

CABI Training Materials

CAB Reviews

User Guide

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Introduction



CAB Reviews is an online database providing peer-reviewed review articles that complement the subject coverage of CAB Abstracts. This includes review articles commissioned by CABI. CAB Reviews summarizes key developments and places them into a wider context for busy academics and students. It has a distinguished Editorial Advisory Board and a wide international readership providing an essential analysis of current research and emerging trends.

CAB Reviews includes review articles on the following subject areas:

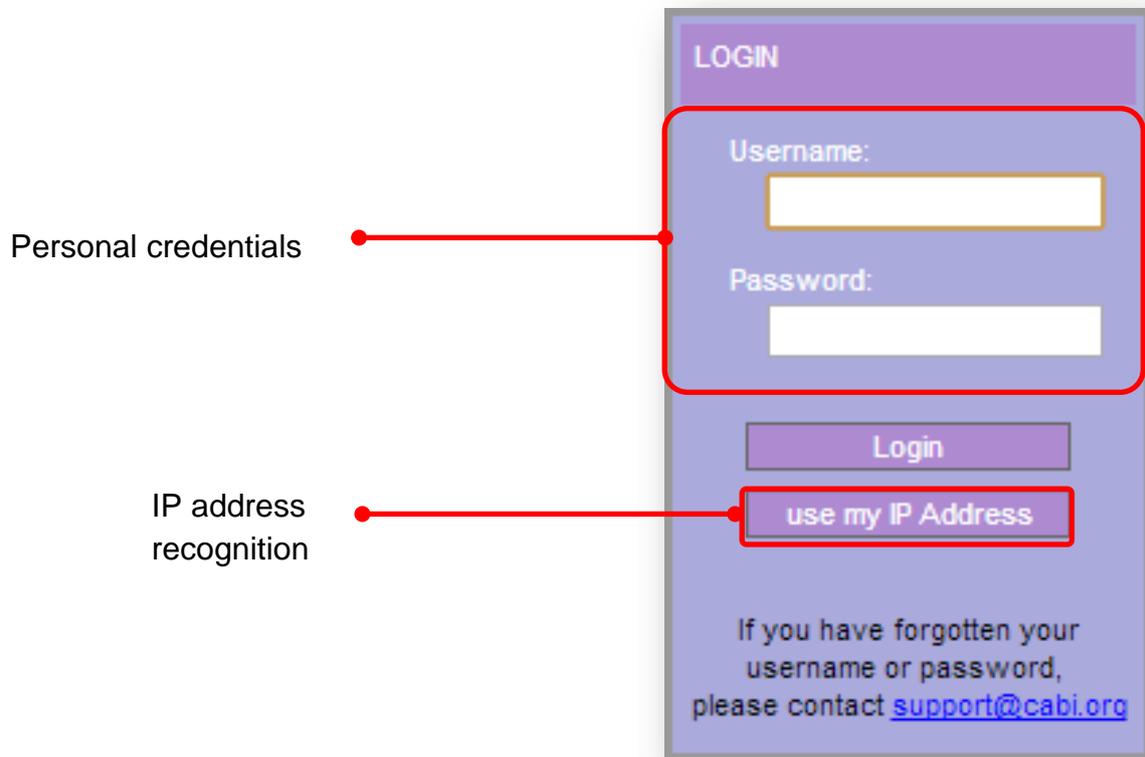
- Agriculture
- Animal science
- Applied plant sciences
- Global health
- Veterinary medicine
- Nutrition and food science
- Natural resources and environmental sciences

The following guide has been designed for all users of CAB Reviews to highlight various features available and enable our customers to easily navigate the interface. It will also introduce various search techniques for new users of online databases and explain various strategies that can be used when searching to return the most relevant results.

Accessing the database

CAB Reviews is a web-based interface. To access the database visit www.cabi.org/cabreviews.

There are two ways to login to the database:



By personal credentials:

If you requested access to the database by a username and password please enter this in to the login box situated in the top left hand corner of the webpage.

By IP Address:

If your institution has a subscription to the database and you are accessing through your institutions network, the database will recognise your IP address as a registered user and automatically log you on to the database.

If you aren't automatically recognised click the  button.

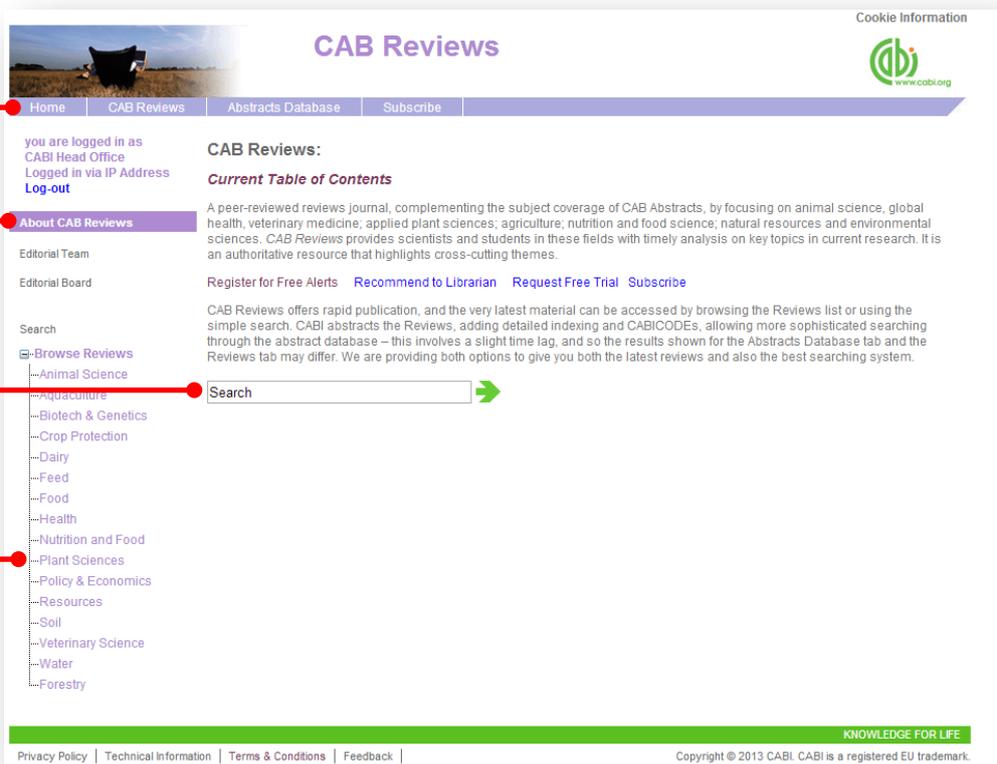
Troubleshooting

If you are having access problems to the database please contact our support team on cabi.support@marston.co.uk

Navigating the interface

The CAB Reviews interface has been designed to enable quick and comprehensive content searches.

Below shows an image of the CAB Reviews Impact homepage and the various features displayed.



The screenshot shows the CAB Reviews homepage with several navigation features highlighted by red lines and labels:

- Top bar menu:** Points to the navigation bar containing links for Home, CAB Reviews, Abstracts Database, and Subscribe.
- About CAB Reviews:** Points to the 'About CAB Reviews' menu item in the left sidebar.
- Search box:** Points to the search input field and the search button in the left sidebar.
- Browse functions:** Points to the 'Browse Reviews' menu item in the left sidebar, which opens a list of subject categories.

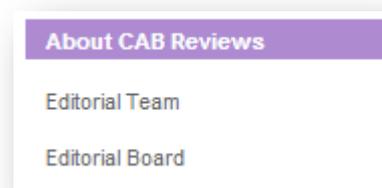
The main content area includes a login status, a 'Current Table of Contents' section, a description of the journal, and a search box. The footer contains links for Privacy Policy, Technical Information, Terms & Conditions, and Feedback, along with the CABI logo and the slogan 'KNOWLEDGE FOR LIFE'.

Top Bar Menu

The top bar menu provides access to both predefined pages for specific content contained in the database and links to CABI related products.

About CAB Reviews menu

The Main Menu options allow users to access the support and feedback aspects of the site. These include:



The 'About CAB Reviews' menu is displayed as a purple header with the following options listed below it:

- Editorial Team
- Editorial Board

Browse functions



The browse menu provides an expandable list of broad subject areas behind which are hidden pre-built site searches. This runs the search across the whole of the CAB Reviews Database using a pre-defined search string to return results relevant to that subject area.

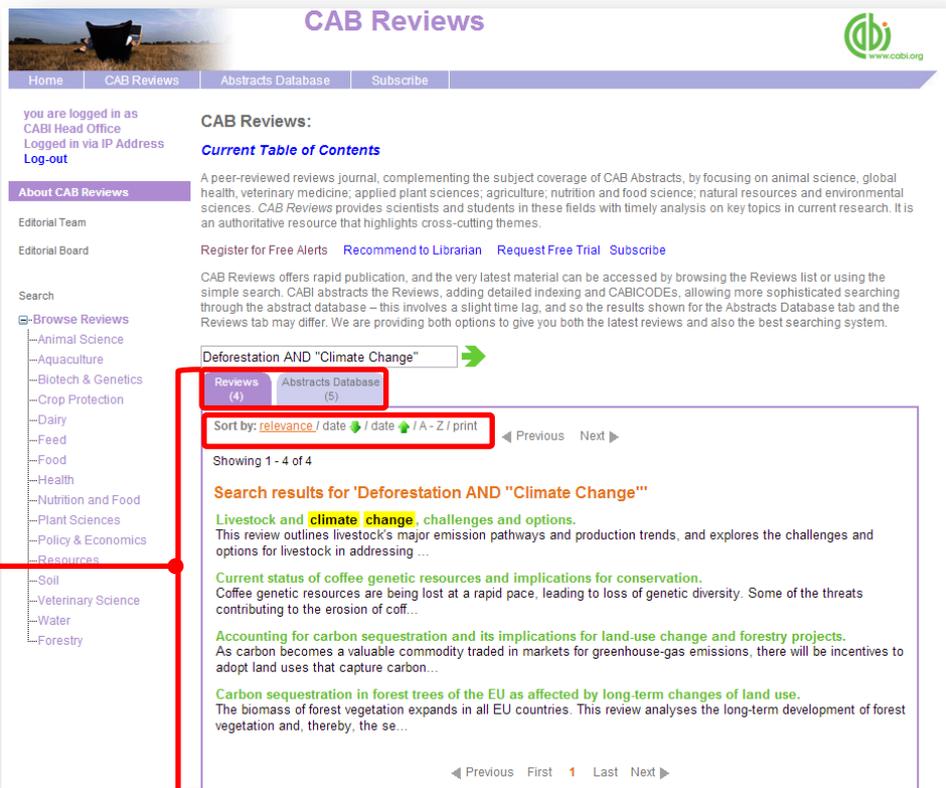
Conducting simple site searches

CAB Reviews offers a simple site search using a variety of basic search techniques to search content across the whole of the database. The table below shows the various basic search techniques that can be used:

Search technique	Example	Description	Function	Reason to use
Single word search	<input type="text" value="Deforestation"/> →	Search databases using a single word term	Returns a broad range of results for a particular word/topic	Provides a broad overview of a scientific area of interest
Boolean search	<input type="text" value="Deforestation AND climate change"/> →	Search databases using the operators AND, OR and NOT	Performs searches on multiple concepts that provides specific keyword searching for an area of interest that can include or exclude other concepts.	Allows the user to conduct more controlled searching. Can be used to omit homophones
Phrase searching	<input type="text" value='Deforestation AND "climate change"'/> →	Use quotation marks before and after a multiple word phrase	Returns results only containing the entire phrase	Narrows searching to records that only contain the whole phrase
Parentheses	<input type="text" value='(Deforestation AND "climate change") NOT Europe'/> →	Searches databases using keywords, Boolean operators and parentheses.	Used for searches that contain multiple Boolean operators to define the correct search logic	Refines searches with Boolean operators further to provide limited search results
Wild cards	<input type="text" value='(Deforestation AND "climate change") NOT Europe*'/> →	Uses the symbols * and ? in keyword search	Using the * returns results with different word stems for the root word Using the ? symbol allows users to specify unknown characters	The * allows users to broaden results to keywords with differing word stems e.g. pop* = popular, population, etc. The ? returns results using a keyword that may differ in spelling

Organising results display

The returned search results are displayed in the results box. By clicking on the various tabs from the tabular menu at the top of the results box you can browse the results by material type. The darker coloured tab indicates the type of results that are currently displayed. The Reviews tab shows the results that have been commissioned by CABI for the ACB Reviews products whereas the Abstracts database shows any additional review articles that may be indexed in other databases on the CAB Direct platform.



Results box

CAB Reviews

Home CAB Reviews Abstracts Database Subscribe

you are logged in as
CABI Head Office
Logged in via IP Address
Log-out

About CAB Reviews

Editorial Team

Editorial Board

Search

Browse Reviews

- Animal Science
- Aquaculture
- Biotech & Genetics
- Crop Protection
- Dairy
- Feed
- Food
- Health
- Nutrition and Food
- Plant Sciences
- Policy & Economics
- Resources
- Soil
- Veterinary Science
- Water
- Forestry

CAB Reviews:

Current Table of Contents

A peer-reviewed reviews journal, complementing the subject coverage of CAB Abstracts, by focusing on animal science, global health, veterinary medicine; applied plant sciences; agriculture; nutrition and food science, natural resources and environmental sciences. CAB Reviews provides scientists and students in these fields with timely analysis on key topics in current research. It is an authoritative resource that highlights cross-cutting themes.

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CAB Reviews offers rapid publication, and the very latest material can be accessed by browsing the Reviews list or using the simple search. CABI abstracts the Reviews, adding detailed indexing and CABICODEs, allowing more sophisticated searching through the abstract database – this involves a slight time lag, and so the results shown for the Abstracts Database tab and the Reviews tab may differ. We are providing both options to give you both the latest reviews and also the best searching system.

Deforestation AND "Climate Change" →

Reviews (4) Abstracts Database (5)

Sort by: [relevance / date](#) [date](#) [A - Z](#) / [print](#) ◀ Previous Next ▶

Showing 1 - 4 of 4

Search results for "Deforestation AND "Climate Change"

Livestock and climate change, challenges and options.
This review outlines livestock's major emission pathways and production trends, and explores the challenges and options for livestock in addressing ...

Current status of coffee genetic resources and implications for conservation.
Coffee genetic resources are being lost at a rapid pace, leading to loss of genetic diversity. Some of the threats contributing to the erosion of coff...

Accounting for carbon sequestration and its implications for land-use change and forestry projects.
As carbon becomes a valuable commodity traded in markets for greenhouse-gas emissions, there will be incentives to adopt land uses that capture carbon...

Carbon sequestration in forest trees of the EU as affected by long-term changes of land use.
The biomass of forest vegetation expands in all EU countries. This review analyses the long-term development of forest vegetation and, thereby, the se...

◀ Previous First 1 Last Next ▶

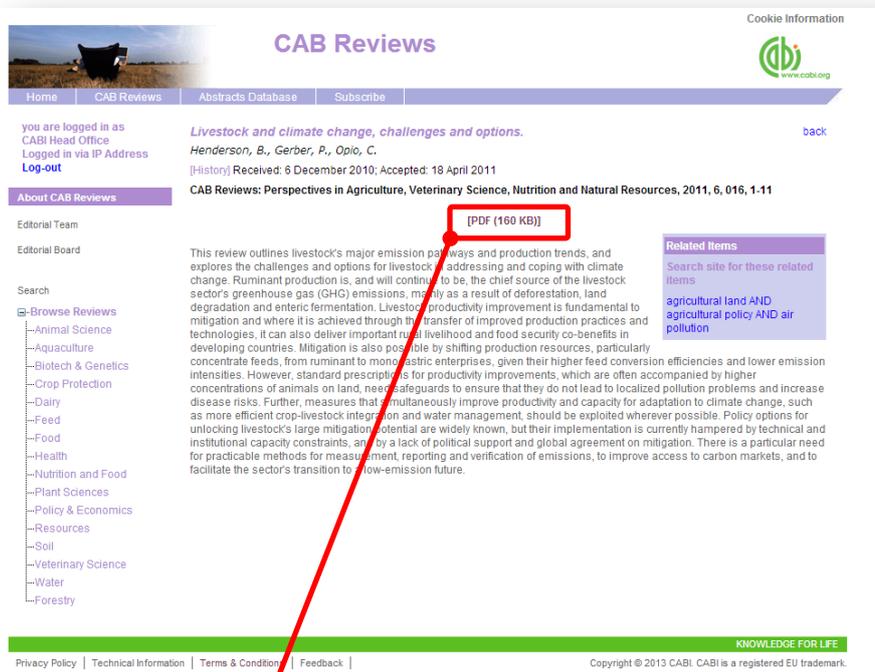
Additionally, you can sort the display of records by their publication date, their relevancy or an alphabetical list by title. Additionally there is the option to print a list of search results for future reference. To do this click on the relevant icon [relevance / date](#) [date](#) [A - Z](#) / [print](#)

The display box shows an article header for each record. The type of bibliographic information displayed in the article header may vary depending on the type of material viewed but generally will include:

- Record title
- Authors
- Author affiliation
- Journal title
- Date of publication
- Location data (i.e. journal number, page number)

Viewing records

To view the full details of the abstract record click on the green title displayed in the results box. This will direct you to the individual record page where the complete bibliographic information is listed including the full abstract summary (see example below).



CAB Reviews

Home | CAB Reviews | Abstracts Database | Subscribe

you are logged in as
CABI Head Office
Logged in via IP Address
[Log-out](#)

Livestock and climate change, challenges and options. [back](#)
Henderson, B., Gerber, P., Opio, C.
[History] Received: 6 December 2010; Accepted: 18 April 2011

CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2011, 6, 016, 1-11

[PDF (160 KB)]

Related Items
Search site for these related items
agricultural land AND agricultural policy AND air pollution

Abstract
This review outlines livestock's major emission pathways and production trends, and explores the challenges and options for livestock addressing and coping with climate change. Ruminant production is, and will continue to be, the chief source of the livestock sector's greenhouse gas (GHG) emissions, mostly as a result of deforestation, land degradation and enteric fermentation. Livestock productivity improvement is fundamental to mitigation and where it is achieved through the transfer of improved production practices and technologies, it can also deliver important rural livelihood and food security co-benefits in developing countries. Mitigation is also possible by shifting production resources, particularly concentrate feeds, from ruminant to monogastric enterprises, given their higher feed conversion efficiencies and lower emission intensities. However, standard prescriptions for productivity improvements, which are often accompanied by higher concentrations of animals on land, need safeguards to ensure that they do not lead to localized pollution problems and increase disease risks. Further, measures that simultaneously improve productivity and capacity for adaptation to climate change, such as more efficient crop-livestock integration and water management, should be exploited wherever possible. Policy options for unlocking livestock's large mitigation potential are widely known, but their implementation is currently hampered by technical and institutional capacity constraints, and by a lack of political support and global agreement on mitigation. There is a particular need for practicable methods for measurement, reporting and verification of emissions, to improve access to carbon markets, and to facilitate the sector's transition to a low-emission future.

Privacy Policy | Technical Information | Terms & Conditions | Feedback |

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CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources 2011, 6, 016

Review
Livestock and climate change, challenges and options
Ben Henderson*, Peter Gerber and Carolyn Opio
Address: Food and Agricultural Organization of the United Nations, Viale delle Terme di Caracalla, Rome 00153, Italy.
*Correspondence: Ben Henderson, Email: ben.henderson@fao.org

Received: 6 December 2010
Accepted: 18 April 2011
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This electronic version of the article is the author's final version and is subject to change upon publication.
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Abstract
This review outlines livestock's major emission pathways and production trends, and explores the challenges and options for livestock addressing and coping with climate change. Ruminant production is, and will continue to be, the chief source of the livestock sector's greenhouse gas (GHG) emissions, mostly as a result of deforestation, land degradation and enteric fermentation. Livestock productivity improvement is fundamental to mitigation and where it is achieved through the transfer of improved production practices and technologies, it can also deliver important rural livelihood and food security co-benefits in developing countries. Mitigation is also possible by shifting production resources, particularly concentrate feeds, from ruminant to monogastric enterprises, given their higher feed conversion efficiencies and lower emission intensities. However, standard prescriptions for productivity improvements, which are often accompanied by higher concentrations of animals on land, need safeguards to ensure that they do not lead to localized pollution problems and increase disease risks. Further, measures that simultaneously improve productivity and capacity for adaptation to climate change, such as more efficient crop-livestock integration and water management, should be exploited wherever possible. Policy options for unlocking livestock's large mitigation potential are widely known, but their implementation is currently hampered by technical and institutional capacity constraints, and by a lack of political support and global agreement on mitigation. There is a particular need for practicable methods for measurement, reporting and verification of emissions, to improve access to carbon markets, and to facilitate the sector's transition to a low-emission future.

Keywords: Livestock sector; Climate change

Introduction
Heterogeneity is the equally diverse range of opportunities

To access the full text article click on the **[PDF (160 KB)]** button situated above the abstract summary. This will also give you an indication of the file size for the review article. The review article will then open in a PDF format in a separate web browser window.

To the right of the abstract summary section is **Related Items** menu. This will list a number of related searches that have been created by our subject specialist to return similar review articles to the one you are currently viewing. To run the search click on relevant search string from the options presented.



Related Items
Search site for these related items
agricultural land AND agricultural policy AND air pollution

Advanced searching

Field searching

The search box for CAB Reviews also allows users to conduct advanced field searching using the index field tags.

Field searching is a technique by which users can search for keyword terms in specific indexing fields that are used when adding a bibliographic record to CABI's database e.g. Abstract title, author. Each indexing field has an associated field tag which can be used in conjunction with search keywords to return a more precise set of results. Below is a list of the indexing fields and their associated:

Common search fields

Description	Field Tag
Article title	Title
Author	Author
Abstract	Ab
Author affiliation	Aa
Descriptor	De
Organism Descriptor	Od
Geographic Locator	Gl
Broad term	Up
Identifier	Id
Subject term	Subject
Publication source	Do
Publisher	Publisher
CABICODE	Cc
Conference	Ct
Language	La
Publication type	It
Year	Yr
Record number	Pa
DOI	Oi
ISSN	Sn
ISBN	Bn

Additional search fields

Description	Field Tag
Additional Authors	ad
Author Affiliation	aa
CAS Registry Numbers	ry
Conference Dates	cd
Conference Title	ct
Corporate Author	ca
Country of Publication	cp
Descriptors	de
Digital Object Identifier	oi
Document Editors	ed
Document Title	do
Email	em
English Item Title	et
Non English Item Title	ft
Geographic Location	gl
Identifiers	id
ISBN	bn
ISSN	sn
Item Type	it
Language(s) of Summary	ls
Language(s) of Text	la
Location of Publisher	lp
Main Abstract	ab
Organism Descriptors	od
Pan Number	pa
Personal Author	au
Personal Author Variants	av
Publisher	pb
CABI Product Code	sc
Up-posted Descriptors	up
Web URL	ur
Year of Publication	yr

To conduct a field search type the associated field tag (must be lowercase) into the search box followed by a colon. Next enter your search term/s. Field searching can also be conducted using the variety of simple search techniques outlined previously such as multiple word searches using Boolean operators. Below show some examples as shown in the examples below:

Single word search:



Multiple word search:



Searching with
parentheses:



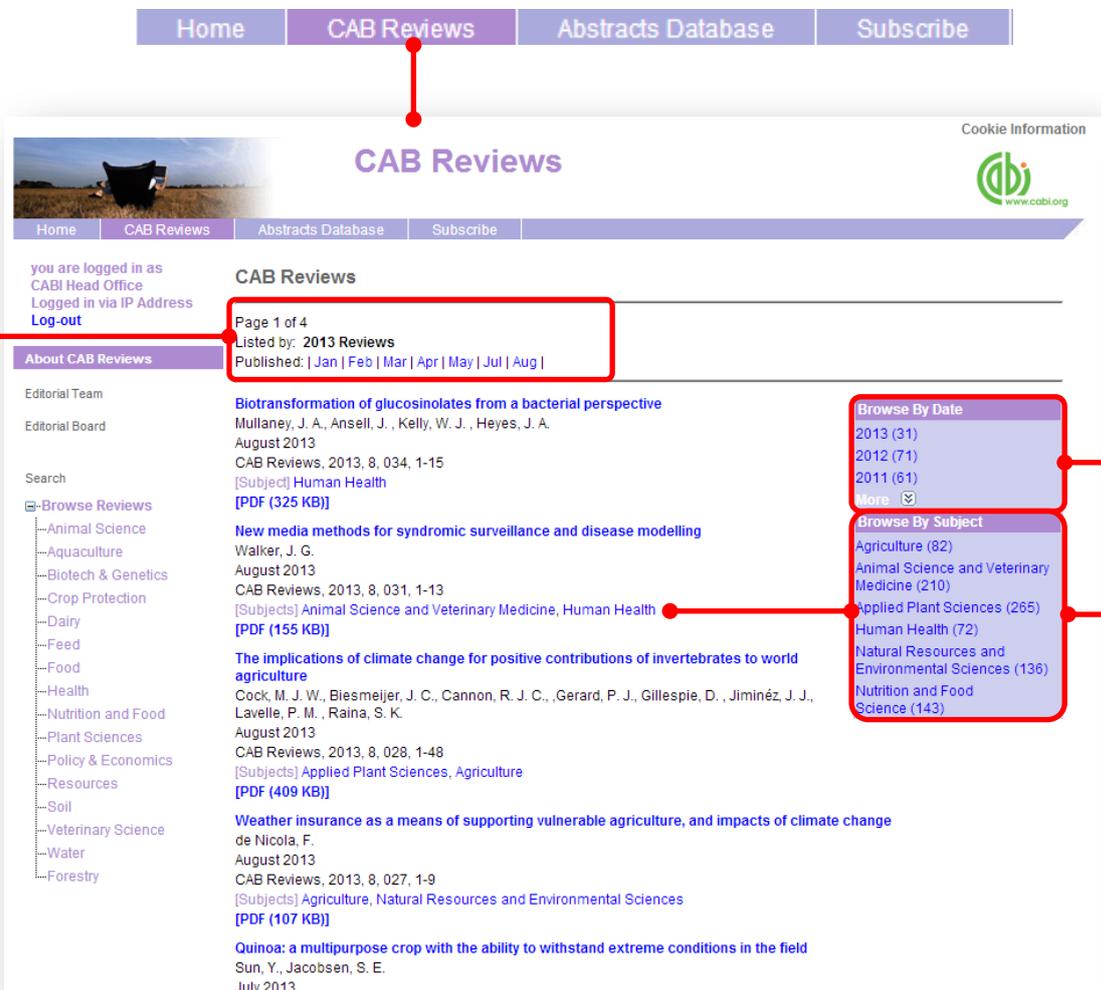
To conduct field searches using the advanced search more simply and to access other advanced features users can access the CAB Direct platform.

Subject codes

Subject codes (also known as sc codes) is the field tag used by CABI for indexing records to particular product databases. As such, the codes can be used, during a database search both as a means of subject searching, to limit a search to a specific area or areas, or as a means of limiting the search to a specific CABI full text service. Using the codes can improve search efficiency and save time. A full list of subject codes can be found by viewing the [CABI subject code list](#).

CAB Reviews contents page

To view the latest reviews articles indexed on the database or to view reviews by publication date, user can access the Cab Reviews content page. To access this page click on the **CAB Reviews** tab in the top bar menu.



The screenshot shows the CAB Reviews website interface. At the top, there is a navigation bar with tabs for 'Home', 'CAB Reviews', 'Abstracts Database', and 'Subscribe'. Below this, the main content area displays 'Page 1 of 4' and 'Listed by: 2013 Reviews'. A 'Published:' filter allows users to select months: 'Jan | Feb | Mar | Apr | May | Jul | Aug |'. On the left side, there is a sidebar with 'Browse Reviews' categorized by subject areas such as Animal Science, Aquaculture, Biotech & Genetics, Crop Protection, Dairy, Feed, Food, Health, Nutrition and Food, Plant Sciences, Policy & Economics, Resources, Soil, Veterinary Science, Water, and Forestry. On the right side, there are two filters: 'Browse By Date' (2013 (31), 2012 (71), 2011 (61), More) and 'Browse By Subject' (Agriculture (82), Animal Science and Veterinary Medicine (210), Applied Plant Sciences (265), Human Health (72), Natural Resources and Environmental Sciences (136), Nutrition and Food Science (143)). Annotations with red lines point to these features: 'Date faceting by month' points to the month filter; 'Date faceting by year' points to the 'Browse By Date' filter; and 'Subject faceting' points to the 'Browse By Subject' filter.

By default the display page shows you review articles that have been published for the current year. At the top of the page you have options to refine the results to the month of publication for that year.

To the right hand side of the page there are options to view articles that have been published in year. Displayed below this is a menu to refine articles to certain subject areas.

To view the review article record for further bibliographic information click on the blue article title. Alternatively click on the [\[PDF \(325 KB\)\]](#) button to access the full text review article.

Accessing CAB Direct

Subscribers to CAB Reviews also have access to the CAB Direct interface for advanced functionality. Please note this only gives access to the database subset that your institution has access to. For example, if your institution is only subscribed to CAB Reviews you will only have access to the records indexed for the CAB Reviews database. Advanced features that can be accessed on the CAB Direct platform include:

Advanced Searches: The complex search power of the CAB Direct search engine allows users to conduct complex searches and refine results by field type

Saving and combining searches: MyCABDirect allow users to save commonly used search strings for easy reference. The combine features also allows users to refine records performed across two searches.

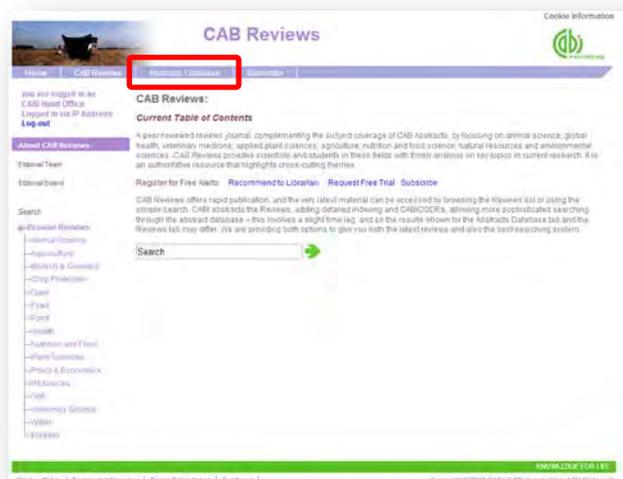
Selecting and saving records: Mark and save records for future reference or export, print or share selections

Alerts and RSS feeds: Create automatic e-alerts or RSS feeds from your saved searches for weekly updates of the latest research

Export options: Export records to a reference management software or download as selected articles as MARC records

Integrated full text linkage: Integrate your full text holdings listed in your library catalogue via your Link Resolver

To access the CAB Direct platform from the Environmental Impact platform click on the **Abstracts Database** button in the top menu. If you hover over the **Abstracts Database** button also displayed are options to access the help files for searching on the CAB Direct platform.



This will direct you to our CAB Direct platform as shown below:



The CAB Direct search interface is also the subject of separate more advanced set video tutorials and user guides. For more information on how to perform these advanced features visit the [CAB Direct user guide](#).

