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
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.
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...

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.
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

This was another new book we bought—note other subject headings, like Climatic Changes–Environmental Aspects
these lead to more relevant

This is a 2011 book on the water problems. It’s in Dewey Library.
This shows a summary of contents..."where we stand, how we got there, what we can do about it."
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

You can look for books in a particular library, or look for just DVDs, or books published in certain years.
We’ve made a page for this class > Guides > Class Guides
...Fall 2011 then 12.000
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 &
Databases lead to articles and papers

Use Databases to Find Articles

Some articles are on the open web, but many do not. Use the Libraries’ subject databases to find those and go right to the full text when we subscribe. Time saver!

- EWEB: Environmental Sciences and Pollution abstracts
- Geobios: articles on humans and the environment
- Web of Science (ISI Web of Knowledge): Used for articles from many disciplines. Limit to SCI for science; SSIR for policy and economics.
- Environment Index: Index for policy-environmental policy abstracts
- Scio: Find literature in all fields of economics

Manage Your References

Use your T澜’s Refworks account to help organize and cite references:

- RefWorks

Subject Expert

Heather McGinn

Contact Info:
Kelani Library
314-214-4239
Send Email
In this database I am searching for biodiversity in the TITLE, since I am exploring. I also LIMIT to Latest 5 years.
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

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

Here I type in the volume and page #
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 (2). 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 well-negative effects of climate change (3). 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 1229 of this issue, Phillips et al. (5) draw on surveys of biodiversity in landscapes in Ghana and India to provide some valuable new data to inform this discussion.
If SFX fails, search Vera, then Barton for the journal title.

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

NOT ARTICLES. Here I am searching journals only
Another sample search in ESPM database
2011 article on Costa Rican biodiversity

Identification of Marine and Coastal Biodiversity Conservation Priorities in Costa Rica

Abstract: Costa Rica is recognized as one of the most diverse countries in species and ecosystems, and its territories provide a valuable insight into the processes that maintain biodiversity. Recent studies have highlighted the need for more effective conservation strategies to protect the country’s marine and coastal biodiversity. This article presents an analysis of the current conservation status in Costa Rica, focusing on marine and coastal ecosystems. It discusses the challenges faced in conserving these areas and outlines potential strategies for improving the efficacy of conservation efforts.
Another way SFX can look

Identification of Marine and Coastal biodiversity conservation priorities in Costa Rica
### Tools that help with citations: LibX and Refworks

#### LibX
- Subject guides: databases
- Start your research: Information Navigator
- Virtual Reference Collection
- Data: finding & managing
- Dissertations/theses
- Video tutorials
- Class guides
- MIT Memory

#### Refworks
- Ask a Librarian: research consultations
- Interlibrary borrowing
- Circulation FAQ
- Course Reserves FAQ
- Harvard & Boston Library Consortium Libraries
- Ask Us!
- Research consultations
- Meet with a Librarian
- Library classes & workshops
- Video tutorials
- MIT TechTV: community videos
- E-reading FAQ
- More help

#### Tools
- Bibles, widgets, browser extensions & bookmarks
- Citation software: EndNote, RefWorks, Zotero
- New books in the Libraries
- Keep up with research: email and RSS feeds

#### Publishing
- Publishing help
- MIT faculty open access policy
- NIH public access policy
- Increase the impact of your research
- GSPanels/MIT: repository for your scholarly papers
- Specifications for Thesis Preparation and Submission

#### Visit the library
- Hours
- List of libraries | Map
- Individual study spaces
- Group study spaces
- Exhibits/galleries
- Staff directory
- About us
Libx and other tips here

Barton, Vera, Libx to get recognized as MIT, proxy string info, GS preferences
LibX recognizes you as MIT
A final word on Refworks...

Use Databases to Find Articles

- A Classic
  - Biodiversity
    - Edward O. Wilson

- Use the Libraries' subject databases to find these and go right to the full text when we subscribe. Time savers!
  - EPM: 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
..you can download citations from the databases, then format
Email us for research help anytime: Chris, Anne, Daniel, Heather
We also love to meet with students
Remember, post your work by October 4 to your team wiki
Good luck!