

The all-database search in the new *ISI Web of Knowledge*: Delivering a unified, complete search

Do you ever view a multi-database search with skepticism, because you think your search terms can't possibly match the many proprietary vocabularies of each individual database? The new *ISI Web of Knowledge*SM overcomes this obstacle with its unique approach to the multi-database search. *ISI Web of Knowledge* has created one common vocabulary that recognizes the varying terms used by different databases and maps them to a unified subject classification.

One search delivers complete results

This means that a search with *ISI Web of Knowledge* will find all relevant items that may have originally been categorized differently. Newer terms recognize older terms. Specialized terms from one database recognize specialized terms from another. And searchers can easily narrow down their results by using categories meaningful to their search.

How *ISI Web of Knowledge* links its varied data and search terms together: An example

One of the records returned by the topic search "global warming" or "climate chang*" is "Environmental optimist or pessimist?" by J. L. Schnoor, from *Web of Science*[®]. (see figure 1 below) This record is an editorial from the science journal *Environmental Science and Technology*. There are no keywords or abstracts available, and the search terms aren't in the title. So how did the global warming search find it?

Figure 1: One of the records returned by the topic search "global warming" or "climate chang*" is "Environmental optimist or pessimist?"

The screenshot displays the ISI Web of Knowledge interface. At the top, there are navigation tabs: "All Databases", "Select a Database", and "Additional Resources". Below these are "Search" and "Search History" links. The main content area shows a search result for "Environmental optimist or pessimist?". The record details include: Author(s): Schnoor, J.L. (Schnoor, Jerald L.); Source: ENVIRONMENTAL SCIENCE & TECHNOLOGY; Volume: 40; Issue: 21; Pages: 6521-6521; Published: NOV 1 2006. There are buttons for "Print", "E-Mail", and "Save to EndNote Web". A "Cited by: 0" section indicates the article has been cited 0 times. A "View this record in other databases" section lists options to view citation data, most recent data, biological data in BIOSIS Previews, biological data in Biological Abstracts, and medical data in Medline. The interface also shows "Record 1 of 1" and "Record from Web of Science" indicators.

It was found because this item is indexed not only in *Web of Science*, but also in other databases such as *Biosis Previews*[®]. Biosis specialized indexing includes the terms "government and law" and "global warming" (see figure 2 below). The new *ISI Web of Knowledge* all-database search was able to use the power of Biosis classifications to find this relevant item.

Figure 2: The new *ISI Web of Knowledge* all-database search was able to use the power of Biosis classifications

The screenshot displays a search result page for the article "Environmental optimist or pessimist?". The interface includes a navigation bar at the top with "All Databases", "Select a Database", and "Additional Resources". Below the search bar, the article title is prominently displayed. Metadata includes the author (Schnoor, Jerald L.), source (Environmental Science & Technology), volume (40), issue (21), pages (6521), and publication date (NOV 1 2006). The document type is identified as an "Article" and "Editorial".

Key features of the interface include:

- Buttons:** Print, E-Mail, Save to EndNote Web, and a "Create Citation Alert" button.
- Cited by:** A section indicating 0 citations from Web of Science.
- Additional information:** Links to view citation data, most recent data, biological data, and medical data.
- Major Concepts:** Government and Law; Climatology (Environmental Sciences); Ecology (Environmental Sciences).
- Chemical Data:** A table listing various pollutants and their CAS numbers.
- Geographic Data:** A table showing the term "USA" associated with "North America" and "Nearctic region".
- Miscellaneous Descriptors:** A list of terms including water quality, global warming, Clean Water Act, air quality, emission, particulate matter, Clean Air Act, climate system, and climate interference.

Super Taxa	Taxa Notes	Organism Classifier	Organism Name
Primates, Mammalia, Vertebrata, Chordata, Animalia	Anir Prim		

Chemical Name	CAS Regis	
mercury	7439-97-8	
ozone	10028-15-	
lead	7439-92-1	pollutant
polycyclic aromatic hydrocarbons		pollutant
sulfur dioxide	7446-09-5	pollutant
polychlorinated biphenyls		pollutant
perchlorate	14797-73-0	pollutant
carbon monoxide	630-08-0	pollutant
polybrominated diphenyl ether		pollutant
perfluorooctane sulfonate	45298-90-6	pollutant
nitric oxide	10102-43-9	pollutant

Term	Geopolitical Terms	Zoogeograph
USA	North America	Nearctic region

Find out more about the new *ISI Web of Knowledge*:

Register for live, WebEx training sessions (available in several languages):

<http://scientific.thomson.com/support/training/webtraining/>

Don't have time to attend a WebEx?

View a short recorded training (available in several languages)

<http://scientific.thomson.com/support/recorded-training/wok/>

View a Flash Quick Tour of *ISI Web of Knowledge* (Flash required):

<http://www.isiwebofknowledge.com/media/swf/wokdemoshell.html>

Visit our website to find out more:

http://isiwebofknowledge.com/currentuser_wokhome/cu_new/newface/

Figure 2: The new ISI Web of Knowledge all-database search was able to use the power of BIOSIS classifications

Environmental optimist or pessimist?

Author(s): Schnoor, Jerald L. (est@uiowa.edu)
 Source: Environmental Science & Technology Volume: 40 Issue: 21 Pages: 6521 Published: NOV 1 2006
 Accession Number: PREV200600629883
 Document Type: Article
 Literature Type: Editorial
 Language: English
 ISSN: 0013-936X
 Major Concepts: Government and Law, Climatology (Environmental Sciences); Ecology (Environmental Sciences)
 Concept Code: 00508, General biology - Institutions, administration and legislation; 05500, Social biology and human ecology; 07502, Ecology: environmental biology - General and methods; 07504, Ecology: environmental biology - Bioclimatology and biometeorology; 10060, Biochemistry studies - General; 10069, Biochemistry studies - Minerals; 37015, Public health - Air, water and soil pollution

Taxonomic Data:

Super Taxa	Taxa Notes	Organism Classifier	Organism Name
Primates, Mammalia, Vertebrata, Chordata, Animalia	Anir Prim		

Chemical Data:

Chemical Name	CAS Regis	
mercury	7439-97-8	
ozone	10028-15-	
lead	7439-92-1	pollutant
polycyclic aromatic hydrocarbons		pollutant
sulfur dioxide	7446-09-5	pollutant
polychlorinated biphenyls		pollutant
perchlorate	14797-73-0	pollutant
carbon monoxide	630-08-0	pollutant
polybrominated diphenyl ether		pollutant
perfluorooctane sulfonate	45298-90-6	pollutant
nitric oxide	10102-43-9	pollutant

Geographic Data:

Term	Geopolitical Terms	Zoogeograph
USA	North America	Nearctic regio

Major Concepts: Government and Law, Climatology (Environmental Sciences)
Concept Code: 00508, General biology - Institutions, administration and legisla ecology; 07502, Ecology: environmental biology - General and methods; 07504, Ecology: environmental biology - Bioclimatology and biometeorology; 10060, Biochemistry studies - General
Miscellaneous Descriptors: water quality, global warming, Clean Water Act, air quality, emission, particulate matter, Clean Air Act, climate system, climate interference

Miscellaneous Descriptors: water quality, global warming, Clean Water Act, air quality, water supply, greenhouse gas emission, particulate matter, Clean Air Act, climate system, climate interference

Cited by: 0
 This article has been cited 0 times (from Web of Science).
 Create Citation Alert

Additional information
 View this record in other databases:
 • View citation data (in Web of Science)
 • View the most recent data (in Current Contents Connect)
 • View biological data (in BIOSIS Previews)
 • View biological data (in Biological Abstracts)
 • View medical data (in Medline)