



Effective Use of Electronic Information Resources Brought to You by the U.S. Embassy Addis

Teklemichael Tefera

TeferaT@State.gov

Director, Information Resource Centre (IRC)

U.S. Embassy, Addis Ababa

Outline

2

- Introducing eResources and Access Models
- Familiarize with eResources Brought to you by the US Embassy Addis
- Planning Effective Search Strategies
- Practical Demo of eLibraryUSA databases
- Guidance on Setting-up Access to eLibraryUSA Databases
- Q & A

American Spaces in Ethiopia

3

- Information Resource Center (IRC)
- Addis Ababa Modern American Space
- Jimma American Corner
- Bahir Dar American Corner
- Dire Dawa American Corner

Mission of the American Spaces

4

- Answer questions about the U.S.
- Provide access to information generated in the US
- Serves as public engagement and cultural programming space
- Provide platform for English Language learning
- Provide information and support on US education
- Support alumni engagement

Facilities & Services of the AS

5

- Free Broadband Internet Access, including wifi
- Interactive Language Learning Facility (Trace Effect, Rosetta Stone)
- EducationUSA: Advisory and Support
- Adaptive technologies for people with visual impairment – Sara Scanner, Jaws screen reader
- Online Courses - MOOCS
- Webinars – video webchat
- Digital Video Conferences
- Makerspace technology
- Films shows

What are E-resources?



American Journal of International Law

INSIDE THIS ISSUE

- Congress Underestimated:
The Case of the World Bank
Kristina Daugirdas
- Comments: Self-Defense Against
Nonstate Actors (Continuation
of the Debate)
Dapo Akande and Thomas Liefänder
Dire Tiadi
Mahmoud Hmoud
Daniel Bethlehem
- Featured Decision: *Kiobel*
Ingrid Wuerth



PUBLISHED BY The American Society of International Law

Access Models to E-Resources

7

Free Web Resources

- Via Popular search engines (Google, Yahoo, etc..)
- Free production and use
- No standard or quality control
- Small in proportion

**Give me Google and
that's enough!**

Google is not Enough!

8

- Google **indexes only the visible** web/searchable web
 - The **invisible**/deep web is estimated **500 – 1000 times** bigger than searchable web
- A mix of **bad** and **good**
- Google rank results based on **popularity** not **relevance**
- Google is extremely useful for many purposes, **BUT** be advised to access **quality information** located in deep web for your serious research work

Access Models to E-Resources ...(Cont.)

9

Fee-based Resources

- Provided by commercial providers (EBSCO, Springer, Elsevier, T&F, Daw Jones, etc.)
- Quality controlled
- Access via subscriptions
- Huge in proportion



Searching: [Business Source Premier](#) | [Choose Databases](#)

Enter any words to find books, journals and more

Search



[Search Options](#)

[Basic Search](#)

[Advanced Search](#)

[Search History](#)

Info

Search

QuickView

Bookshelf

Simple Search:

Search

[Advanced](#)

[All Subjects](#)



Have an account?

[Sign In](#)

Academic OneFile

INFOTRAC®

[HOME PAGE](#)

[SUBJECT GUIDE SEARCH](#)

[PUBLICATION SEARCH](#)

[ADVANCED SEARCH](#)

Keyword

Subject

Publication Title

Entire Document

Search for Articles...

☒ to documents with full text



[Content](#)

[Subscriptions](#)

[Services](#)

[News & Support](#)

[Librarian's Corner](#)

[About](#)

[Contact](#)

[Blog](#)

World's Largest Image-based Legal Research Database

Access Models to E-Resources ...(Cont.)

11

Open Access Resources

- ▣ Open Access Journals, Books, Repositories
- ▣ Recent development but growing in proportion
- ▣ Quality information
- ▣ Fee-based production but free for use
- ▣ Best option to access information from the South
- ▣ Alternative to the conventional way of scholarly communication – Expanded research impact

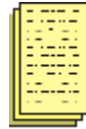
The Conventional Scholarly Communication Model

Limited Access, Limited Research Impact

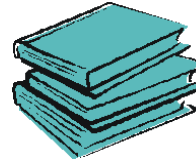
Impact cycle begins:
Research is done



Researchers write pre-refereeing "Pre-Print"



Submitted to Journal



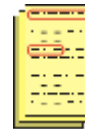
Pre-Print reviewed by Peer Experts – "Peer-Review"



Refereed "Post-Print" Accepted, Published by Journal



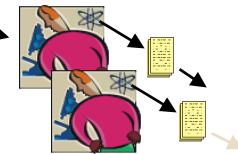
Pre-Print revised by the Author



Researchers can access the Post-Print if their university has subscription to the Journal



New impact cycles:
New research builds on existing one



Enhanced Scholarly Communication Model

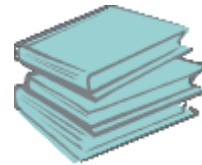
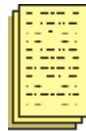
Increased Access, Enhanced Research
Impact

Impact cycle begins:
research is done

Researchers write
pre-refereeing
"Pre-Print"



Submitted to Journal



Pre-Print reviewed by Peer
Experts – "Peer-Review"



Pre-Print revised by the
Authors

Refereed "Post-Print" Accepted,
Certified, Published by Journal



Open Access Journals

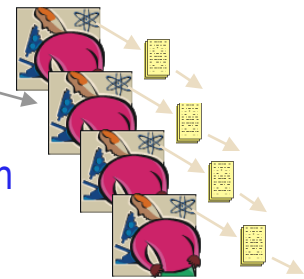
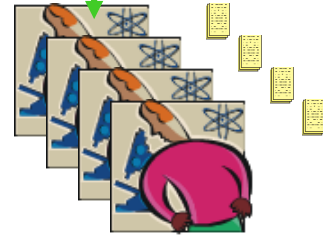
Free access by every one



New impact cycles:
New research builds on
existing research

Post-Print
is deposited in
University's IR

More impact
cycles:



[Search](#)[Browse](#)[Suggest](#)[Support DOAJ](#)[For publishers](#)[About](#)[Contact us](#)[Advanced Search](#)In: ☐ Journals ☐ Articles

9993 journals

5683 journals searchable at article level

[Search](#)[Browse](#)[DOABlog](#)[FAQ](#)[Support](#)[For publishers](#)[Our sponsors](#)[About](#)[Contact](#)[OpenDOAR](#)*Directory of Open Access Repositories*[Home](#) | [Find](#) | [Suggest](#) | [Tools](#) | [FAQ](#) | [About](#) | [Contact Us](#)[Search or Browse for Repositories](#)[Recent Additions](#) [RSS1 Feed](#)

Any Subject Area



Any Content Type



Any Repository Type



Any Country



Any Language



Any Software



Charts



20



per page.

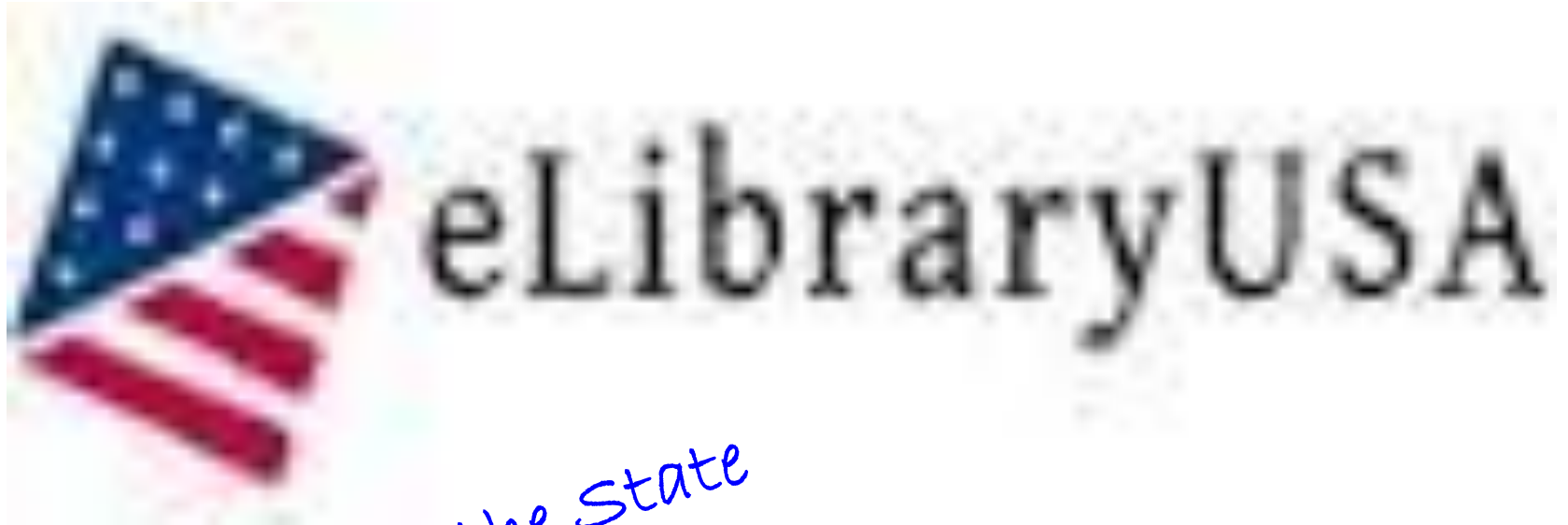
Sort by:

Repository Name



Major Information Resources Brought to You by the U.S. Embassy

15



Licensed by the State
Department

Suite of Over 35
Databases

Major Databases Within eLibraryUSA

16

□ Academic OneFile

- ▣ Over 8,000 academic journal and magazines
- ▣ Over 50 million articles
- ▣ Covers physical and social sciences, technology, medicine, engineering, the arts, technology, and literature subjects

□ CQ Researcher Online

- ▣ Over 40,400 articles
- ▣ Reports covering current and controversial issues in the United States
- ▣ In-depth analysis of political and social issues

Major Databases Within eLibraryUSA

17

□ ebrary

- A collection of over 190,000 ebooks
- Covers history, literature, science and technology and more
- An app is available for iOS and Android phones to download ebooks

□ Gale Virtual Reference Library

- Offers over 65 ebooks and encyclopedias
- Covers science, law, business, travel, the arts, etc

□ ProQuest Research Library

- Over 6,400 academic and general interest journals and magazines
- Covers business, the arts, women's studies, health and medicine, education, literature and languages

Major Databases Within eLibraryUSA

18

□ Global Issues in Context

- Brings together information about issues affecting each country in the world
- Articles from academic journals, newspapers and magazines. It also links to podcasts and videos
- Can be searched by topic or by country

□ General OneFile

- Articles from over 8,800 magazines and newspapers from around the world, including the New York Times
- Transcripts from NPR, Meet the Press, and NBC Nightly News and travel guides

Major Databases Within eLibraryUSA

19

□ GREENR

- Pulls together information about environmental and energy issues
- Articles from academic journals, newspapers and magazines and links to podcasts and videos.

□ ProQuest Dissertations & Theses Global

- Over 1.5 million graduate dissertations and theses from over 700 schools
- The dissertations cover a wide range of topics, from mathematics to business administration to sociology
- You can search by topics and you can also search for work at specific schools

Major Databases Within eLibraryUSA

20

□ JSTOR

- ▣ More than 850 academic journals
- ▣ Covers arts, humanities, social sciences, economics, history, political science, and regional studies

□ Small Business Resource Center

- ▣ It features articles, guides, and sample business plans from over 550 resources
- ▣ Is for entrepreneurs who want to start or manage their businesses

□ EducationUSA

- ▣ Provides accurate, comprehensive, and current information about how to apply to accredited U.S. colleges and universities

Characteristics of E-Resources

21

- Posses basic common functionality
 - ▣ Searchable & browseable
 - ▣ Simple & Advanced search features
 - ▣ Provision of information updates:
 - Alerts (TOC, Keyword) by email
- Different user interfaces & Federated Searching Feature
- Requires **Effective Search Strategy**

Effective Search Strategy Planning

22

1. Define your information need
2. Identify relevant databases for your search
3. Find out how the database work
4. Run your search
5. Review and refine your search
6. Manage Results

Define your Information Need

23

- Identify the **keywords** and **concepts** that describe the information you want
- Identify any **synonyms** for the keywords
- Identify any **alternative spellings** for your keywords

Identify Relevant Database

24

- Select databases based on:
 - Subject coverage
 - Content Type
 - Books Vs Journals
 - Newspapers
 - Thesis and dissertations
 - Statistical data

Find Out How the Database Works

25

How the search tools may interpret your search terms using:

- Boolean operators
- Phrase and proximity searching
- Truncation or wildcard functions
- Field specific searching

Boolean Operators

26

- Use commands (operators) such as:

AND, OR, NOT

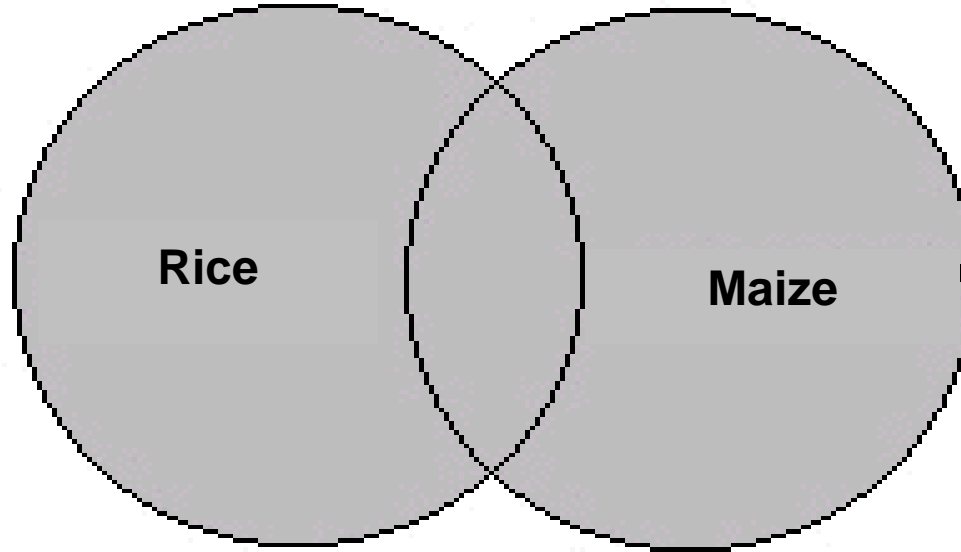
- Different search tools may use different **symbols**

AND or +

NOT or –

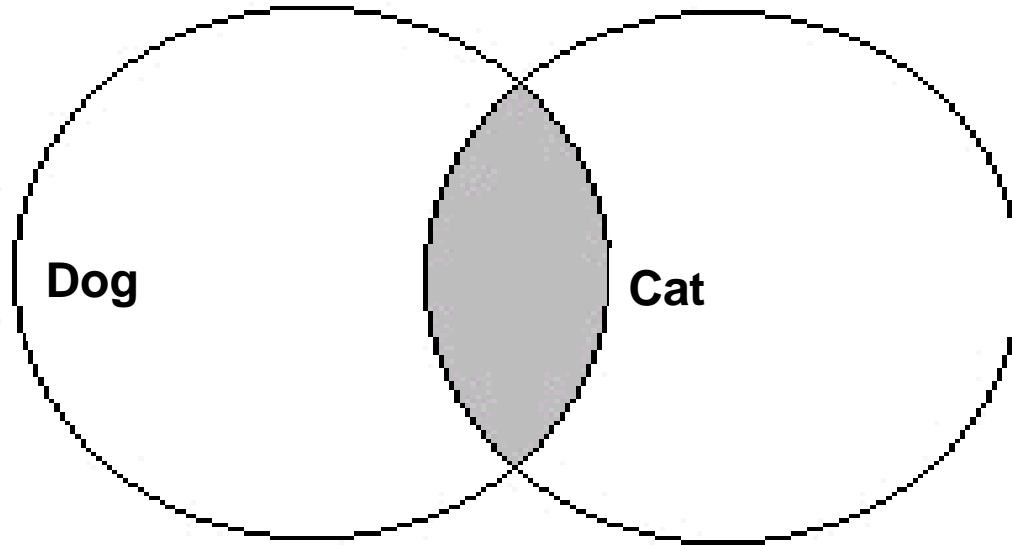
- Different search tools may use **OR or AND** as a **default** setting

OR



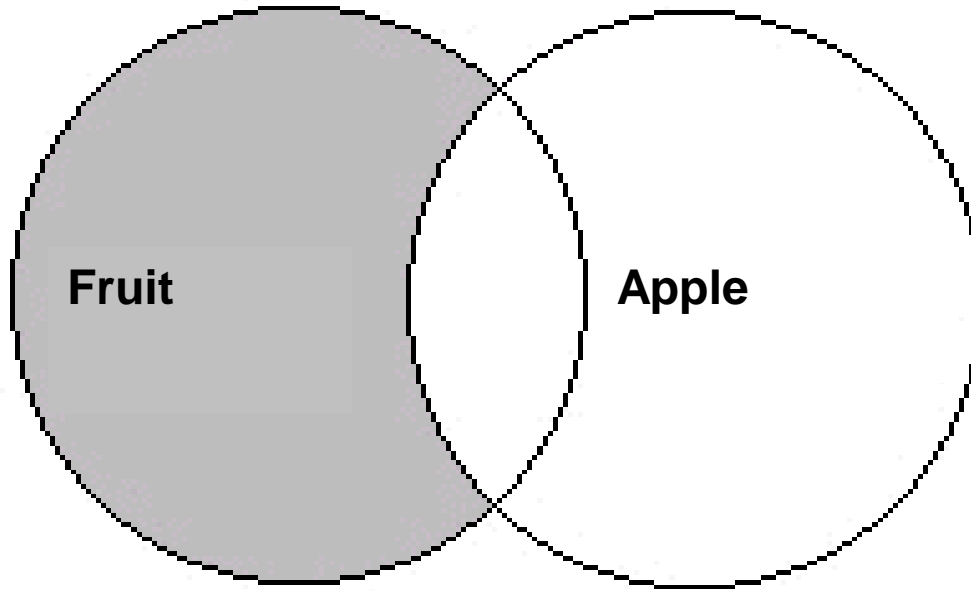
Query: I would like information on **Rice** or **Maize**

AND



Query: I'm interested in the relationship
between **Dog** and **Cat**

NOT



Query: I want information on **Fruit** but I want to avoid seeing anything on **Apple**

Phrase Searching

- If one is interested in ***Maize stem***, searching using the **AND** operator can give false drops

Because:

one of the documents found when searching “**maize AND stem**” describes bacteria infection in **maize ..**

Usually stems from poor disinfecting practices.

- “*Caused by*”

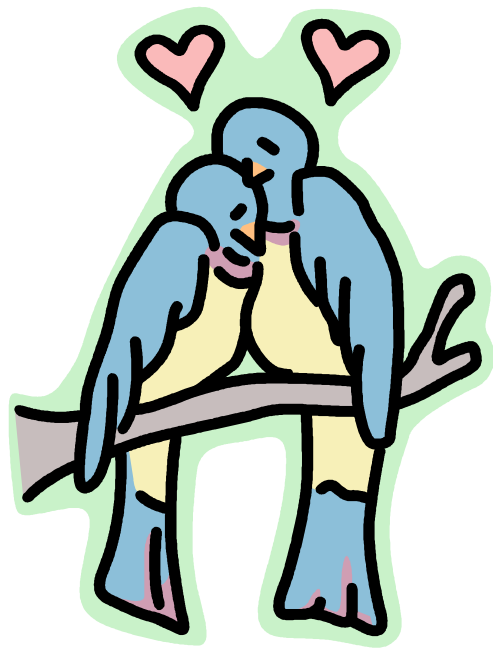
Phrase Searching...(Cont.)

- **Phrase** searching helps to avoid this problem
- Simply, specify that the two words are next to each other by enclosing them in double quotation marks as below:

"Maize stem"

Proximity Searching

32



- Proximity search is used in IR to retrieve documents that have words occurring *near* each other

Nile NEAR Dam

- The distance between keywords can also be specified as

Nile NEAR (5) Dam

Truncation Function

- ▣ Allows you to search **plurals** and **variant endings** of similar root words as in the example below:
 - **Communicat*** ---- Communicate, Communication, Communicative, Communicating
 - **River*** ---- River, Rivers
- ▣ Different search systems use different symbols:
 - * or ? or % or \$

Wildcard Function

- Helps to search for words with **alternate spellings** or substitute for characters anywhere in a word:

Wom?n ----- Woman or Women

Analy?e ----- Analyse or Analyze

- Different search systems use different symbols as:

* or ? or % or \$

Nesting

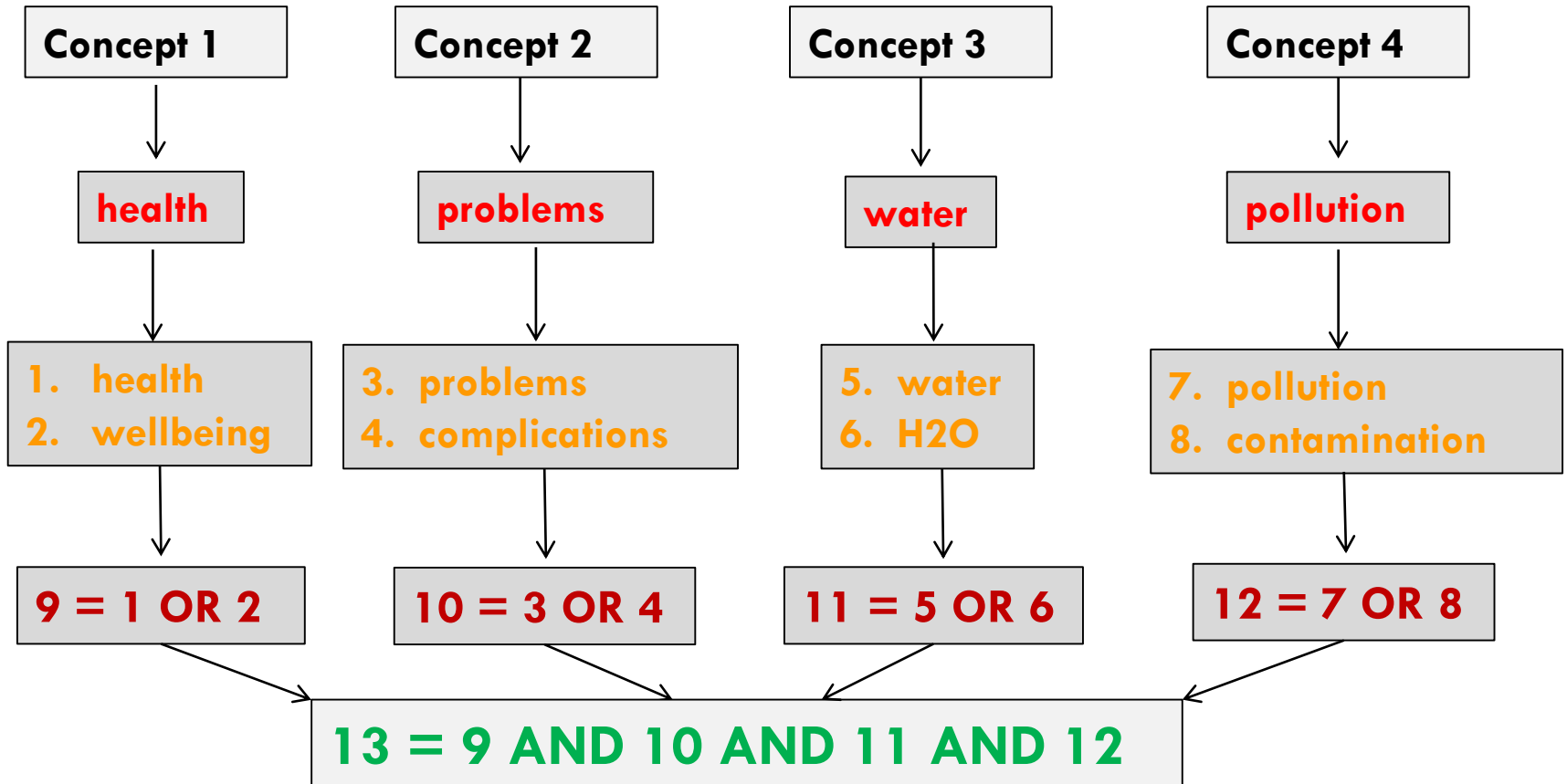
- Queries which mix different *Boolean operators* can be ambiguous
- **Example:** Wind OR solar AND turbine could mean:
 - wind OR (solar AND turbine), or alternatively
 - (wind OR solar) AND turbine
- To avoid such ambiguities, organise search queries by putting in brackets. This is called *nesting* (or *grouping*)

Field Specific Searching

- ▣ One can be more precise by specifying the field in which the word appears, such as in:
 - Author
 - Title
 - Keyword
 - Abstract
 - Full text
 - Date of publication
- ▣ Different fields can be combined using Boolean Operators

Summary of Search Construction

Question: What health problems are associated with water pollution?



Running the Search

38

- Log-on to the search source of your choice
- Enter the terms/keywords you have decided on into the search box
- Use simple or advanced search functions depending on the complexity of your search

Review and Revise Your Search

39

- Review and revise your search scope and strategy in light of the results obtained
 - ▣ Too many results
 - ▣ Too few results
- Try new sources if the results are not good enough
- Evaluate the quality and relevance of information obtained

Manage Results



- Download, print, save or e-mail citations or full text
- Keep references to sources used for citing later – Use free reference management systems
- Save search strategy
- Set up alerts

Evaluate Information Obtained



□ Evaluation criteria:

- Accuracy
- Authority
- Currency
- Coverage
- Objectivity

How Do I Get Access to eLibraryUSA?

- Fill-in the membership form:

<http://ethiopia.usembassy.gov/irc-membership-form.html>

- User ID and Password will be mailed to you
- Let's know if you need any help via our address below:

Information Resource Center (IRC)

U.S. Embassy, Addis Ababa

Tel: 011-130-7031, Fax: 011-124-2454

E-mail: ircaddis@state.gov

Practical Demo - eLibraryUSA

 eLibraryUSA

elibraryusa.state.gov

U.S. Department of State - Office of American Spaces

Share America | EducationUSA

 americanspaces
elibraryusa

Home | Resources | Catalog | Topic Guides | How to Use eLibraryUSA

ABOUT ELIBRARYUSA

eLibraryUSA helps students looking to study in the United States learn how to use academic resources. It is a website provided to members of American Spaces around the world. [Contact us](#) to find out how to get access.



What's New In eLibraryUSA

eLibraryUSA Updates

Resources

Select a subject

Email

Password

Login

[Forgot your password?](#)

TOPIC GUIDES

We offer topic guides that show you how to use eLibraryUSA to find out more about such topics as history and science.

FAQS

If you have a question, we have the answer. Visit our Frequently Asked Questions page to find out how to change your password, what to do if you lose your password, and more.

CATALOG

The eLibraryUSA Catalog contains ebooks and articles from a variety of resources, including academic journals, news sources, ebooks and magazines.

CONTACT US

Contact us if you have any questions or did not receive your password.

HOW TO REGISTER

Find out how and where to register for eLibraryUSA.

UNSUBSCRIBE

If you no longer need your account, let us know.





eLibraryUSA
22k likes
eLibrar

Like Page

Be the first of your friends to like this

start | eLibraryUSA - Google... | Microsoft PowerPoint ... | 10:28 AM

eLibrary USA: elibraryusa.state.gov

44

Here are training passwords:

Username: elutrain1@sent.at

Password: e1train

Username: elutrain2@sent.at

Password: e2train

Username: elutrain3@sent.at

Password: e3train