### Terrascope & the MIT Libraries

Mission 2017: Global Water Security



Chris Sherratt, Jennifer Greenleaf, Anne Graham, Heather McCann, Michael Noga, Daniel Sheehan your librarians

### Why we are here today

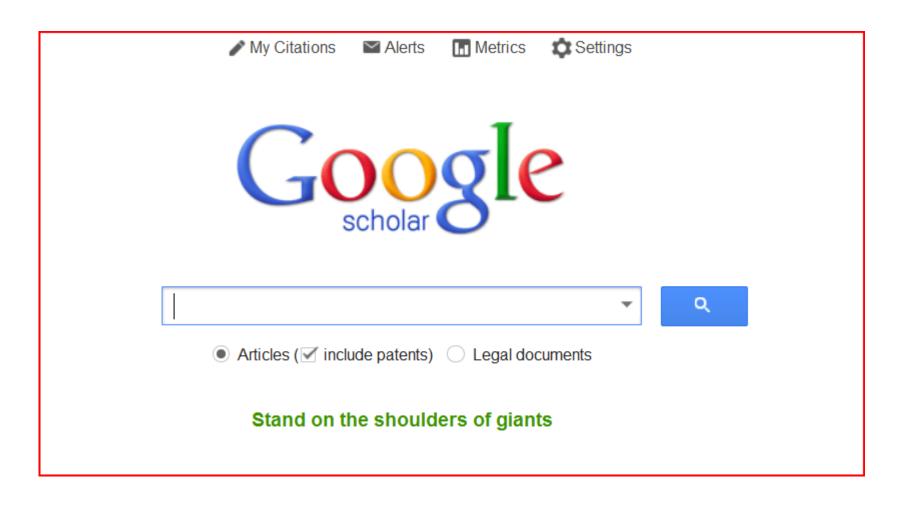
- You must evaluate the information you find
- You must engage with the scientific literature
- It's important to decide where to search
- In research, starting points are probably not ending points
- We buy books, and lots of online information for MIT... and we provide tools to find it

### What we'll do today

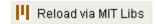
- Set up 2 ways to ease access to full text
- Bookmark the Libraries' 12.000 page
- Find and send yourself 2 or 3 references
- Meet the librarians
- Think about the value-add of the Libraries

### Scholar.google.com

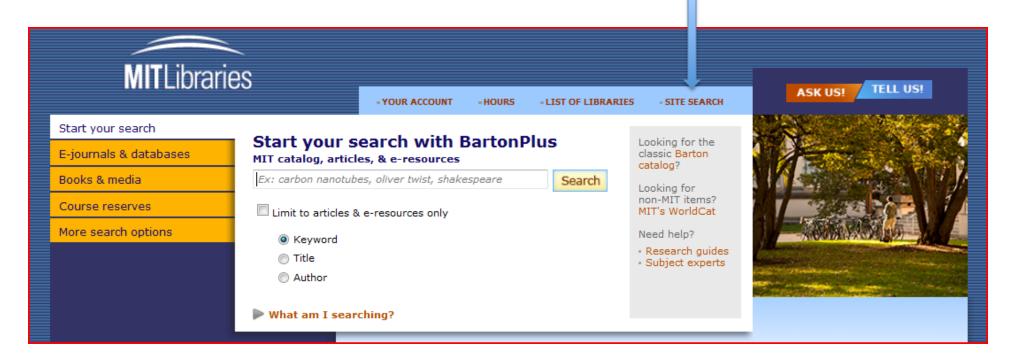
For all browsers Settings> Library Links> MIT

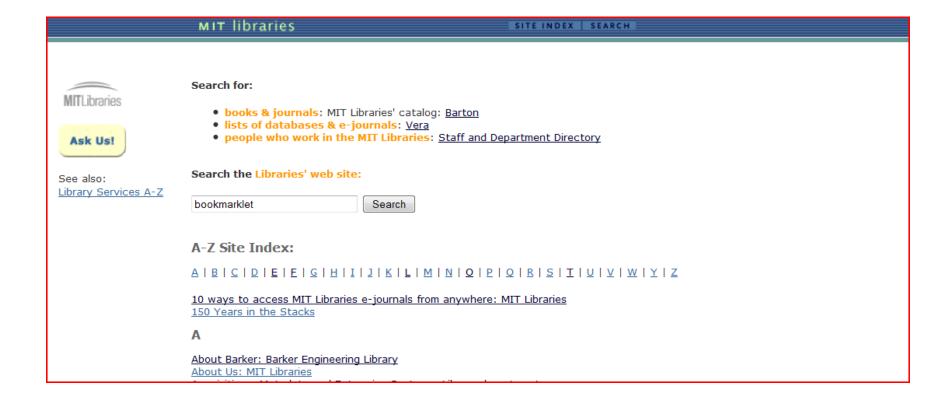


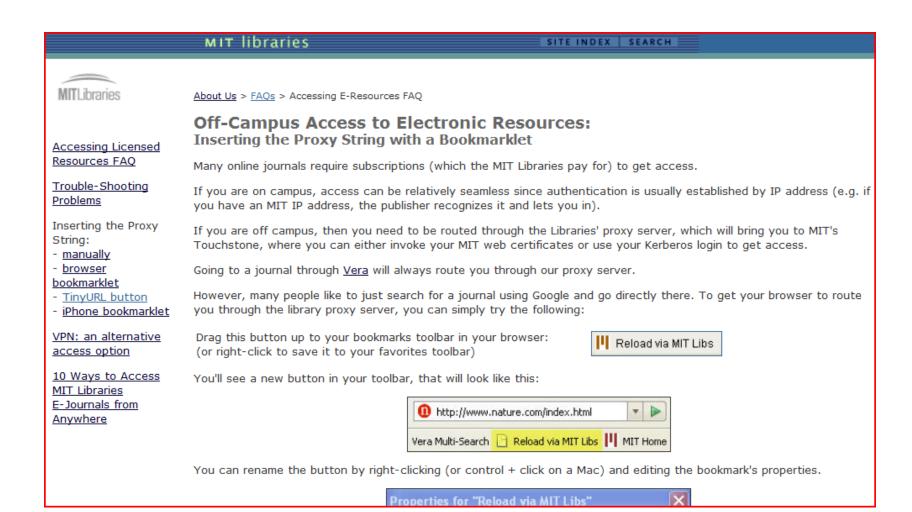
### Add our bookmarklet



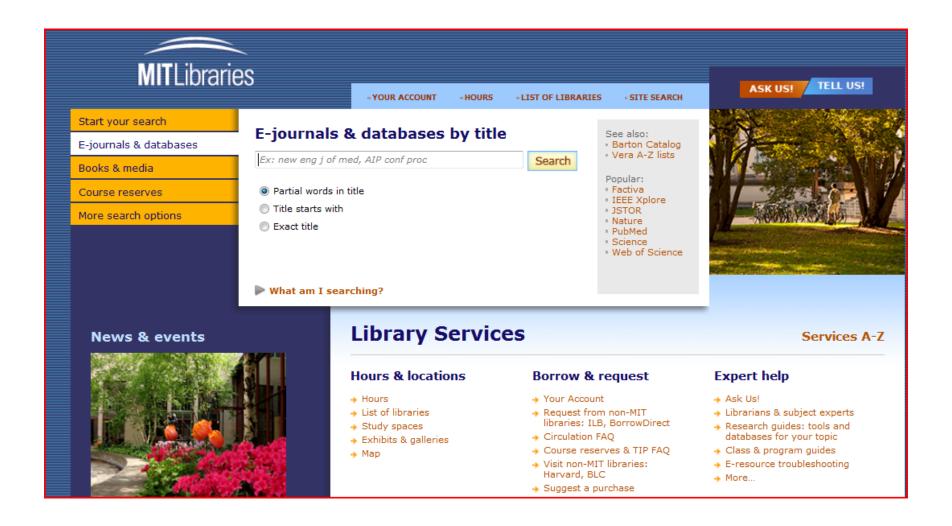
libraries.mit.edu > Site search> Type in bookmarklet > Click first result (Inserting the Proxy String...) > Drag the Reload button into your bookmarks bar





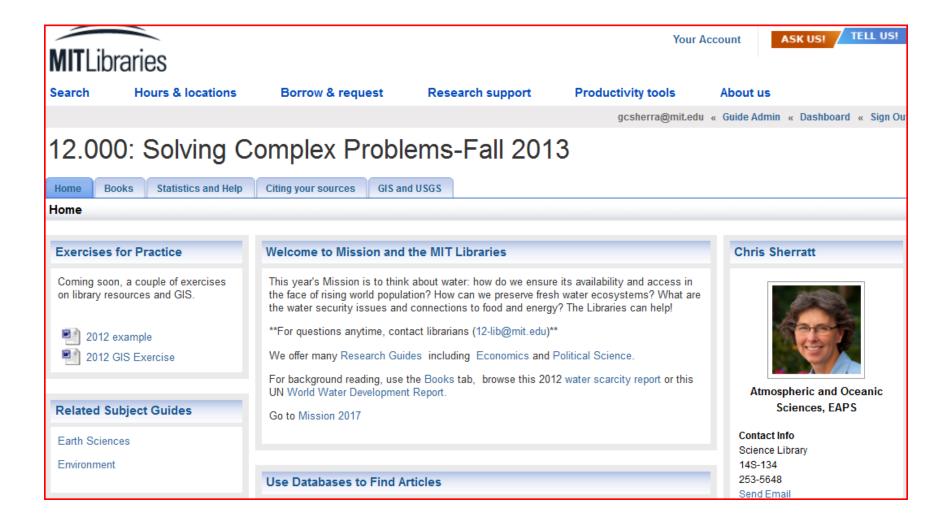


### Navigate to the class page

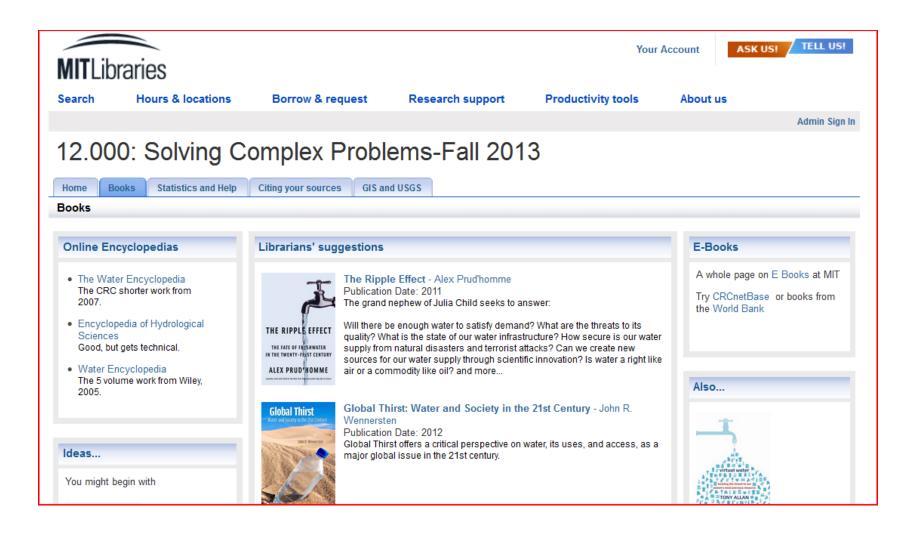


## GO TO libraries.mit.edu FIND Expert help > Class & program guides > Fall 2013 > 12.000

### Bookmark!



### Note the Tabs, especially Books

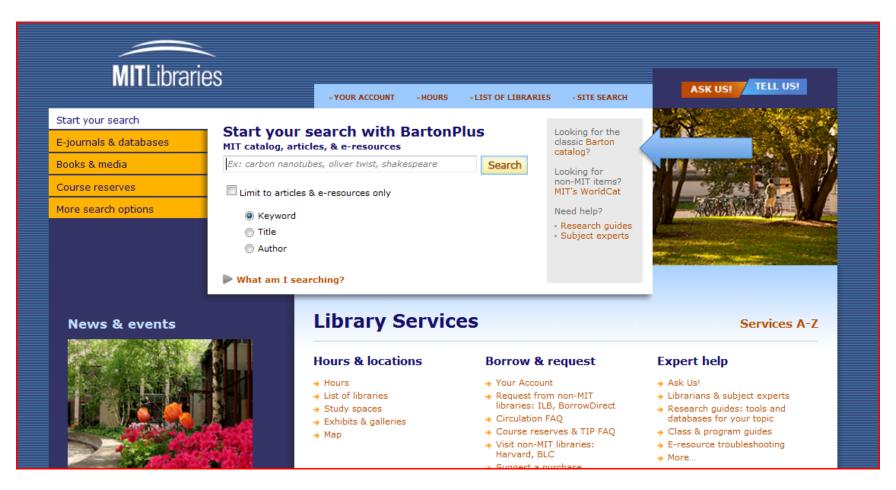


### Then consider what you need

- For books, Barton: MIT Libraries catalog
- For articles, you have options
  - Google Scholar
  - BartonPlus
  - Library Databases

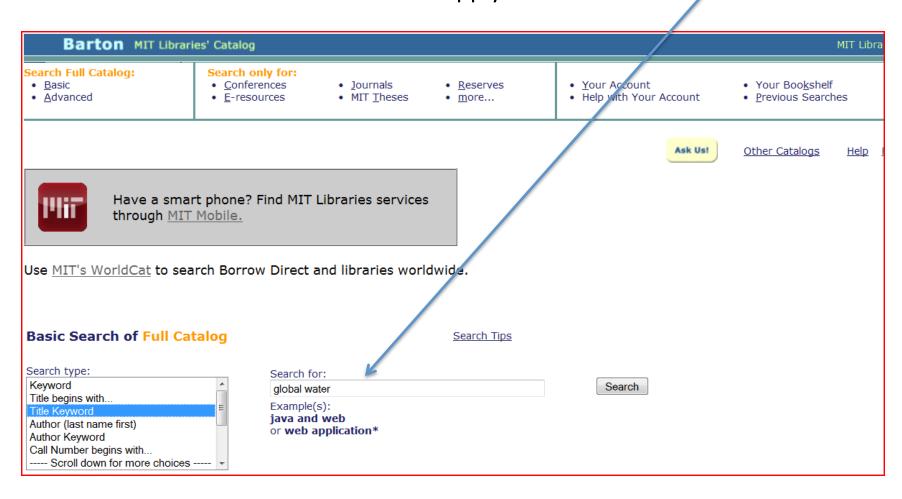
### First, find Barton

#### It moved!



### Think about your keywords and where you search:

global water transboundary water rights rivers water supply asia



# You can mark or email from the results list

Brief Results Display from Full Catalog			
Results for W-titles= shale gas water; sorted by : Year		Add to Bookshelf Limit by Date	Save/Email View Selected Limit to Available Items
Records 1 - 7 of 7		Jump to #	
Select All Deselect	ct Search within results	Sort options : Ye	ear Year(ascending) Author Title
		Change Display: <u>Tabl</u>	e View List View
1 🔳	[ <u>Display full record</u> ]		
Author	Karapataki, Christina.		
Title	Techno-economic analysis of water management options for unconventional natural gas developments in the Marcellus Shale / by Christina Karapataki.		
Online Access	Get this — MIT S·F·X Click button for available online volumes		
	Find it in the library/Request item		
Sheli Location	Institute Archives - Noncirculating Collection 3   Thesis ESD 2012 S.M.		
Published	c2012.		
Format	Book		

### Or from one full record



### A book for Team 2-3

Record 1 out of 1

Author Chellaney, Brahma.

Title Water: Asia's new battleground / Brahma Chellaney.

**Shelf Access** Find it in the library/Request item

Shelf Location Rotch Library - Stacks | TD299.C47 2011

Published Washington, D.C.: Georgetown University Press, c2011.

Description ix, 386 p.: ill., maps; 24 cm.

Format Book

Bibliography Includes bibliographical references and index.

Contents Introduction -- Asia: global water crisis hub -- Murky hydropolitics -- The Tibetan Plateau: the world's most unique water repository -- Exploiting the

riparian advantage: a key test case -- Managing intrastate water conflicts -- Mitigating intercountry water disputes or discord -- Asia's challenge:

forestalling bloodletting over water.

Subject Water-supply -- Asia.

Water -- Government policy -- Asia.

Water rights -- Asia.

### For articles, where to start?

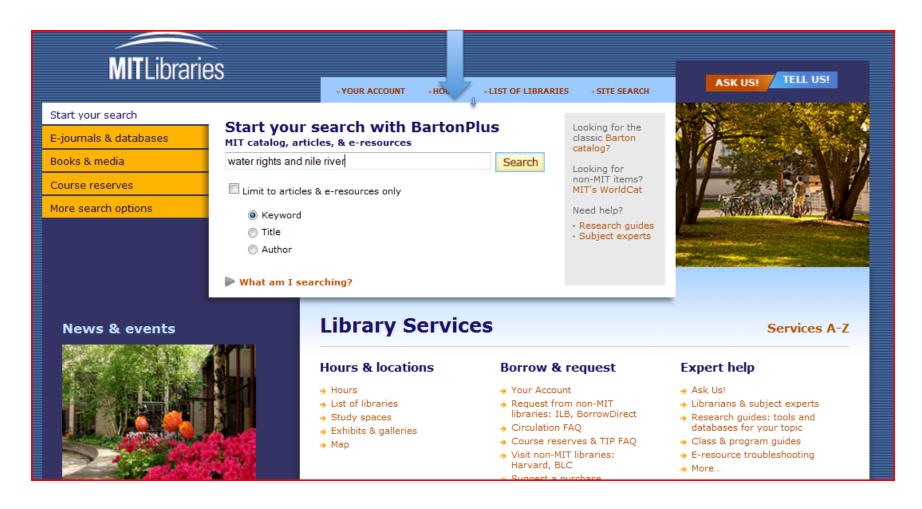
#### Water Resources Abstracts

Basic Search | Advanced ▼ | About

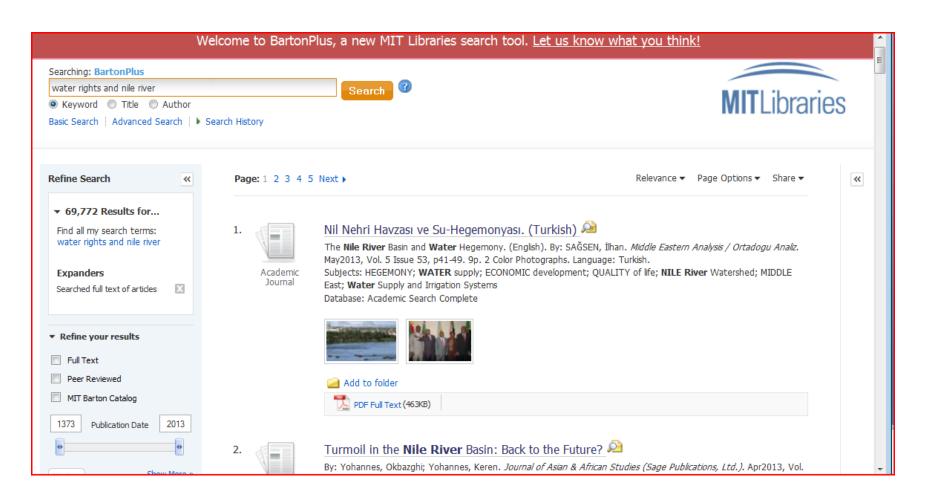
Welcome to BartonPlus,



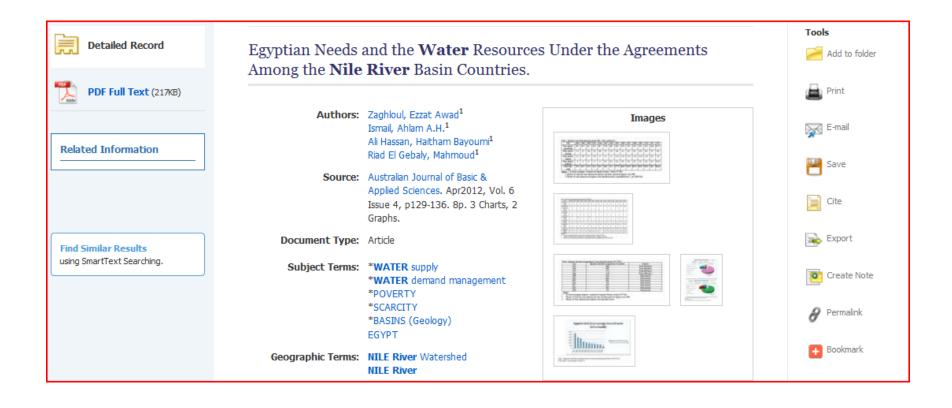
# What is BartonPlus? search water rights and Nile river



# A big list you can browse and cut down



### Pdfs, images and output



### So why library databases?

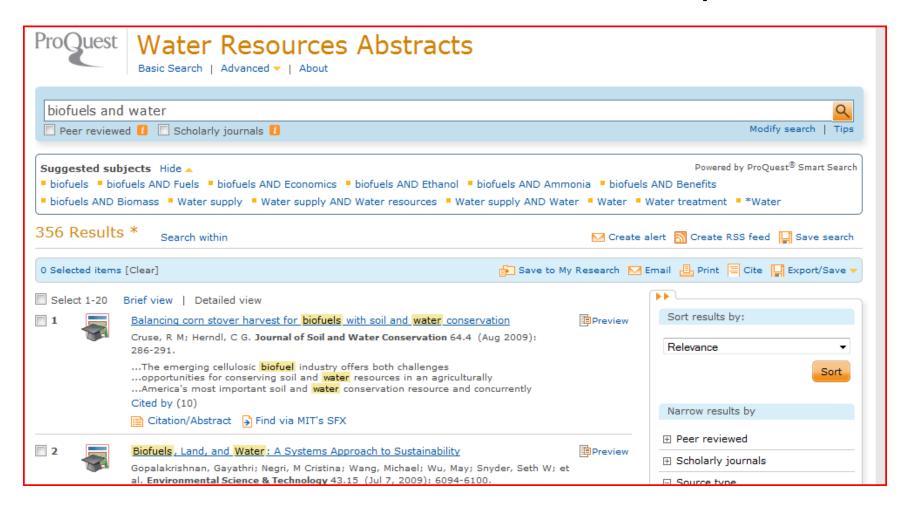
#### Use Databases to Find Articles

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

- Water Resources Abstracts
   Covers all aspects of water resources: supply, treatment, pollution, and more, from 1967+
- 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
- Compendex covers all fields of engineering
- Political Science Complete
   Good source for articles, reference books and conference papers in political science.

### ... they get really focused results

(example: biofuels and water)



### A paper for Team 4

#### Protecting water resources in biofuels production

Huffaker, R 📉. Water Policy 12.1 (2010): 129-134.

Show duplicate items from other databases

Hide highlighting

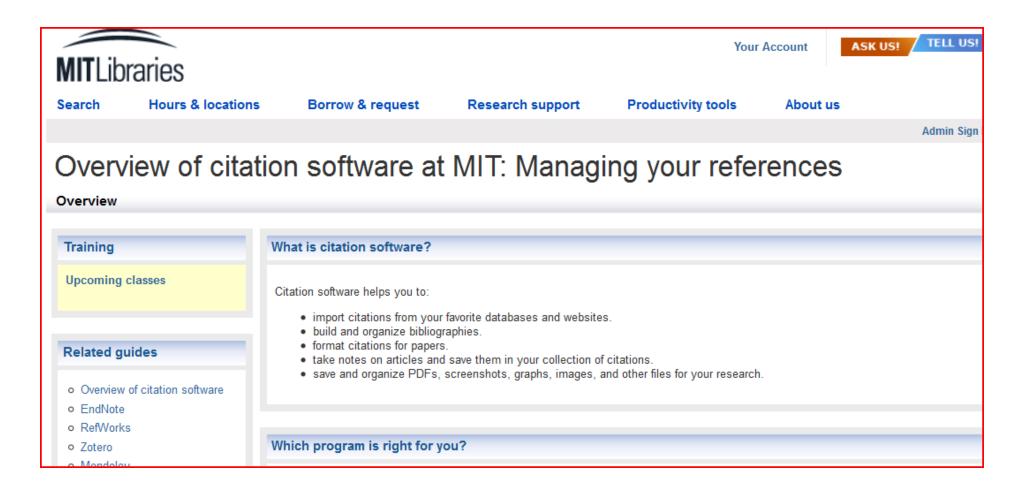
#### ☐ **Abstract (summary)** Translate

The Energy Independence and Security Act of 2007 mandates a five-fold increase in current biofuels production. This will substantially increase the current production of corn-based ethanol despite widespread concerns over its negative impact on the availability and quality of already stressed water resources. The National Academy of Sciences' (NAS) recently-released report on water use in biofuels production (principally corn-based ethanol) proposes improved on-farm irrigation efficiency and water recycling within biorefmeries to reduce the impact on water availability. In a classic case of unintended consequences, we demonstrate that these measures may decrease the sustainability of biofuels production by increasingly stressing water supplies. Instead, these measures may be more effective in reducing the water quality impact of biofuels production--a role that the NAS report does not emphasize.

### What if you still can't see it?

- Be sure MIT subscribes to the journal and the year you need
  - Search in the ejournals bo
  - Search in Barton
- IF we don't subscribe, ask for it on ILB
- Email us

# Where to stash what you find Libraries> Productivity Tools >

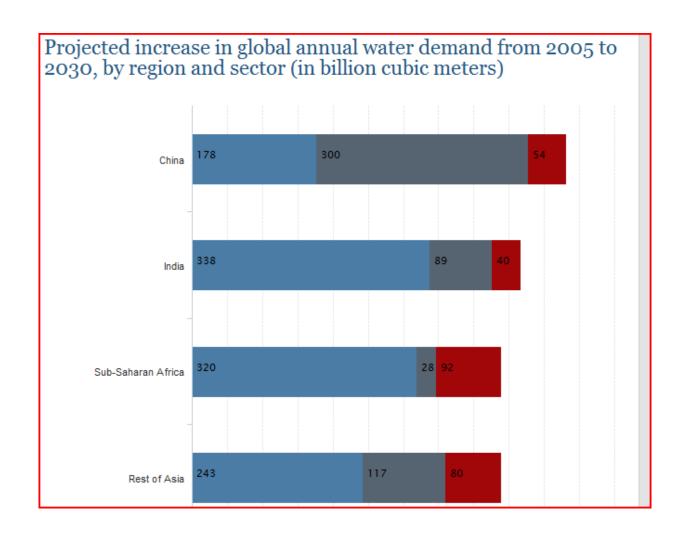


### We have study and practice rooms

Barker's Media Room, 5th floor



### And Statistica



## Any final thoughts or questions?



## 12-lib@mit.edu Enjoy!

MEET the TEAM

