information related to your results.

- Use the Refine Results area to apply limiters right from the result list. Select any of the limiters and click UPDATE. You can refine your list even more by selecting the Show More link.
- All articles found will be displayed in the center of the screen in the Search Result list. The total number of results along with information regarding each item will also be displayed in this area.
- The Related Information area will contain any additional sources such as images and videos.



You can hide or show the different areas by clicking the control arrows near the top of the results.

