Following the Science Using NCBI Bookshelf

National Library of Medicine

BACKGROUND

The United States National Library of Medicine is home to a variety of publicly available scientific resources. **NCBI Bookshelf** is a digital repository maintained by the National Center for Biotechnology Information (NCBI) at the National Library of Medicine. It provides free online access to books and documents, including grey literature, related to life sciences and healthcare. It is a searchable, full-text literature product integrated with PubMed and other biomolecular and medical genetics databases at NCBI, such as ClinVar, Genetics Testing Registry, and PubChem. Bookshelf allows you to browse titles through hyperlinked tables of contents, which allow users to browse by chapter titles as well. With its integration to other NCBI resources, the NCBI Bookshelf serves as a valuable resource to researchers, students, and healthcare professionals seeking authoritative information in the field of life sciences.

CONTEXT

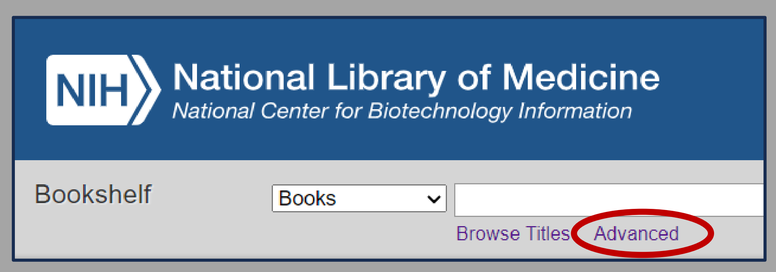
We depict the various types of grey literature available in NCBI Bookshelf. And we narrow this down by searching for grey literature related to climate change and environmental health. Searching in the NCBI Bookshelf allows one to follow an original data trail by navigating through various statistical works, technical reports, reviews, guidelines and policies, including their linked peer-reviewed cited evidence, and more. True evidence synthesis involves considering all available evidence that pertains to the research topic and question and its translation to practice. Grey literature, constituting nearly 40% of the NCBI Bookshelf collection, allows for a more expansive route to conducting evidence-based research, particularly at a time when the scholarly communications ecosystem is developing tools for non-traditional publishers such as governments and NGOs to better make their scholarly publications accessible.

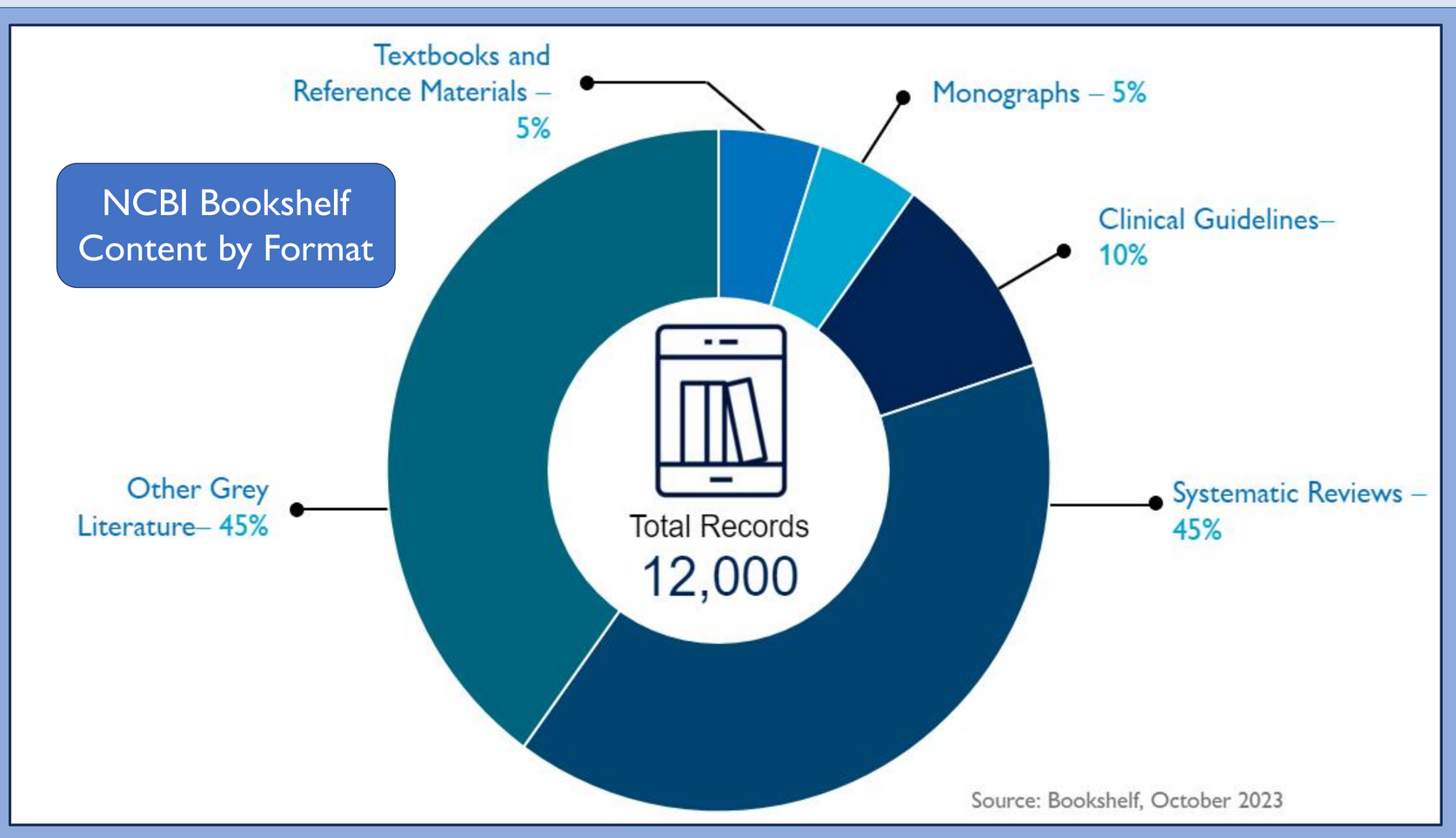
What's in NCBI Bookshelf?

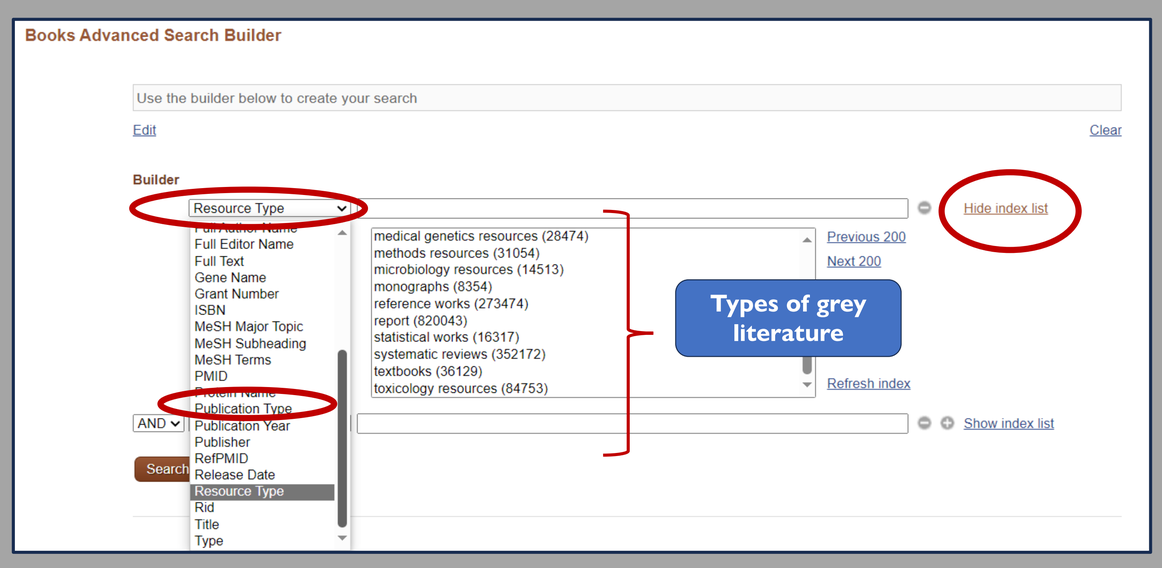
ADVANCED SEARCHING

1

1. Select 'Advanced' under the search bar
2. Select 'Resource Type' or 'Publication Type'
3. Click 'Show index list' to discover the various types of grey literature held in NCBI Bookshelf







How do I use NCBI Bookshelf?

You can start your journey with grey literature in PubMed!

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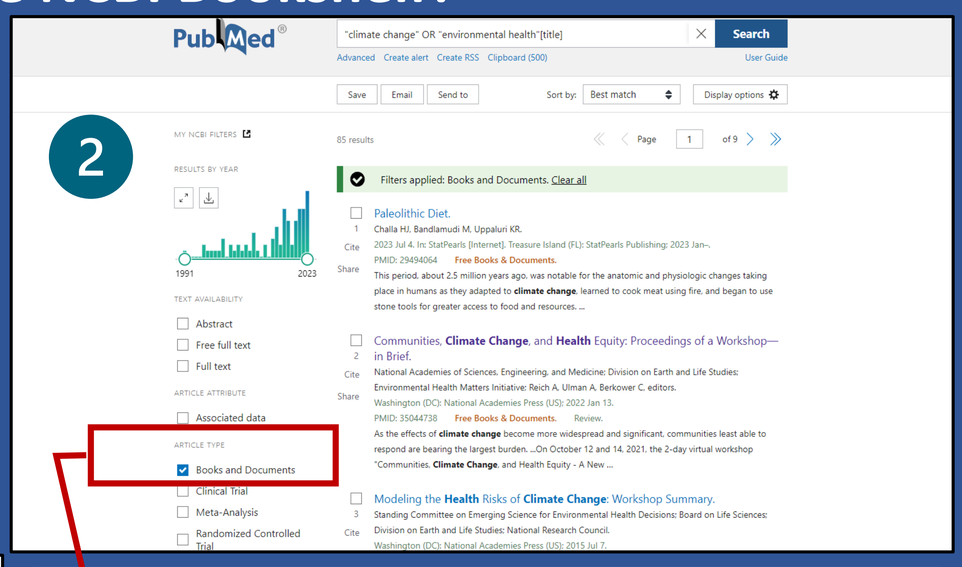
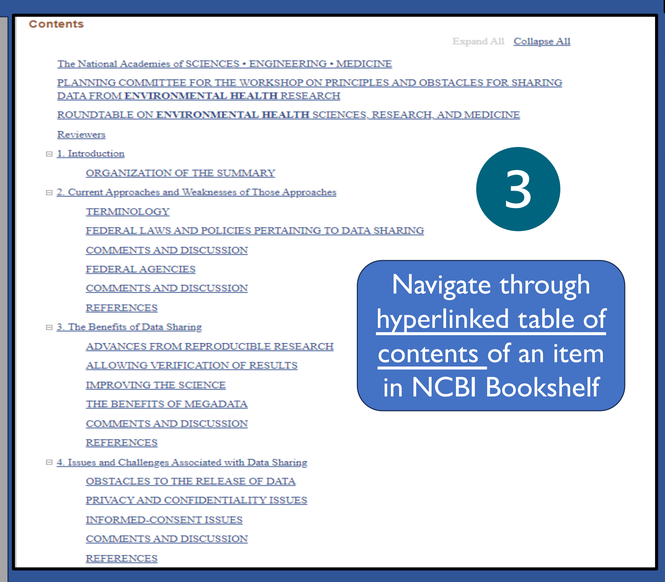


In PubMed, you can filter Article Types to 'Books and Documents' to easily access the NCBI Bookshelf materials (i.e. grey literature). Select the Bookshelf ID or cover thumbnail under 'Full Text Links'

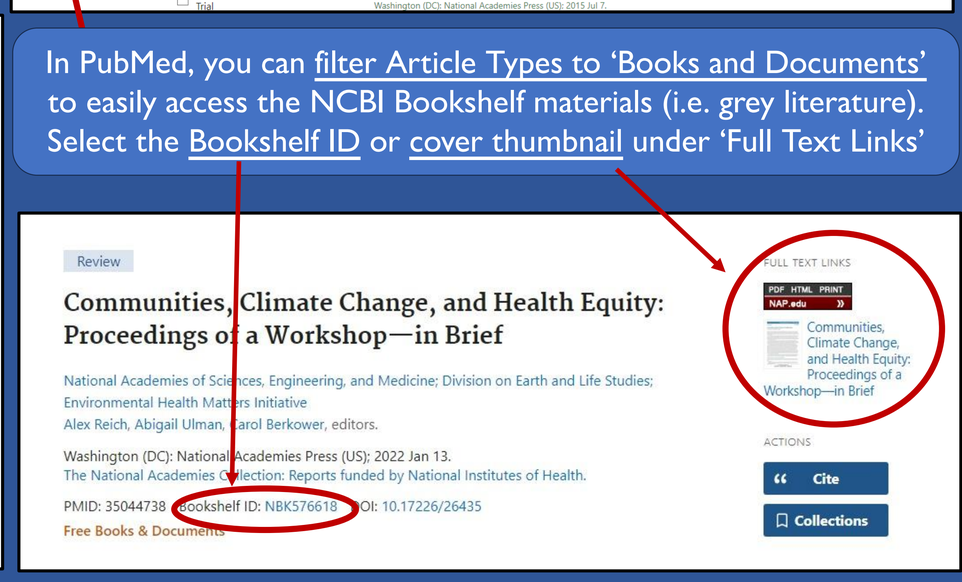
NCBI Bookshelf Features

- Advanced Searching
- Linked Contents
- Source Data
- Linked Citations



3

Navigate through hyperlinked table of contents of an item in NCBI Bookshelf



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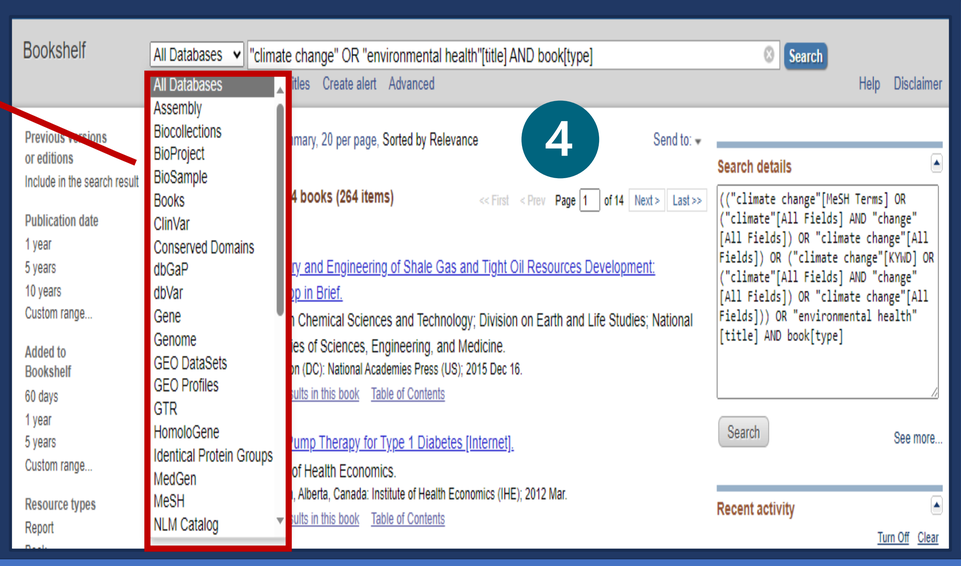
How can I trace the science?

In NCBI Bookshelf, you can toggle to other NCBI databases to find related source data



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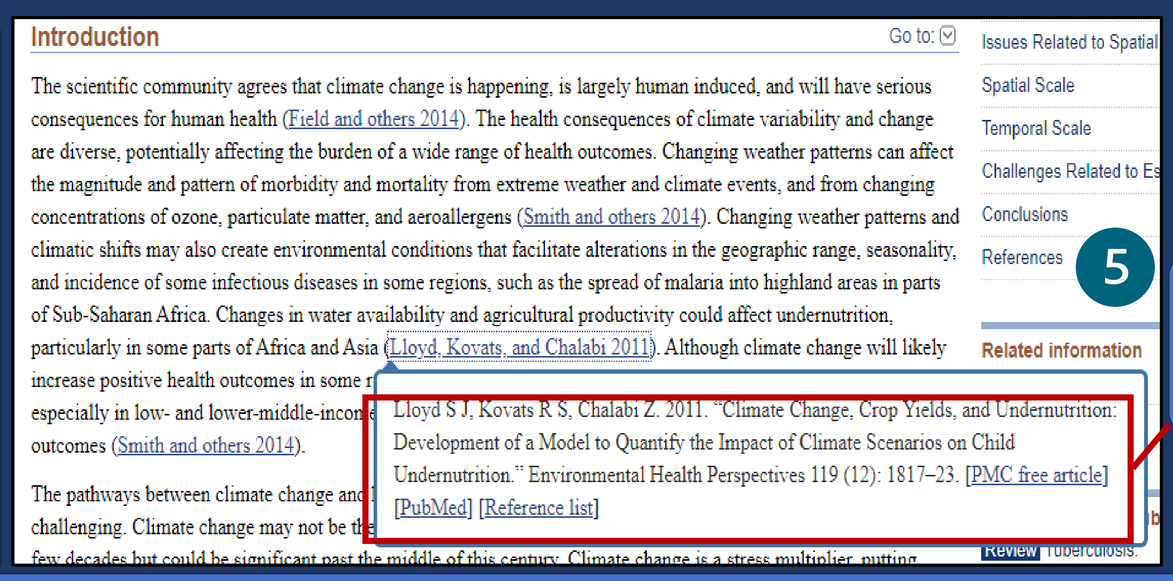

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Linked references within Bookshelf text

ACKNOWLEDGEMENTS: This work was carried out in part by staff of the National Library of Medicine (NLM), National Institutes of Health, with support from NLM, as well in part by the National Center for Biotechnology Information of the National Library of Medicine at the NIH.