

Terrascope & the MIT

Mission 2015: Triage & Biodiversity



Chris Sherratt

Heather McCann

Anne Graham

Introduce library resources you need for this class: info is everywhere, how do you find what's reliable?

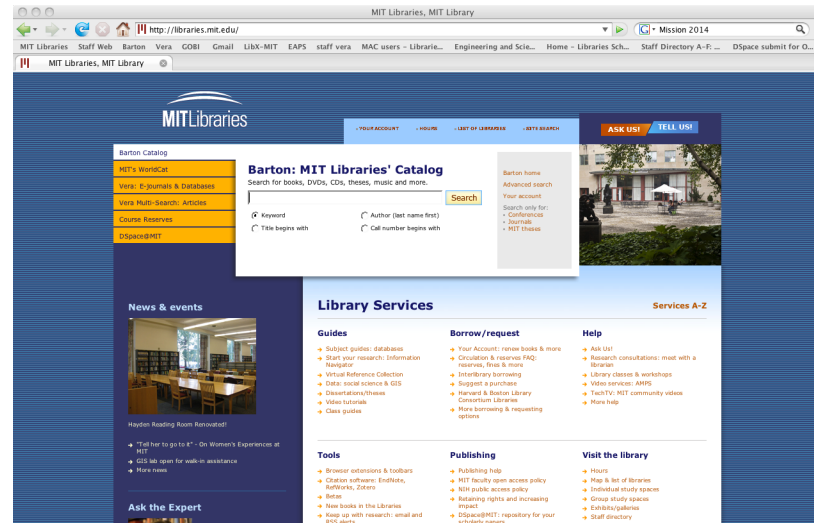
Introduce the librarians for Mission: our job is to make this simpler for you.

Explain how to do the first library assignment to get you articles you need

What to understand after

- Our email : 12-lib@mit.edu
- Class page: <http://libguides.mit.edu/mission>
- Barton & Vera: the difference
- Databases: why and how to use
- Articles: finding full-text
- Refworks: whether to set up an account

Libraries.mit.edu



So here's the main page: HOURS and MAP and a lot more, like Subject Guides for all subjects and Class Guides –one for you

Barton leads to books

try Title Keyword: biodiversity

Barton MIT Libraries Catalog

Search Full Catalog:

- Basic
- Advanced

Search only for:

- Journals
- Conferences
- MIT Theses
- Reserves
- New Titles
- more...
- Your Account
- Help with Your Account

Ask Us

Have questions about e-reading and e-book devices? Find answers in our [E-reading FAQ](#).

Use [MIT's WorldCat](#) to search Boston Library Consortium and libraries worldwide.

Basic Search of Full Catalog [Search Tips](#)

Search type:

- Keyword
- Title begins with...
- Title Keyword**
- Author (last name first)
- Author Keyword
- Call Number begins with...
- Scroll down for more choices -----

Search for: biodiversity

Example(s):
java and web
or web application*

Search

First we have to talk about Barton: finds books, DVDs, conferences no matter what library. NOT ARTICLES! Title Keyword is a good way to explore

MANY results...

Barton MIT Libraries' Catalog MIT Libraries

Search Full Catalog:
• Basic
• Advanced

Search only for:
• Journals
• Conferences

• MIT Theses
• Reserves

• New Titles
• more...

• Your Account
• Help with Your Account

• Your Bookshelf
• Previous Searches

[Ask Us!](#) [Other Catalogs](#) [Help](#) [FAQ](#)

Brief Results Display from Full Catalog

Results for W-titles= biodiversity; sorted by : Year
Records 1 - 10 of 283

[Add to Bookshelf](#) [Save/Email](#) [View Selected](#)
[Limit by Date](#) [Limit to Available Items](#)

[Jump to #](#) [Next page](#)

[Select All](#) [Deselect](#) [Search within results](#)

Sort options : [Year](#) | [Year\(ascending\)](#) | [Author](#) | [Title](#)
Change Display : [Table View](#) | [List View](#)

1 ☐ [\[Display full record \]](#)

Author THOMPSON, KEN
Title DO WE NEED PANDAS? : THE UNCOMFORTABLE TRUTH ABOUT BIODIVERSITY.
Shelf Access [Find it in the library/Request item](#)
Shelf Location [Hayden Library - Stacks](#) | [Received/Ask for Assistance](#)
Published TOTNES GREEN BOOKS 2010
Format Government Document or Item on Order

This first book, Do we Need Pandas?! Has just come in. Ask us if we can speed it out to the shelves. The most recent books we catalog display first.

This is an electronic book: look for the SFX button

Barton MIT Libraries' Catalog MIT Libraries

Search Full Catalog:
• Basic
• Advanced

Search only for:
• Journals
• Conferences

• MIT Theses
• Reserves

• New Titles
• more...

• Your Account
• Help with Your Account

• Your Bookshelf
• Previous Searches

[Ask Us!](#) [Other Catalogs](#) [Help](#) [FAQ](#)

Full Record

Permalink for this record: <http://library.mit.edu/item/001803478>

[Results List](#) | [Add to Bookshelf](#) | [Save/Email](#) | [RefWorks](#)

Choose format: [Standard](#) | [Citation](#) | [MARC tags](#)

Record 20 out of 283 [Prev record](#) [Next record](#)

Title Amazonian floodplain forests [electronic resource] : ecophysiology, **biodiversity** and sustainable management / edited by Wolfgang J. Junk ... [et al].

Online Access [Get this -- MIT SFX](#) Click button for available online volumes

Published Dordrecht ; New York : Springer, c2010.

Description xvii, 615 p. : ill. (some col.)

Series [Ecological studies - v. 210.](#)

Format Book

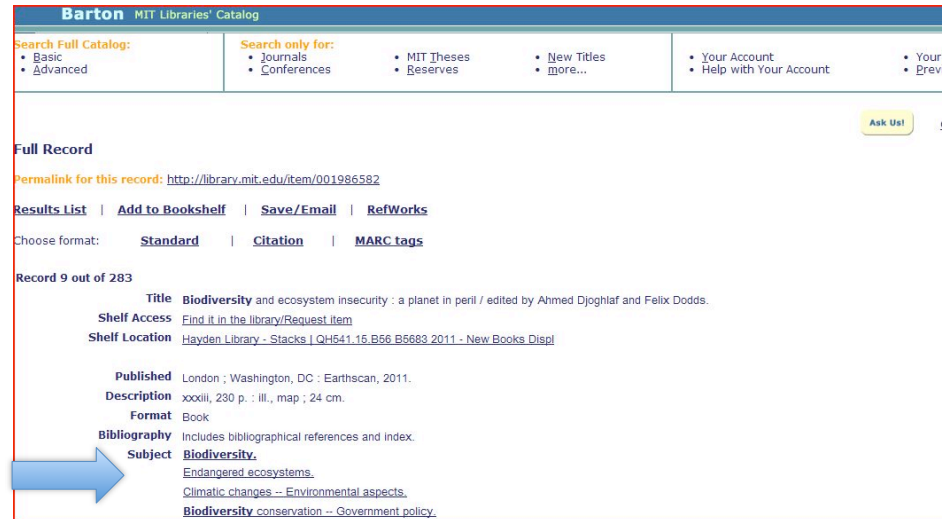
Bibliography Includes bibliographical references and index.

Reproduction Electronic reproduction. New York : Springer, 2010. Mode of access: World Wide Web. System requirements: Web browser. Title from title screen (viewed on Oct. 7, 2010). Access may be restricted to users at subscribing institutions.

Subject [Floodplain forest ecology -- Amazon River Region.](#)

An example of what an e book looks like. You can read this anywhere. All Springer books from 2005+ are online.

Also look at 'Subjects' for the book



Barton MIT Libraries' Catalog

Search Full Catalog:
• Basic
• Advanced

Search only for:
• Journals
• Conferences
• MIT Theses
• Reserves
• New Titles
• more...

• Your Account
• Help with Your Account
• Your E
• Previc

Ask Us!

Full Record

Permalink for this record: <http://library.mit.edu/item/001986582>

[Results List](#) | [Add to Bookshelf](#) | [Save/Email](#) | [RefWorks](#)

Choose format: [Standard](#) | [Citation](#) | [MARC tags](#)

Record 9 out of 283

Title Biodiversity and ecosystem insecurity : a planet in peril / edited by Ahmed Djoghlaf and Felix Dodds.

Shelf Access [Find it in the library/Request item](#)

Shelf Location [Hayden Library - Stacks I QH541 .15 B56 B5683 2011 - New Books Displ](#)

Published London ; Washington, DC : Earthscan, 2011.

Description xxxiii, 230 p. : ill., map ; 24 cm.

Format Book

Bibliography Includes bibliographical references and index.

Subject [Biodiversity.](#)
[Endangered ecosystems.](#)
[Climatic changes -- Environmental aspects.](#)
[Biodiversity conservation -- Government policy.](#)

This was another new book we bought– note other subject headings, like Climatic Changes–Environmental Aspects

these lead to more relevant

The screenshot displays the MIT Libraries' Catalog (Barton) interface. At the top, there's a header with 'Barton MIT Libraries' Catalog' and 'MIT Libraries'. Below this, a navigation bar offers search options: 'Search Full Catalog' (Basic, Advanced) and 'Search only for:' (Journals, Conferences, MIT Theses, Reserves, New Titles, more...). User account links like 'Your Account', 'Help with Your Account', 'Your Bookshelf', and 'Previous Searches' are also present. The main content area shows a 'Full Record' for a specific item, with a permalink: <http://library.mit.edu/item/001972908>. Navigation links include 'Results List', 'Add to Bookshelf', 'Save/E-mail', and 'RefWorks'. A 'Choose format' section offers 'Standard', 'Citation', and 'MARC tags'. The record itself is for 'Record 1 out of 138' and includes fields for Author (Chartres, Colin John, 1951-), Title (Out of water : from abundance to scarcity and how to solve the world's water problems / Colin Chartres and Samyuktha Varna), Edition (1st ed.), Shelf Access (Find it in the library/Request item), Shelf Location (Dewey Library - Stacks | HD1691.C493 2011), Published (Upper Saddle River, N.J. : FT Press, c2011.), Description (xxiii, 230 p. : ill., maps ; 22 cm.), Format (Book), Bibliography (Includes bibliographical references (p. 207-220) and index.), and Contents (Not another crisis! -- From abundance to scarcity in 25 years -- Causes of water scarcity -- Climate change and water -- Agriculture and water -- Water, food, and poverty -- Integrating water -- Water governance for people and the environment -- Water rights and water costs -- Solving the world's water problems.). A 'Next Record' button is visible on the right.

Barton MIT Libraries' Catalog MIT Libraries

Search Full Catalog:
• Basic
• Advanced

Search only for:
• Journals
• Conferences

• MIT Theses
• Reserves

• New Titles
• more...

• Your Account
• Help with Your Account

• Your Bookshelf
• Previous Searches

[Ask Us!](#) [Other Catalogs](#) [Help](#) [FAQ](#)

Full Record

Permalink for this record: <http://library.mit.edu/item/001972908>

[Results List](#) | [Add to Bookshelf](#) | [Save/E-mail](#) | [RefWorks](#)

Choose format: [Standard](#) | [Citation](#) | [MARC tags](#)

Record 1 out of 138 [Next Record](#)

Author [Chartres, Colin John, 1951-](#)

Title Out of water : from abundance to scarcity and how to solve the world's water problems / Colin Chartres and Samyuktha Varna.

Edition 1st ed.

Shelf Access [Find it in the library/Request item](#)

Shelf Location [Dewey Library - Stacks | HD1691.C493 2011](#)

Published Upper Saddle River, N.J. : FT Press, c2011.

Description xxiii, 230 p. : ill., maps ; 22 cm.

Format Book

Bibliography Includes bibliographical references (p. 207-220) and index.

Contents Not another crisis! -- From abundance to scarcity in 25 years -- Causes of water scarcity -- Climate change and water -- Agriculture and water -- Water, food, and poverty -- Integrating water -- Water governance for people and the environment -- Water rights and water costs -- Solving the world's water problems.

This is a 2011 book on the water problems. It's in Dewey Library.

Full Record shows TOC of many books; click on call number to

Permalink for this record: <http://library.mit.edu/item/001972908>

[Results List](#) | [Add to Bookshelf](#) | [Save/Email](#) | [RefWorks](#)

Choose format: [Standard](#) | [Citation](#) | [MARC tags](#)

Record 1 out of 138 Reset record

Author	Chartres, Colin John, 1951-
Title	Out of water : from abundance to scarcity and how to solve the world's water problems / Colin Chartres and Samyuktha Varma.
Edition	1st ed.
Shelf Access	Find it in the library/Request item
Shelf Location	Dewey Library - Stacks J HD1691 .C493 2011
Published	Upper Saddle River, N.J. : FT Press, c2011.
Description	xxiii, 230 p. : ill., maps ; 22 cm.
Format	Book
Bibliography	Includes bibliographical references (p. 207-220) and index.
Contents	Not another crisis! -- From abundance to scarcity in 25 years -- Causes of water scarcity -- Climate change and water -- Agriculture and water -- Water, food, and poverty -- Integrating water -- Water governance for people and the environment -- Water rights and water costs -- Solving the world's water problems.
Summary	Around the world, water shortages are occurring even in areas known for significant rainfall. In drier regions, shortages are already causing crop failures and starvation, and long-term economic development. Urbanization, industrialization, changing diets, biofuel production, and climate change are all aligning to exacerbate the crisis. As water shortages lead to food and health crises, they may trigger greater social unrest and, thus, foster terrorism and potentially water wars. This work explains where we stand and how we got here, and what we can do about it. The authors don't just illuminate the coming global water crisis. They present innovative, workable solutions in agriculture, engineering, governance, and beyond, including state-of-the-art techniques for integrated water management -- From book jacket.
Donor Note	Acquisition made possible by the Davis R. Dewey Library Fund
Subject	Water resources development. Sustainable development.

This shows a summary of contents..."where we stand, how we got there, what we can do about it."

Use Request Item button to pick up book or recall it

Availability/Holdings Display

[Results List](#) | [Copy Options](#)

Select year: All ▼ Select volume: All ▼ Select sublibrary: Dewey Library ▼ ☐ Hide loaned items

Library	Collection	Call Number	Vol/Issue	Note	Status/Due Date	Request this Item
Dewey Library	Stacks	HD1691.C493 2011			Due: 12/30/2011 by 10:00 AM	<input type="button" value="Request item"/>



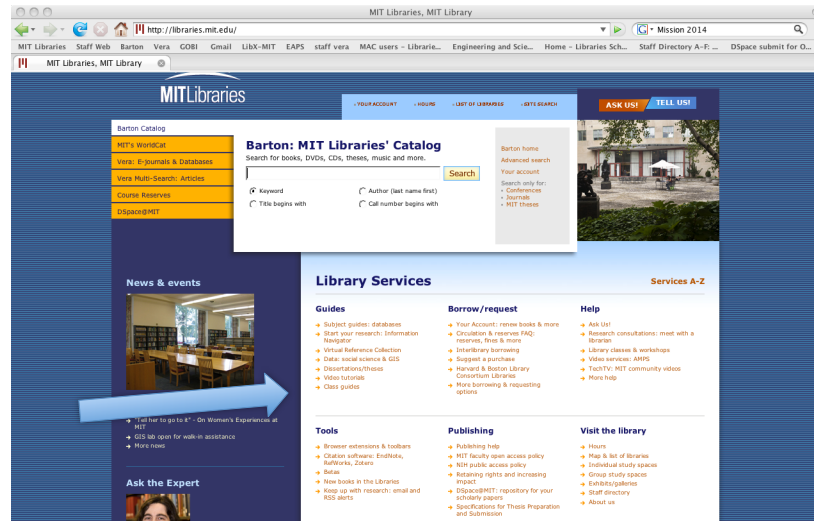
IF a book is checked out, Request Item will recall it for you. If you want to pick the book up in another library, you can request it be sent there.

Some of you will explore Barton's Advanced Search

The screenshot shows the 'Barton MIT Libraries' Catalog' Advanced Search page. At the top, there's a navigation bar with links for 'Search Full Catalog' (Basic, Advanced), 'Search only for:' (Journals, Conferences, MIT Theses, Reserves, New Titles, more...), and user account links. Below this, the 'Advanced Search of Full Catalog' section is visible. It includes 'Keyword Searches' with fields for Title Words, Author Words, and Keyword Anywhere, each with an 'AND' dropdown. There are radio buttons for 'Search as: Words' (selected) and 'Phrases'. The 'Limit search to:' section has fields for 'Year from:', 'Year to:', 'Formats/Types:' (set to 'Full Catalog'), and 'Language:' (set to 'all'). On the right, there are dropdowns for 'Location:' (set to 'all') and 'Collection:' (set to 'all'). A blue arrow points to the 'Location:' dropdown. A 'Search' button is at the bottom right.

You can look for books in a particular library, or look for just DVDs, or books published in certain years.

Mission page is under Guides > Class guides



We've made a page for this class>Guides>Class Guides

...Fall 2011 then 12.000

The screenshot shows the MIT Libraries website. At the top, there is a navigation bar with links: SEARCH OUR COLLECTIONS, ASK US, HELP YOURSELF, CIRCULATION FAQ, and ABOUT US. Below this, the 'HELP YOURSELF' section is active. On the left, there is a sidebar with a yellow 'Ask Us!' button and links to 'MIT Course Pages' (official class pages created by professors) and 'Library classes & workshops'. The main content area is titled 'Class guides' and includes a link to 'Help yourself > Class guides'. It states: 'For general help, see: Information Navigator: Start Your Research'. Below this, it says: 'These guides are created by librarians to provide targeted research and information tools for use in specific MIT classes.' The 'Fall 2011' section lists several course guides: 1.018/7.301: Ecology 1: The Earth System, 2.009: Product Engineering Processes, 2.75/2.75Q: Precision Machine Design, 3.042: Materials Project Laboratory, 3.091: Introduction to Solid State Chemistry, 7.023: Read All About It! Medicine and Biology in This Week's News, 10.28: Chemical-Biological Engineering Laboratory, 12.000: Solving Complex Problems, 21A.109: How Culture Works, 21F.043: Introduction to Asian American Studies, 21F.044: Classics of Chinese Literature, 21M.603: Intro to Design for Theater, and 21M.703: The Actor and the Text. A blue arrow points to the '12.000: Solving Complex Problems' link.

MIT libraries

SEARCH OUR COLLECTIONS ASK US HELP YOURSELF CIRCULATION FAQ ABOUT US

HELP YOURSELF

MIT Libraries

Ask Us!

See also:

[MIT Course Pages](#)
official class pages
created by
professors

[Library classes &
workshops](#)

[Help yourself > Class guides](#)

Class guides

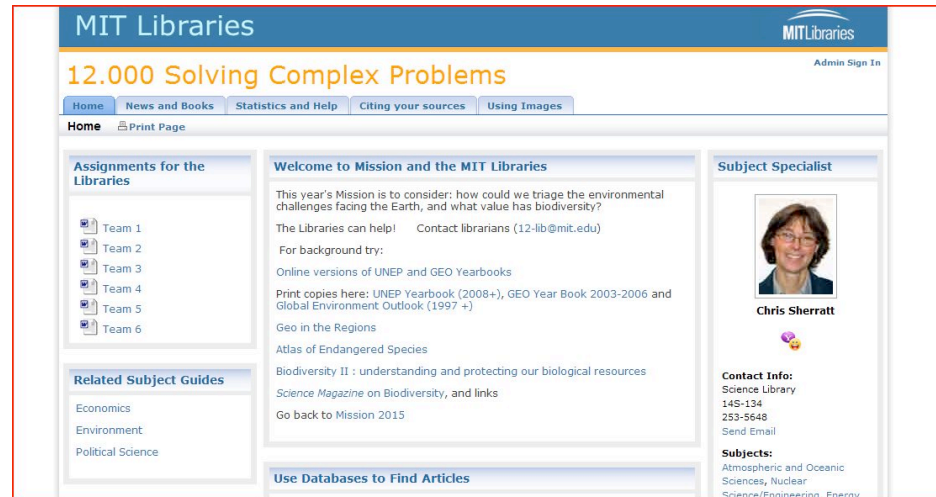
For general help, see:
[Information Navigator: Start Your Research](#)

These guides are created by librarians to provide targeted
research and information tools for use in specific MIT classes.

Fall 2011

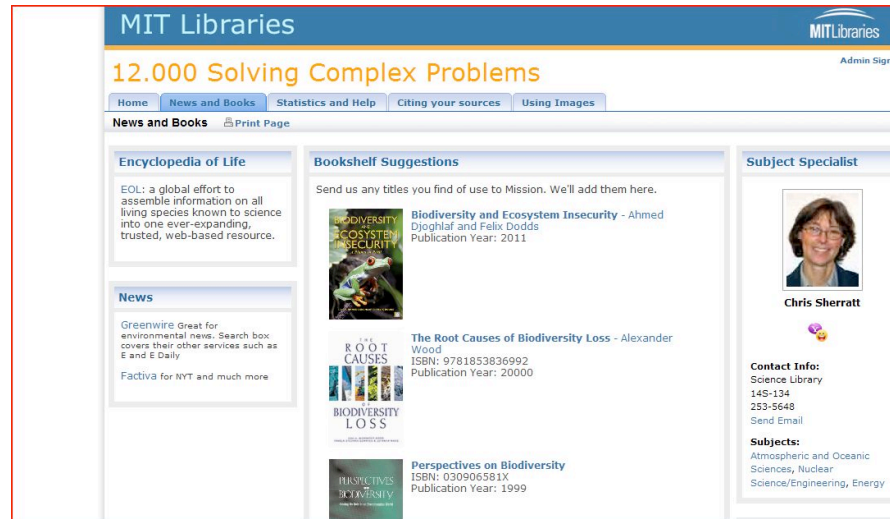
- [1.018/7.301: Ecology 1: The Earth System](#)
- [2.009: Product Engineering Processes](#)
- [2.75/2.75Q: Precision Machine Design](#)
- [3.042: Materials Project Laboratory](#)
- [3.091: Introduction to Solid State Chemistry](#)
- [7.023: Read All About It! Medicine and Biology in This Week's News](#)
- [10.28: Chemical-Biological Engineering Laboratory](#)
- [12.000: Solving Complex Problems](#)
- [21A.109: How Culture Works](#)
- [21F.043: Introduction to Asian American Studies](#)
- [21F.044: Classics of Chinese Literature](#)
- [21M.603: Intro to Design for Theater](#)
- [21M.703: The Actor and the Text](#)

Libraries' Mission Page



Where you'll find assignments, background, links to news, books, databases, our contact info, stats, help with citing, info on images

Note tabs, such as News &



The screenshot displays the MIT Libraries website with a blue header bar containing the "MIT Libraries" logo and a navigation menu with tabs: Home, News and Books, Statistics and Help, Citing your sources, and Using Images. The "News and Books" tab is selected. Below the header, a large orange banner reads "12.000 Solving Complex Problems". The main content area is divided into three columns. The left column features an "Encyclopedia of Life" section with a description of EOL and a "News" section listing "Greenwire Great for environmental news" and "Factiva for NYT and much more". The middle column is titled "Bookshelf Suggestions" and lists three books: "Biodiversity and Ecosystem Insecurity" by Ahmed Djoghla and Felix Dodds (2011), "The Root Causes of Biodiversity Loss" by Alexander Wood (2000), and "Perspectives on Biodiversity" (1999). The right column is titled "Subject Specialist" and features a portrait of Chris Sherratt, along with contact information for the Science Library and a list of subjects: Atmospheric and Oceanic Sciences, Nuclear Science/Engineering, and Energy.

MIT Libraries

12.000 Solving Complex Problems

Admin Sign In

Home News and Books Statistics and Help Citing your sources Using Images

News and Books Print Page

Encyclopedia of Life

EOL: a global effort to assemble information on all living species known to science into one ever-expanding, trusted, web-based resource.

News

Greenwire Great for environmental news. Search box covers their other services such as E and E Daily

Factiva for NYT and much more

Bookshelf Suggestions

Send us any titles you find of use to Mission. We'll add them here.

Biodiversity and Ecosystem Insecurity - Ahmed Djoghla and Felix Dodds
Publication Year: 2011

The Root Causes of Biodiversity Loss - Alexander Wood
ISBN: 9781853836992
Publication Year: 20000

Perspectives on Biodiversity
ISBN: 030906581X
Publication Year: 1999

Subject Specialist

Chris Sherratt

Contact Info:
Science Library
14S-134
253-5648
Send Email


Subjects:
Atmospheric and Oceanic Sciences, Nuclear Science/Engineering, Energy

Databases lead to articles and papers

Related Subject Guides

- [Economics](#)
- [Environment](#)
- [Political Science](#)

A Classic



Biodiversity - Edward O. Wilson

biodiversity: it's understanding and protecting our biological resources
[Science Magazine on Biodiversity](#), and links
[Go back to Mission 2015](#)

Use Databases to Find Articles

Some articles are on the open Web, but many do not. Use the Libraries' subject databases to find these **and** go right to the full text when we subscribe. Time savers!

- [ESPM: Environmental Sciences and Pollution Abstracts](#)
Comprehensive database to articles on ecology, environment and sustainability.
- [GreenFile](#)
Articles on humans and the environment
- [Web of Science \(ISI Web of Knowledge\)](#)
Good for articles from many disciplines. Limit to SCI for science; SSCI for policy and economics.
- [Environment Index](#)
Useful for finding environmental policy articles
- [Econlit](#)
Find literature in all fields of economics

Manage Your References


Use your Team's Refworks account to help organize and cite references:

- [RefWorks](#)

Contact Info:
Science Library
14S-134
253-5648
[Send Email](#)

Subjects:
[Atmospheric and Oceanic Sciences](#), [Nuclear Science/Engineering](#), [Energy](#)

Subject Expert



Heather McCann

Contact Info:
Ratch Library
617-253-7098
[Send Email](#)

Example: Web of Science

The screenshot displays the Web of Science search interface. At the top, the header reads "WEB OF KNOWLEDGE™" and "DISCOVERY STARTS HERE". Below this is a navigation bar with tabs for "All Databases", "Select a Database", "Web of Science", and "Additional Resources". Under "Web of Science", there are sub-tabs for "Search", "Author Finder", "Cited Reference Search", "Advanced Search", and "Search History". The "Search" tab is active, showing the "Web of Science SM" search form. The form has three input fields for search criteria, each with a dropdown menu for the search field (Title, Author, or Publication Name). The first field contains "biodiversity" and is set to "Title". The second and third fields are empty and set to "Author" and "Publication Name" respectively. Below the input fields are "AND" dropdown menus to combine search terms. At the bottom of the search form are "Search" and "Clear" buttons, and a note that "Searches must be in English". Below the search form is the "Current Limits" section, which includes a "Timespan" dropdown set to "Latest 5 years" (updated 2011-09-24). There is also a "From" and "to" date range selector set to "1899" and "2011" respectively. At the bottom, there is a list of citation databases: Science Citation Index Expanded (SCIE), Social Sciences Citation Index (SSCI), Arts & Humanities Citation Index (A&HCI), Conference Proceedings Citation Index- Science (CPCI-S), and Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH).

In this database I am searching for biodiversity in the TITLE, since I am exploring. I also LIMIT to Latest 5 years

Results list

Web of ScienceSM

Results Title=biodiversity
Timespan=Latest 5 years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH
Lemmatization=On

Scientific WebPlus View Web Results >>

Note: Alternative forms of your search term (for example, tooth and teeth) may have been applied, in particular for Topic or Title searches that do not contain quotation marks around the terms. To find only exact matches for your terms, turn off the "Lemmatization" option on the search page.

Results: 3,615 Page 1 of 362 Go Sort by: Publication Date -- newest to oldest

Refine Results

Search within results for

Web of Science Categories Refine

- ☐ ECOLOGY (1,116)
- ☐ ENVIRONMENTAL SCIENCES (762)
- ☐ BIODIVERSITY CONSERVATION (525)
- ☐ MULTIDISCIPLINARY SCIENCES (325)
- ☐ MARINE FRESHWATER BIOLOGY (271)
- more options / values...

Document Types Refine

- ☐ ARTICLE (2,541)
- ☐ REVIEW (316)
- ☐ EDITORIAL MATERIAL (314)
- ☐ PROCEEDINGS PAPER (233)
- ☐ MEETING ABSTRACT (127)
- more options / values...

1. Title: A ubiquitous similar to 62 Myr periodic fluctuation superimposed on general trends in fossil biodiversity. I. Documentation
Author(s): Mellett Adrian L., Bambach Richard K.
Source: PALEOBIOLOGY Volume 37 Issue: 1 Pages: 92-112 DOI: 10.1666/09054.1 Published: WIN 2011
Times Cited: 3 (from Web of Science)
Get this -- MIT SFX [a] View abstract

2. Title: Effects of Unplanned Development on Marine Biodiversity: A Lesson from Albania (Central Mediterranean Sea)
Author(s): Fraschetti Simona, Terlizzi Antonio, Guarnieri Giuseppe, et al.
Source: JOURNAL OF COASTAL RESEARCH Special Issue: 958 Pages: 106-115 DOI: 10.2112/JL_58_10 Published: WIN 2011
Times Cited: 1 (from Web of Science)
Get this -- MIT SFX [a] View abstract

3. Title: Biodiversity and dynamics of meat fermentations: The contribution of molecular methods for a better comprehension of a complex ecosystem
Author(s): Coccolin Luca, Dorig Paola, Rantisou Kalopi
Source: MEAT SCIENCE Volume 89 Issue: 3 Special Issue: SI Pages: 296-302 DOI: 10.1016/j.meatsci.2011.04.011 Published: NOV 2011
Times Cited: 0 (from Web of Science)
Get this -- MIT SFX [a] View abstract

4. Title: Integrative freshwater ecology and biodiversity conservation
Author(s): Geist Juergen

3000+ hits, even with titles. You can limit this down by more words, or Review Articles—good sources which summarize a topic

An article on food and

The screenshot shows the Web of Science interface. At the top, the 'WEB OF KNOWLEDGE' logo is on the left, 'DISCOVERY STARTS HERE' is in the center, and the 'THOMSON REUTERS' logo is on the right. Below the logo is a navigation bar with links: 'Sign In', 'Marked List (0)', 'My EndNote Web', 'My ResearcherID', 'My Citation Alerts', 'My Saved Searches', 'Log Out', and 'Help'. A secondary navigation bar includes 'All Databases', 'Select a Database', 'Web of Science', and 'Additional Resources'. Under 'Web of Science', there are links for 'Search', 'Author Finder', 'Cited Reference Search', 'Advanced Search', and 'Search History'. The main content area displays the article 'Food and Biodiversity' by Godfray, H.C.J. (Godfray, H. Charles J.)^{1,2}. It provides source information (SCIENCE, Volume: 333, Issue: 6047, Pages: 1231-1232, DOI: 10.1126/science.1211815, Published: SEP 2 2011), citation statistics (Times Cited: 0, Cited References: 11), and contact details. On the right side, there are sections for 'Times Cited: 0', 'Related Records', 'Cited References: 11', and 'Additional information'. The article title 'Food and Biodiversity' is highlighted in yellow.

WEB OF KNOWLEDGE™ DISCOVERY STARTS HERE THOMSON REUTERS

Sign In | Marked List (0) | My EndNote Web | My ResearcherID | My Citation Alerts | My Saved Searches | Log Out | Help

All Databases | Select a Database | Web of Science | Additional Resources

Search | Author Finder | Cited Reference Search | Advanced Search | Search History

Web of ScienceSM

<< Back to results list | Record 9 of 3,615 | Record from Web of ScienceSM

Get this — [MTT](#) [SFX](#) [X](#) (0) | Save to: [EndNote Web](#) [EndNote](#) [RefWorks](#) [ResearcherID](#) more options

Food and Biodiversity

Author(s): Godfray, H.C.J. (Godfray, H. Charles J.)^{1,2}

Source: SCIENCE Volume: 333 Issue: 6047 Pages: 1231-1232 DOI: 10.1126/science.1211815 Published: SEP 2 2011

Times Cited: 0 (from Web of Science)

Cited References: 11 [view related records] [Citation Map](#)

Document Type: Editorial Material

Language: English

Reprint Address: Godfray, H.C.J. (reprint author), Univ Oxford, Dept Zool, S Parks Rd, Oxford OX1 3PS, England

Addresses:

1. Univ Oxford, Dept Zool, Oxford OX1 3PS, England

2. Univ Oxford, Oxford Martin Sch, Inst Biodivers, Oxford OX1 3PS, England

E-mail Address: charles.godfray@zoo.ox.ac.uk

Publisher: AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW, WASHINGTON, DC 20005 USA

Web of Science Category: Multidisciplinary Sciences

Times Cited: 0
This article has been cited 0 times in Web of Knowledge.
[Create Citation Alert](#)

Related Records:
Find similar Web of Knowledge records based on shared references.
[\[view related records\]](#)

Cited References: 11
View the bibliography of this record (from Web of ScienceSM).
[Citation Map](#)

Additional information
• View the journal's impact factor (in Journal

From Science magazine, September 2011. SFX should take you to full text

Use SFX to get to full text

The screenshot shows the Science journal website's search interface. At the top, there's a navigation bar with the Science logo, AAAS logo, and links for NEWS, SCIENCE JOURNALS, CAREERS, BLOGS & COMMUNITIES, MULTIMEDIA, and COLLECTIONS. Below this is a red banner with the Science logo and the tagline "The World's Leading Journal of Original Scientific Research, Global News, and Commentary." The main content area is titled "Previous Issues of Science" and includes a search box on the left. The search box has fields for "Vol#" (333) and "Pg#" (1231), a "GO" button, and a "Full text" dropdown menu. The search results show two archives: "Science Online, January 1997 - Current Issue" and "Science Classic, July 1880 - December 1996".

Science Magazine

Science

AAAS

NEWS SCIENCE JOURNALS CAREERS BLOGS & COMMUNITIES MULTIMEDIA COLLECTIONS JOIN / SUBSCRIBE

Science The World's Leading Journal of Original Scientific Research, Global News, and Commentary.

Science Home Current Issue Previous Issues Science Express Science Products My Science About the Journal

Home > Science Magazine > Issue Archive

Search the Journal

Vol# 333

Pg# 1231 GO

Enter Keyword

Full text GO

Advanced

Previous Issues of Science

Previous issues of Science are available in two archives: [To Advertise](#) [Find Products](#)

- Science Online, January 1997 - Current Issue — Abstracts/Summaries, Full Text HTML, and Full Text PDF.
- Science Classic, July 1880 - December 1996 — Full Text PDF; and References in HTML dynamically linked to the full text when available. (A separate institutional subscription may apply to access content from Science Classic, the digital archives of Science.)

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Science 2 September 2011:
Vol. 333 no. 6047 pp. 1231-1232
DOI: 10.1126/science.1211815

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PERSPECTIVE

ECOLOGY

Food and Biodiversity

H. Charles J. Godfray

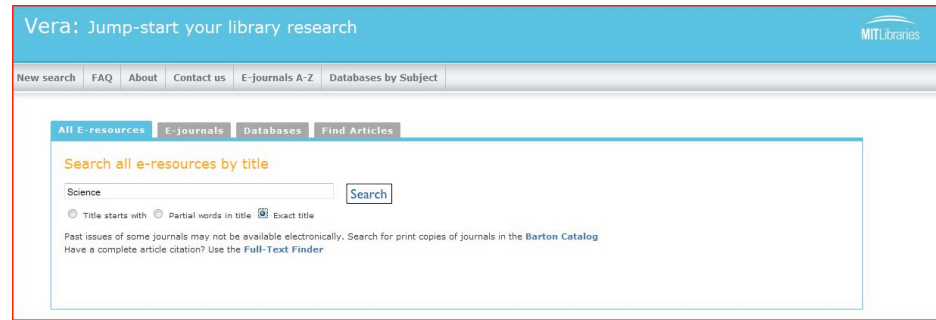
±

 Author Affiliations

E-mail: charles.godfray@zoo.ox.ac.uk

The number of people on Earth continues to increase, although it is likely to peak at between 9 and 10 billion later in this century (1). Not only will there be more people, but they will be wealthier and will demand a more varied diet. This increasing pressure to produce more food comes at a time when productive land is being lost to urbanization and to the net negative effects of climate change (2). In the face of these threats, conservationists have long debated how best to preserve biodiversity. Some argue that the priority should be "land sharing"—simultaneously using agricultural landscapes for less-intensive cultivation (sacrificing crop yields) and conservation. Others favor "land sparing," or maximizing agricultural outputs from some land in order to allow other land to be set aside for conservation (3, 4). On page 1289 of this issue, Phalan *et al.* (5) draw on surveys of biodiversity in landscapes in Ghana and India to provide some valuable hard data to inform this discussion.

If SFX fails, search Vera, then Barton for the journal title



The screenshot shows the 'Vera: Jump-start your library research' interface. At the top is a blue header with the MIT Libraries logo. Below it is a navigation bar with links: 'New search', 'FAQ', 'About', 'Contact us', 'E-journals A-Z', and 'Databases by Subject'. The main content area has a sub-header with tabs: 'All E-resources', 'E-journals', 'Databases', and 'Find Articles'. The 'All E-resources' tab is selected. Below the tabs is a search box with the placeholder text 'Search all e-resources by title'. The search box contains the word 'Science'. To the right of the search box is a 'Search' button. Below the search box are three radio buttons: 'Title starts with', 'Partial words in title', and 'Exact title'. The 'Exact title' option is selected. Below the radio buttons is a small text block: 'Past issues of some journals may not be available electronically. Search for print copies of journals in the [Barton Catalog](#). Have a complete article citation? Use the [Full-Text Finder](#)'.

We try SFX, VERA, BARTON. If MIT does not own, we use ILB to get a pdf of an article we need. It's free for MIT students.

Barton finds journal titles

The screenshot shows the Barton MIT Libraries Catalog search page. At the top, there's a header with 'Barton MIT Libraries' Catalog and 'MIT Libraries'. Below this, there are several navigation links: 'Search Full Catalog:' with sub-links 'Basic' and 'Advanced'; 'Search only for:' with sub-links 'Journals', 'Conferences', 'MIT Theses', 'Reserves', 'New Titles', and 'more...'; 'Your Account' with sub-links 'Help with Your Account'; and 'Your Bookshelf' with sub-links 'Previous Searches'. There are also links for 'Ask Us!', 'Other Catalogs', 'Help', and 'FAQ'. The main section is titled 'Search for Journals only' and 'Keyword Searches'. It includes a sub-header 'Browse an Alphabetical List:' and a search form with 'Search type:' (set to 'Journal Title begins with...'), 'Search for:' (set to 'Science'), and a 'Search' button. A note below the search form states: 'Find the shelf location of print journals or the URL of electronic journals in the MIT Libraries.'

NOT ARTICLES. Here I am searching journals only

Another sample search in ESPM database

Duplicates have been removed. [Show Duplicates](#) to see all 330 results.

Previous 1 2 3 4 5 Next

Record #

Show Short format Results per page: 10

[Add Row](#) | [Remove Row](#)

(	biodiversity	or		or		)	Title: Ti=	
and	(	costa rica	or		or	)	Title: Ti=	
and	(		or		or	)	Anywhere	

[Search Tips:](#) e.g., wildcat*, exact phrase; use Keywords for a single search of Title, Abstract, Descriptors

Now Selected: Multiple Databases ([Show](#))


Change: or [Specific Databases](#)

Date Range: Earliest to 2012

Limited to: ☐ Latest Update ☐ Journal Articles Only ☐ English Only

More Search Options: ([Show](#))

2011 article on Costa Rican biodiversity

 ILLUMINA

Deep Indexing added to selected databases

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1 of 29
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Database

Sustainability Science Abstracts

Title

Identification of Marine and Coastal *biodiversity* conservation priorities in Costa Rica

Original Title

Identificación de las prioridades de conservación de la biodiversidad marina y costera en Costa Rica

Author

[Alvarado, J.J.](#) [Herrera, B.](#) [Corrales, L.](#) [Asch, J.](#) [Paaby, P.](#)

Affiliation

Centro de Investigación en Ciencias del Mar y Limnología (CIMAR), Universidad de Costa Rica, San Pedro, 11501-2050 San Jose, Costa Rica, juanahya76@yahoo.com

Source

Revista de Biología Tropical [Rev. Biol. Trop.], Vol. 59, no. 2, pp. 829-842 Jun 2011.

ISSN

0034-7744

Descriptors

Article Subject Terms: ☐ Biological diversity ☐ Conservation ☐ Ecosystems ☐ Terrestrial environments ☐ marine protected areas ☐ protected areas ☐ sustainable use

Article Geographic Terms:

☐ ASW, Caribbean Sea ☐ ASW, Costa Rica

New Search Using Marked Terms:

☒ Use AND to narrow ☐ Use OR to broaden

Add to Current Search:

☐ Use AND to narrow ☐ Use OR to broaden

Abstract

Costa Rica is recognized as one of the most diverse countries in species and ecosystems, in their terrestrial realm as well as in the marine. Besides this relevance, the country presents a delay on conservation and management of marine and coastal biodiversity, with respect to terrestrial. For 2006, the marine protected surface was 5208.8 km super(2), with 331.5 km of coastline, in 20 protected areas. The country has made progress on the conservation priority sites identification for terrestrial and freshwater bio-diversity, with few efforts on marine planning. This research presents the analysis and results of the gap identification process, for marine and coastal biodiversity conservation in the protected areas system of Costa Rica. The analysis

Another way SFX can look



Title: Identification of Marine and Coastal biodiversity conservation priorities in Costa Rica

Source: Revista de biología tropical [0034-7744] Alvarado yr:2011 vol:59 iss:2 pg:829 -842

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Ask the Expert



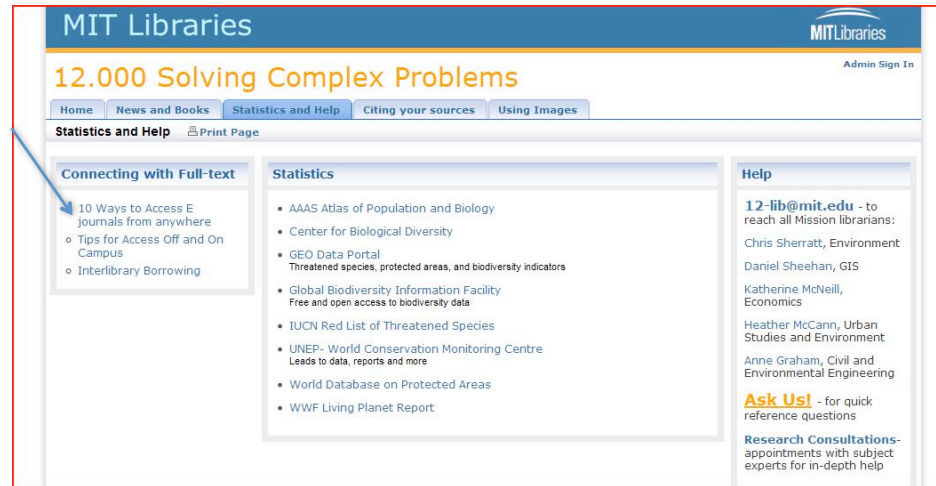
Anne Graham

Library Services

Services A-Z

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LibX toolbar

MIT Libraries - Mozilla Firefox

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LibX MIT Keyword Search Barton Scholar Clear All


2. **Right-click menu:** Highlight text on a web page or PDF document and right-click to get the following menu:

Right-click context menu

From this menu you can:

A final word on Refworks...

A Classic



Biodiversity -
Edward O. Wilson

Use Databases to Find Articles

Some articles are on the open Web, but many do not. Use the Libraries' subject databases to find these *and* go right to the full text when we subscribe. Time savers!

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- [Web of Science \(ISI Web of Knowledge\)](#)
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