

# Information Literacy & Reference Management

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The **PASET** Regional Scholarship and Innovation Fund

*An Africa-led initiative to bridge the skills gap in Applied Sciences, Engineering, & Technology*



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## Objective

- This session is meant to introduce information literacy; create awareness of the e-resources available in open access including credible journals to publish in; and free reference management and citation tools.
- The session will also introduce the application of innovative research tools and services.

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## Areas of discussion

### Part A:

- ✓ Introduction to Information Literacy
- ✓ Publishing in open access & identifying predatory journals

### Part B:

- ✓ Maintaining an online scholarly presence
- ✓ Plagiarism & plagiarism detection tools
- ✓ Reference Management and citation tools / Mendeley demonstration

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## Expected outcomes (PART A)

Understand:

- ✓ Concept of Information Literacy
- ✓ Search strategies
- ✓ Search engines
- ✓ Evaluating information critically
- ✓ Credible open access online publishing platforms / predatory journals

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## Information literacy

- ✓ The American Library Association defines **Information Literacy (IL)** as “a set of abilities requiring individuals to recognize when information is needed and have the ability to locate, evaluate and use effectively the needed information” (ALA 2018)
- ✓ Information literacy is **knowing when and why you need information, where to find it, and how to evaluate, use and communicate it in an ethical manner.**

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## Information literate scholars can:

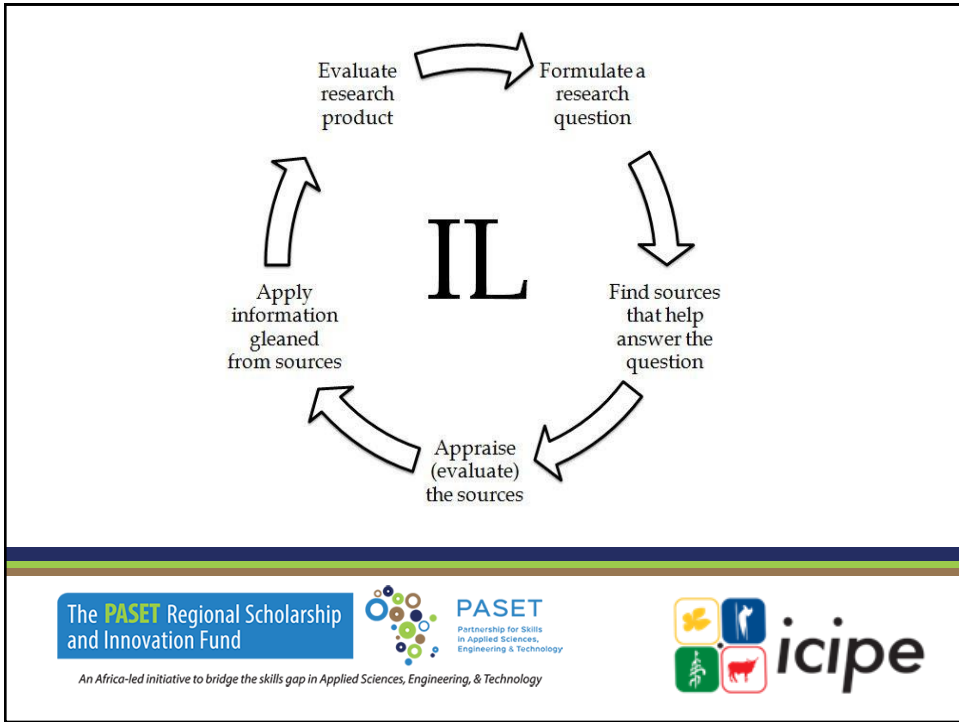
1. Identify the need for information  
*Select a topic*
2. Access information  
*Perform Web and library database searching*
3. Evaluate information critically  
*Determine if sources are relevant, current, reliable*
4. Use information for the specific purpose  
*Write the paper*
5. Use information ethically and legally  
*Correctly compile in-text citations and reference list*

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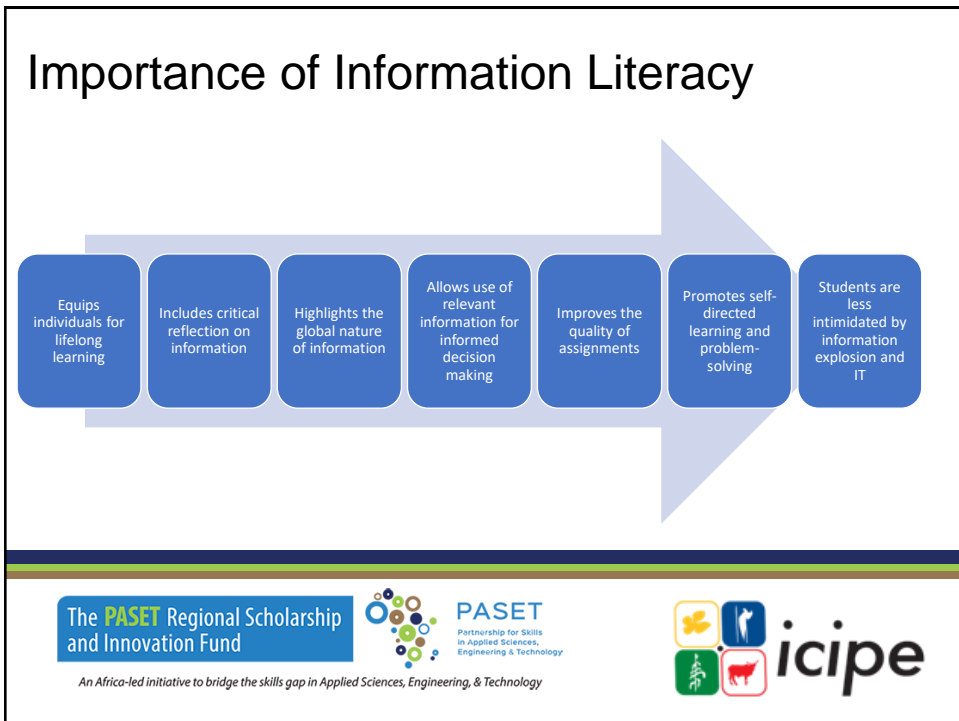
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## Search Strategies

A **search strategy** is a structured organization of terms used to search a database. The search strategy shows how these terms combine to retrieve the **best results**.

Information can be located through use of different tools:

- ✓ Library catalogue - most university libraries use the Online Public Access Catalog (OPAC)
- ✓ Library website
- ✓ Internet search engines

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## Planning a Search Strategies

- **Define your information need:** search terms, key words, synonyms
- **Decide appropriate sources:** websites, databases, journals, books, newspapers, reference resources (encyclopedias, dictionaries) e.t.c.
- **Understand how electronic search tools will interpret your search:**
  - Boolean operators
  - Phrase and proximity searching
  - Truncation or wildcard functions
  - Case sensitivity – upper and lower case in search terms
  - Relevance sorting

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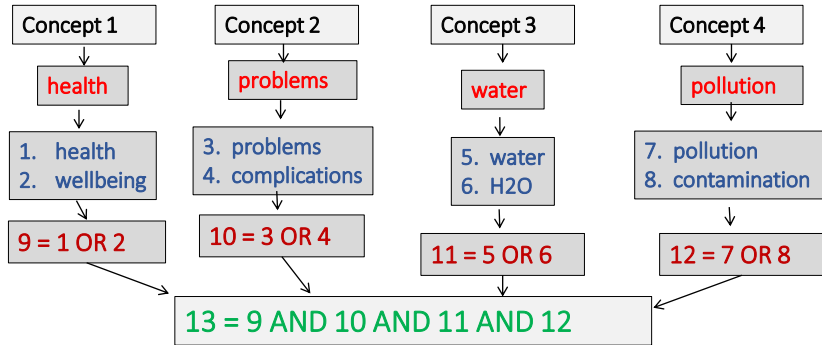
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## Search: construct a search using the appropriate commands and best practices

Question: **What health problems are associated with water pollution?**



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## Revise

Review and refine your search

- ✓ Review/revise your search
- ✓ Keep your search terms in concept and remember to explore subtopics
- ✓ Try new sources of information
- ✓ Save the search and citations for future use
- ✓ Promote use of high-quality resources

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## Manage Results

- Download, print, save, set up alerts
- Cite your sources

## Evaluate Who? What? When? Where? Why?

Defined as the making of judgments about the value, for some purpose, of ideas, works, solutions, methods, material, etc.

- The **purpose** (does it have a scholarly purpose)
- The **authority** (background, credibility, citations)
- **Objectivity** (facts, unbiased)
- **Accuracy** and (reference, evidence of research done)
- **Currency** (up to date, useful for specific search)



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## Search Strategies

### 1. Using Keywords – Free-Text/Natural Language Searching

- A **keyword** is a word or phrase, significant to your search topic, which will enable you to retrieve references. A keyword search uses 'free text' to identify all records containing the word or words that you enter in your search field.
- Results may come from within any part of the record e.g. title; abstract; subject heading within library catalogues, databases and websites.
- **Websites** rely almost exclusively on '**free text**' searching while **databases** will be more likely to be **indexed using controlled vocabulary**



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## Search Strategies

### 2. Using Thesauri - Controlled Vocabulary – Searching

✓ A controlled vocabulary thesaurus is a set of pre-defined terms assigned to describe the content of an article. You can look up your keywords in a subject-specific database thesaurus to find predefined terms (called “**controlled vocabulary**”).

Subject ▾

- pollution (21,678)
- air pollution (19,838)
- environment (8,517)
- water pollution (6,379)
- environnement (5,711)
- environmental sciences (4,852)

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## Search Strategies

### 3. Boolean Logic

The principles of Boolean Logic enable you to relate concepts to one another in sets. Consisting of the 3 logical operators or connectors, **AND**, **OR**, **NOT**, Boolean operators allow you to more efficiently link 2 or more terms, thereby retrieving more precise results.

**AND narrows a search; OR broadens it**, while **NOT excludes references**, containing specified search terms, from your results. These operators will always need to be entered in upper case.

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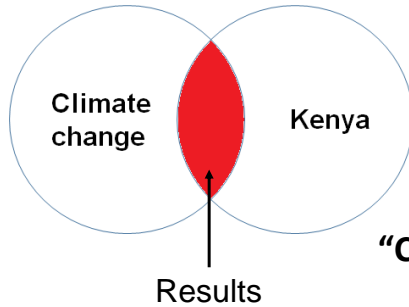


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## Boolean logic: AND

**AND narrows a search:** Finds sources containing two or more ideas and retrieves **only** results that have **both terms**



**“Climate change” AND Kenya**

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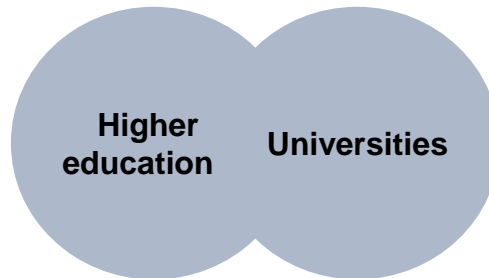
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## Boolean logic: OR

**OR broadens search results:** Finds all sources containing **either** or **all** the terms. Use **OR** in related terms or synonyms.



**“Higher education” OR Universities**

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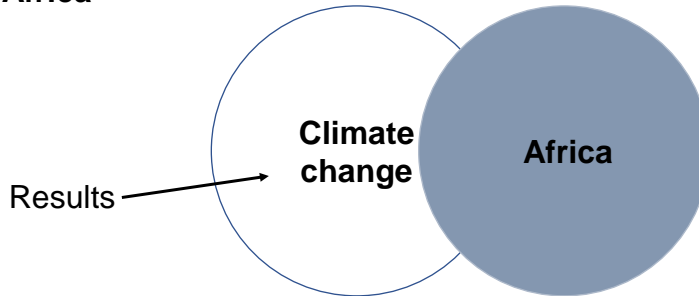
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## Boolean logic: NOT

**NOT excludes results:** Use NOT when you want to exclude some results from your search e.g. **Climate change NOT Africa**



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## Other search strategies

### 4. Phrase or proximity searching: “...” or (...)

Allows you to use a string of words e.g. (water pollution) AND (heavy metals); Genetically Modified Organisms. Results found will highlight the phrase exactly as typed; breast **SAME** cancer; breast **PARAGRAPH** cancer

### 5. Truncation: \*

Allows you to broaden your search using alternative spellings and plurals e.g. river\* for river OR rivers, pesticide\* for pesticide OR pesticides, program\* for programme OR program

### 6. Wildcards / Alternate spellings: ?

Can be used to substitute for spelling variations in a word: wom?n for woman or women; harb?r for harbor or harbour

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## Boolean logic: Practical application

Example:

Emerald advanced search

**“Climate change” AND Kenya**

<https://www.emerald.com/insight/advanced-search>

EBSCO: <http://search.epnet.com/>

**Question: What health problems are associated with water pollution?**

(health OR wellbeing) AND (problems OR complications) AND (pollution OR contamination)

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## Web search engines

A web search engine is a software system that is designed to search for information on the World-Wide Web (www). Information may be a mix of web pages images and other types of files. Some search engines also mine data available in databases.

- Google scholar: <https://scholar.google.com>
- Microsoft academic search: <https://academic.microsoft.com>
- Microsoft Bing: <http://www.bing.com>
- Answers.com: <https://www.answers.com/>
- YouTube: <https://www.youtube.com/>
- Ebsco Discovery Service (paid feature): <https://search.ebscohost.com>
- PubMed: <https://pubmed.ncbi.nlm.nih.gov/>

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# Google search: global warming

The Google search for **global warming** results in general articles including news reports and advertisements from Google.

Web News Images Videos Books More

About 63,300,000 results (0.44 seconds)

**Causes of Global Warming - ciwf.org.uk**  
[www.ciwf.org.uk/global-warming](http://www.ciwf.org.uk/global-warming)  
 Learn what causes global warming! What can be done to help stop it?  
 Compassion in World Farming has 122 followers on Google+  
 Causes of Global Warming - Vast Resource Waste - Environmental Pollution

**Causes of global warming - panda.org**  
[www.panda.org/ClimateChange](http://www.panda.org/ClimateChange)  
 Find out what causes global warming and what is being done to stop it.  
 WWF has 517,743 followers on Google+

**In the news**

**Fla. gov. bans the terms climate change, global warming**  
 USA TODAY - 5 hours ago  
 If Florida Gov. Rick Scott didn't want the terms "climate change" or "global warming" officially ...

**Global Warming Could Hit Rates Unseen in 1000 Years**  
 Scientific American - 6 hours ago

**In Florida, officials ban term 'climate change'**  
 MiamiHerald.com - 2 days ago

**Global Warming Research**  
[www.chathamhouse.org/Global-Warming](http://www.chathamhouse.org/Global-Warming)  
 Researching Climate Change and Low Carbon Growth. Read Expert Analysis

**Climate change denial?**  
[www.ncse.com/climate](http://www.ncse.com/climate)  
 Climate education attacked?  
 Get the scientific facts

**Discussing Global Warming**  
[www.aspenideas.org/GlobalWarming](http://www.aspenideas.org/GlobalWarming)  
 Global warming is a reality.  
 Bill McKibben discusses Climate.

**Fight Global Warming**  
[www.climatepath.org/](http://www.climatepath.org/)  
 Uncover new ways to consume less, projects that reduce your impact.

**Global Warming Is Real**  
[www.ran.org/stop-global-warming](http://www.ran.org/stop-global-warming)

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# Google Scholar: global warming

The Scholar search for **global warming** results in academic/research articles and books where **global warming** is the topic.

Scholar About 1,240,000 results (0.06 sec)

**Articles**

**[book] An inconvenient truth**  
 D Guggenheim, A Gore, L Bender, SZ Burns, L David... - 2006 - certet.unibocconi.it  
 PLOT This film portrays one man's fervent crusade to halt **global warming's** deadly progress by exposing the myths and misconceptions that surround it. Former Vice President Al Gore, in the wake of defeat in the 2000 election, re-set the course of his life to focus on an all-out ...  
 Cited by 224 Related articles All 6 versions Cite Save More

**Fingerprints of global warming on wild animals and plants**  
 TL Root, JT Price, KR Hall, SH Schneider... - Nature, 2003 - nature.com  
 Abstract Over the past 100 years, the **global** average temperature has increased by approximately 0.6 C and is projected to continue to rise at a rapid rate 1. Although species have responded to climatic changes throughout their evolutionary history 2, a primary ...  
 Cited by 2949 Related articles All 13 versions Cite Save

**Economics of Global Warming. The**  
 WR Cline - Peterson Institute Press: All Books, 1992 - ideas.repec.org  
 This award-winning study examines the costs and benefits of an aggressive program of **global** action to limit greenhouse **warming**. An initial chapter summarizes the scientific issues from the standpoint of an economist. The analysis places heavy emphasis on ...  
 Cited by 1746 Related articles All 8 versions Cite Save More

**Acceleration of global warming due to carbon-cycle feedbacks in a coupled climate model**  
 PM Cox, BA Betts, CD Jones, SA Spall, IJ Totterdell - Nature, 2000 - nature.com  
 Abstract The continued increase in the atmospheric concentration of carbon dioxide due to anthropogenic emissions is predicted to lead to significant changes in climate 1. About half of the current emissions are being absorbed by the ocean and by land ecosystems 2, but ...  
 Cited by 2588 Related articles All 16 versions Cite Save More

**Model estimates of CO2 emissions from soil in response to global warming**  
 DS Jenkinson, DE Adams, A Wild - Nature, 1991 - nature.com

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## Subscription resources

Subscription fee is paid to access the resources e.g.



- You can search and access full-text peer reviewed journal articles and e-books with complete text for online viewing, printing or downloading as per publisher's permission.

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## Accessing subscription resources

- Access through IP authentication
- Access via Usernames and Passwords
- Off-campus access through Virtual Private Network
- RSIF has supported AHUs with subscription access to over **45,136 e-resources** (41,926 e-books and 3,210 e-journals)
- Institutions have additional own subscriptions. Contact your Library on access to the resources

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## Free access: Research4life

<https://www.research4life.org>

Research4Life provides institutions in **low-and middle-income countries** with online access to academic and professional peer-reviewed content.



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## Research4life

<https://www.research4life.org>

Since **2002**, Research4Life have provided researchers at more than **10,000 institutions** in over **125 lower- and middle-income countries** with **free** or **low-cost** online access of up to **140,000** leading journals and books in the fields of health, agriculture, environment, applied sciences and legal information.



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There are **five programs** through which users can access content: <https://www.research4life.org/about/programs/>

1. Research for Health ([Hinari](#))
2. Research in Agriculture ([AGORA](#))
3. Research in the Environment ([OARE](#))
4. Research for Development and Innovation ([ARDI](#)) and
5. Research for Global Justice ([GOALI](#))

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## Journals collection A-Z List

extranet.who.int/hinari/en/journals.php

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Research in Health

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**HINARI - Enabling the developing world to access health research**

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<input checked="" type="checkbox"/>	Laboratory Animals (Royal Society of Medicine) v. 35 (2001) - current issue
<input checked="" type="checkbox"/>	Laboratory Investigation (Nature Publishing Group) v. 80 (2000) - current issue
<input type="checkbox"/>	Laboratory Techniques in Biochemistry and Molecular Biology (Elsevier Books) v. 1 (1969) - v. 33 (2009)
<input type="checkbox"/>	Labour Economics (Elsevier Journals) v. 2 (1995) - current issue
<input type="checkbox"/>	Lancet Infectious Diseases (Elsevier Journals) v. 1 (2001) - current issue
<input type="checkbox"/>	Lancet Neurology (Elsevier Journals) v. 1 (2002) - current issue
<input type="checkbox"/>	Lancet Oncology (Elsevier Journals) v. 1 (2000) - current issue
<input type="checkbox"/>	Lancet, The (Elsevier Journals) v. 351 (1998) - current issue
<input type="checkbox"/>	Land Use Policy (Elsevier Journals) v. 12 (1995) - current issue
<input type="checkbox"/>	Landscape and Urban Planning (Elsevier Journals) v. 31 (1995) - current issue
<input type="checkbox"/>	Langenbecks Archives of Surgery (Springer) v. 382 (1997) - current issue
<input type="checkbox"/>	Language & Communication (Elsevier Journals) v. 18 (1998) - current issue
<input checked="" type="checkbox"/>	Language & Education (Taylor & Francis) v. 10 (1996) - current issue
<input checked="" type="checkbox"/>	Language & Intercultural Communication (Taylor & Francis) v. 1 (2001) - current issue
<input checked="" type="checkbox"/>	Language & Speech (Sage Publishing) v. 42 (1999) - current issue
<input checked="" type="checkbox"/>	Language Awareness (Taylor & Francis) v. 7 (1996) - current issue
<input checked="" type="checkbox"/>	Language Culture & Curriculum (Taylor & Francis) v. 11 (1998) - current issue
<input checked="" type="checkbox"/>	Language Learning (John Wiley & Sons) v. 47 (1997) - current issue
<input type="checkbox"/>	Language Sciences (Elsevier Journals) v. 20 (1998) - current issue
<input checked="" type="checkbox"/>	Language Teaching Research (Sage Publishing) v. 3 (1999) - current issue
<input checked="" type="checkbox"/>	Language Testing (Sage Publishing) v. 16 (1999) - current issue
<input checked="" type="checkbox"/>	Language and Linguistics Compass (John Wiley & Sons) v. 1 (2007) - current issue
<input checked="" type="checkbox"/>	Language and Literature (Sage Publishing) v. 8 (1999) - current issue
<input checked="" type="checkbox"/>	Language, Speech, Hearing Services in Schools (American Speech-Language-Hearing Association) v. 1 (1970) - current issue
<input type="checkbox"/>	Large Marine Ecosystems (Elsevier Books) v. 10 (2002) - v. 14 (2006)
<input checked="" type="checkbox"/>	Laryngo-Rhino-Otologie (Thieme) v. 79 (2000) - current issue
<input checked="" type="checkbox"/>	Laryngoscope (John Wiley & Sons) v. 107 (1997) - current issue
<input checked="" type="checkbox"/>	Laryngoscope (Lippincott Williams & Wilkins) v. 110 (2000) - current issue
<input checked="" type="checkbox"/>	Laser Chemistry (Hindawi Publishing Corporation) v. 1 (1982) - current issue
<input type="checkbox"/>	Lasers in Medical Science (Springer) v. 12 (1997) - current issue
<input checked="" type="checkbox"/>	Lasers in Surgery and Medicine (John Wiley & Sons) v. 20 (1997) - current issue

**Green box – access available**  
**! White box – not available**

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**AGORA** 

**• AGORA: agriculture research** (AGORA provides a collection of over 15,500 key journals and up to 48,000 books) in more than 115 countries

[http://agora-journals.fao.org/content/en/country\\_offer.php](http://agora-journals.fao.org/content/en/country_offer.php)

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## Titles Organized Alphabetically

The screenshot shows the AGORA website interface. At the top, there is a navigation bar with the AGORA logo and the tagline "Research in Agriculture". Below the logo, there are links for "About AGORA", "Access the content", "Eligibility", "Partners", "Training Materials", and "FAQs". A "Register for AGORA" button is also visible. The main content area features a search bar and a list of titles organized alphabetically. The "Journals collection" and "Books collection" sections both have alphabetical indices (A-Z) and a "View complete list of" link. A "Search inside AGORA" link is also present. The footer includes "Contact us | Privacy Policy" and "Content supported via World Health Organization architecture © FAO 2012".

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# OARE

research4life  
HINARI · AGORA · OARE · ARDI

- OARE provides developing countries with free or low-cost access to peer-reviewed journals, books and databases on the **environment**—up to 11,500 scientific journals, 27,000 e-books, 40 databases and other information resources in 118 countries. It is led by UN Environment in partnership with leading scientific publishers and Yale University.  
<http://oare.research4life.org/content/en/journals.php>

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OARE  
Research in the Environment

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# ARDI

ARDI The Access to **Research for Development and Innovation (ARDI)** program, coordinated by WIPO together with its partners in the publishing industry, aims to increase the availability of scientific and technical information in developing countries. By improving access to scholarly literature from diverse fields of science and technology, ARDI seeks to:

- ✓ Reinforce the capacity of developing countries to participate in the global knowledge economy; and
- ✓ Support researchers in developing countries in creating and developing new solutions to technical challenges faced on a local and global level <http://ardi.wipo.int/content/en/journals.php>

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ARDI  
Research for Innovation

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Search function provided by Summon Advanced search

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ABCDEFGHIJKLMNOPQRSTUVWXYZ  
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**Books collection**  
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Databases for discovery  
Reference sources

**Free collections**  
-- SELECT FREE COLLECTION --

Partners

Contact us ARDI is administered by the World Intellectual Property Organization  
The ARDI portal is hosted by the World Health Organization

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Publishing in Open Access  
&  
identifying predatory journals

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## Expected outcomes

- ✓ Have basic understanding of Open Access publishing
- ✓ Be able to identify credible Open Access Journals
- ✓ Understand how to spot predatory journals

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## Open access resources

Open access to knowledge is a generic term used for knowledge resources made available in the public domain for public access or public consumption at large scale, **without any hindrance of subscription fee (no cost) or access barriers.**

It is part of a continuum ranging from completely closed, subscription/purchase only access to completely open, **no barrier publishing.**

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## Overview of OA publishing model

- ❖ Free digital content with no access barriers
- ❖ Copyright owner stipulates how content is used using creative commons license

<https://creativecommons.org/licenses/>



- ❖ Author pays Article Processing Charges Vs Subscription where reader pays
- ❖ Usually has an open button 

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## Routes to OA Publishing

- ❖ Gold OA: Publish in OA Journal (DOAJ) or Hybrid Journal
  - ❖ Copyright owner is the author
  - ❖ Publisher PDF permanently and freely available
  - ❖ Article Processing Charge (APC) applicable
  - ❖ Discounts and waivers: Electronic Information for Libraries (EIFL)
  - ❖ Institution and funder agreements eg Taylor & Francis
- ❖ Green OA: Archive a version of author manuscript in IR, website etc
  - ❖ Copyright with publisher
  - ❖ Archived version stipulated: [SHERPA/RoMEO](#)
  - ❖ Embargo period

NB: Discounts and waivers: Eifl ([romy@eifl.net](mailto:romy@eifl.net))

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## Why open access?

- ❖ Visibility and Wider reach
- ❖ Free to share your work
- ❖ More discoverable: no access barriers
- ❖ Comply with funder requirements

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## Why is the choice of journal important?

- ❖ A journal that will present your work in the best way possible
- ❖ Has impact on perception of the research quality
- ❖ Your reputation as a scholar
- ❖ Permanent access to the research
- ❖ The need to avoid publishing in a predatory journal
- ❖ A journal with widest reach

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## Selection tools- “White List”

- ❖ [Directory of Open Access Journals](#)
- ❖ [Scimago](#)
- ❖ [Scopus preview](#)
- ❖ [Web of Science](#)
- ❖ [African Journal Online \(AJOL\)](#)
- ❖ [Other INASP Journal Online Projects](#)

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## Selection tools cont..

Some publishers have a service that aids in selecting a journal

- ❖ [Taylor and Francis Call for papers](#)
- ❖ [Springer Journal Suggester](#)
- ❖ [Elsevier journal finder](#)
- ❖ [Emerald find a journal](#)
- ❖ [Web of Science Match Manuscript](#)
- ❖ Browsing publisher sites by subject

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# DOAJ <https://doaj.org/>

Mining Subject

31 indexed journals

Without article processing charges (APCs) CLEAR ALL

Refine search results

Sort by: Relevance

Results per page: 10

SEE JOURNALS... Without article processing charges (APCs) **Filter**

SUBJECTS: Agriculture, Fine Arts, Education, Technology

**Revista de Metalurgia**  
 Published by Consejo Superior de Investigaciones Científicas in Spain  
 Accepts manuscripts in Spanish, English  
 Technology: Mining engineering, Metallurgy

Page 1 of 4

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# Scimago <https://www.scimagojr.com/>

Earth and Planetary Sciences Geochemistry and Petrology All regions / countries All types 2019

Only Open Access Journals Only ScELO Journals Only WoS Journals

Display journals with at least 0 Citable Docs. (3years) Apply

**Filter by Open Access** **Impact factor**

	Type	SJR	H index	Total Docs. (2019)	Total Docs. (3years)	Total Refs. (2019)	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (3years)	Ref. / Doc. (2019)
1	Geochemical Perspectives Letters	2.573	18	16	104	473	429	95	4.39	29.56
2	Journal of Applied Volcanology	1.642	19	8	40	843	125	38	3.81	105.38
3	International Journal of Mining Science and Technology	1.401	39	124	432	3720	1715	424	4.57	30.00
4	Egyptian Journal of Petroleum	1.044	28	61	303	2340	1558	303	4.05	38.36
5	Solid Earth	0.993	38	113	265	8444	802	265	3.09	74.73

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# Scopus Preview <https://www.scopus.com/home.uri>

Dashboard Author search **Sources**

**2. Search by subject**

**1. Click on Sources**

Subject area

- Agricultural and Biological Sciences
  - Agricultural and Biological Sciences (miscellaneous)
  - Agronomy and Crop Science
  - Animal Science and Zoology
  - Aquatic Science

Improved Citescore  
We have updated the CiteS provides an indication of CiteScore, as well as retroa values have been removed

metric which calculation of i CiteScore

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# Scopus sources <https://www.scopus.com/sources?zone=TopNavBar&origin=sbrowse>

Subject area

Subject: AgronomyAnd Crop Science

Filter refine list

Apply Clear filters

Display options

- Display only Open Access Journals
- Counts for 4-year timeframe
- No minimum selected
- Minimum citations
- Minimum documents

CiteScore highest quartile

- Show only titles in top 10 percent
- 1st quartile
- 2nd quartile
- 3rd quartile
- 4th quartile

Source type

**Display Open Access**

123 results

Download Scopus Source List Learn more about Scopus Source List

	CiteScore	Highest percentile	Citations 2016-19	Documents 2016-19	% Cited
1	7.9	97% 9234	4,328	545	87
2	7.4	96% 13/334	1,718	231	77
3	6.9	97% 4/140	540	78	72
4	6.2	97% 9/402	962	154	78

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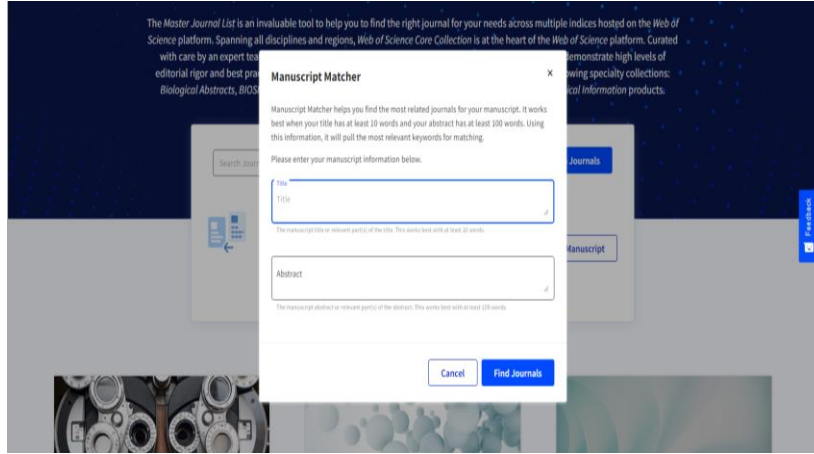
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# Web of Science Manuscript Matcher

<https://mil.clarivate.com/search-results>



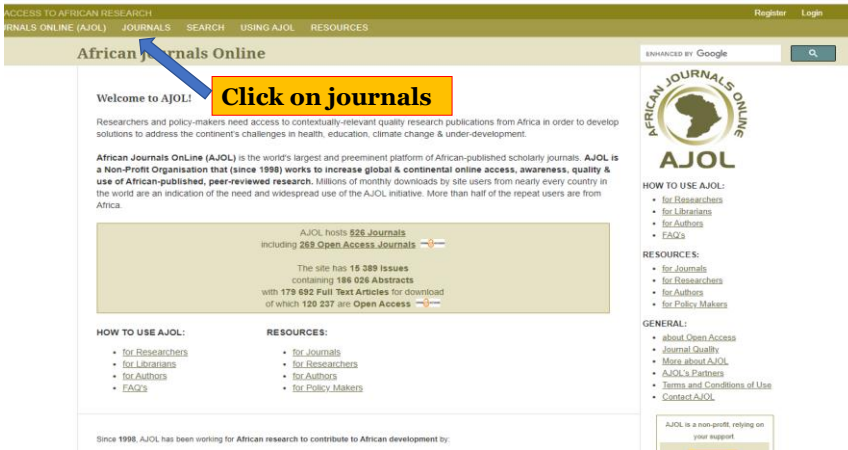
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# AJOL <https://www.ajol.info/index.php/ajol>



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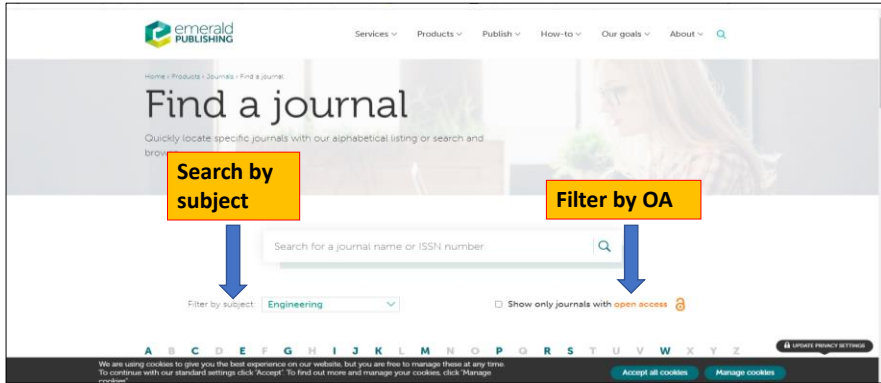
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# Emerald find a journal

<https://www.emeraldgrouppublishing.com/products/journals/find-a-journal>



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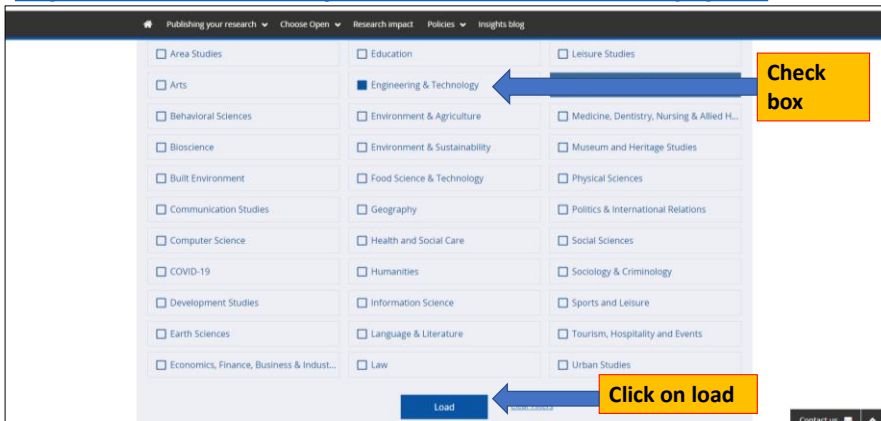
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# Taylor and Francis Call for Papers

<https://authorservices.taylorandfrancis.com/call-for-papers/>



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## Taylor and Francis Journal Suggester

<https://authorservices.taylorandfrancis.com/publishing-your-research/choosing-a-journal/journal-suggester/>

**Paste abstract**

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## Browse Sage by Discipline & Subcategory- Engineering

<https://journals.sagepub.com/action/showPublications>

**Choose Discipline**

**Journal in environmental Health insights**

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## Exercise

Go to journal selection tools and identify some journal titles in your field of study

### Exercise

#### ❖ Web of Science Match Manuscript

- ❖ Login to web of Science
- ❖ Enter manuscript title and abstract
- ❖ Identify an OA journal
- ❖ Check
  - Aims and Scope,
  - Frequency
  - Turn around time
  - APC

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## Exercise – links for identifying journals

- ✓ DOAJ <https://doaj.org/>
- ✓ Scimago <https://www.scimagojr.com/>
- ✓ Scopus Preview <https://www.scopus.com/home.uri>
- ✓ Web of Science Manuscript Matcher <https://mjl.clarivate.com/search-results>
- ✓ African Journal Online (AJOL) <https://www.ajol.info/index.php/ajol>
- ✓ Emerald find a journal  
<https://www.emeraldgrouppublishing.com/products/journals/find-a-journal>
- ✓ Taylor and Francis Call for Papers  
<https://authorservices.taylorandfrancis.com/call-for-papers/>
- ✓ Taylor and Francis Journal Suggester  
<https://authorservices.taylorandfrancis.com/publishing-your-research/choosing-a-journal/journal-suggester/>
- ✓ Elsevier journal finder <http://journalfinder.elsevier.com/>
- ✓ Emerald find a journal  
<https://www.emeraldgrouppublishing.com/products/journals/find-a-journal>

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## Criteria for choosing a journal

Journal information found on Website as:

- ❖ Information for authors
- ❖ About the journal / Journals aims and scope
- ❖ Call for papers / No of issues in a year
- ❖ Type of submission- empirical research, review paper, brief report, thought piece, book review, book chapter?

**NB:** Instructions are journal specific

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## Criteria for choosing a journal cont...

- ❖ Indexing and Visibility? Scopus, Web of Science, Scimago? Pubmed, Medline, Google Scholar?
- ❖ Are there any article processing charges?
  - ❖ APC \$1,000 to \$5,000(EIFL)
  - ❖ Elsevier \$150 and \$9900 US Dollars
  - ❖ [EIFL negotiated APCs?](#)
- ❖ **Any waivers for developing countries?**
  - ❖ (Cambridge, Wiley, Taylor and Francis, Sage, OUP)

**[Journals with waivers/discounts \(https://www.eifl.net\)](https://www.eifl.net)**

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# Taylor & Francis

<https://taylorandfrancis.com/partnership/commercial/accelerated-publication/#track>

Fast Track	Rapid Track
<ul style="list-style-type: none"> <li>❖ Publish in 3-5 weeks from submission*</li> <li>❖ Submission to acceptance: 2-3 weeks</li> <li>❖ 1-2 weeks for peer review†</li> <li>❖ 1 week for author revision</li> <li>❖ Acceptance to online publication: 1-2 weeks, with proofs within 5 working days and 48 hours for author review</li> <li>❖ Cost per article: \$7000 / €6200 / £5500</li> </ul>	<ul style="list-style-type: none"> <li>❖ Publish in 7-9 weeks from submission*</li> <li>❖ Submission to acceptance: 5-6 weeks</li> <li>❖ 3-4 weeks for peer review</li> <li>❖ 2 weeks for author revision</li> <li>❖ Acceptance to online publication: 2-3 weeks, with proofs within 10 working days</li> <li>❖ Cost per article: \$3900 / €3400 / £3000</li> </ul>

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## Before sending your manuscript

- ❖ Good idea to do a cover letter
- ❖ One publisher at a time
- ❖ Obtain co-authors' consent
- ❖ Agree on authorship and order of author list
  - ❖ [International Comm. Of Med. Journals editors](#)
  - ❖ [Harvard Medical School author guidelines](#)
- ❖ Declare any conflict of interest
- ❖ Have plan B incase of rejection

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## Before sending your manuscript cont...

- ❖ Proof read
- ❖ Check against author instructions



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## What to expect after submission

- ❖ Accept
- ❖ Accept with minor revision
- ❖ Accept with major revision
- ❖ Reject

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## Why do articles get rejected?

- ❖ Mismatch between the manuscript and the journal aims and scope.
- ❖ Sent to the wrong journal
- ❖ Not aligned to author instruction
- ❖ Nothing new is found or stated
- ❖ Poor English and language-proof read

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## What are your options if rejected?

- ❖ Review the reasons for the rejection and act
- ❖ Send the paper with no review to another journal


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## Points to note in manuscript submission

- ❖ One publisher at a time
- ❖ Read and understand the publishing contract
- ❖ Corporate email
- ❖ Author list
- ❖ Researcher ID
  - ❖ ORCID (Open Researcher and Contributor ID) 

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## Post publication: what next?

- ❖ Update your scholar profiles
- ❖ Upload in Institutional Repositories

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## Predatory journals

- ✓ Term coined by Jeffrey Beall
- ✓ Corrupt and exploit the author pay model i.e. Open Access
- ✓ Charges without providing value addition services - quality checks, peer review, language editing, formatting etc
- ✓ False or misleading information: Indexing, editorial board, Contact information
- ✓ Aggressive and indiscriminate solicitation of content
- ✓ Lack of transparency in APCs

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## Predatory journals cont...

- ❖ Bealls list of predatory journals and publishers
  - ❖ <https://beallslist.net/>
- ❖ Cabell's list of predatory journals
- ❖ If it claims to be indexed by a reputable database (e.g. ones from EBSCO, ProQuest, Thompson Reuters, etc.), verify



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## Why are they so tempting?

Credible journals



Peer review, Revisions, Rejections

Predatory journals



Greetings, We Adore Your Research!

Image source: <https://blogs.iwatch.org/>

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## Publishing FAQs

**Q:** Some article processing charges are prohibitive

**A:** Check if there is:

- ✓ Waiver for developing countries – Electronic information for Libraries (EIFL)
- ✓ Budget – research institutions usually has provision for this

**Q:** There is misconception that OA journals are of lower quality

**A:** Not all OA journals are questionable. However, the model of OA publishing is vulnerable and thus easily abused. There is great advocacy in OA publishing and in equal measure advocacy on platforms like DOAJ and selection tools to help filter out credible journals

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## Publishing FAQs cont...

**Q:** What happens if as a young researcher I had already submitted in a predatory journal from not knowing they exist?

**A:** Unfortunately, it might not be possible to retract, as a lot of predatory journals would not have policies in place – including procedures for retracting. They may not even be willing to engage with you after you have paid. Once the paper is published, you can't publish it elsewhere! For mainstream journals, there is usually policy on retracting. Be on the look out.

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## Conclusion

It is hoped that you have gained an introductory understanding of:

- ✓ Concept of Information Literacy
- ✓ Search strategies
- ✓ Search engines
- ✓ Evaluating information critically, and
- ✓ Credible open access online publishing platforms / predatory journals

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# References

- ❖ [Editorial decision-making: what are the possible outcomes for a manuscript?](#)
- ❖ [Think. Check. Submit.](#)
- ❖ [Scimago Journal & Country Rank](#)
- ❖ [Taylor and Francis Author Services](#)
- ❖ [AuthorAid](#)
- ❖ [Criteria for Determining Predatory Open-Access Publishers](#)
- ❖ <https://creativecommons.org/licenses/>



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# Acknowledgement

## Donors directly providing financial support to *icipe*



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# PART B: Innovative online scholarly tools, Understanding plagiarism & Reference management software

Mary Ngure

*Information Resource Centre (IRC) Coordinator*

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## Expected outcomes (PART B)

Understand:

- ✓ Tools for online scholarly presence
- ✓ What entails plagiarism and tools for plagiarism check
- ✓ Reference management and citation tools to cite while you write and create bibliographies

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# Online Scholarly Presence

ACADEMIA



Google Scholar

ResearchGate

Scopus



A professional online presence allows scholars and researchers to increase the visibility of their publications and to network, finding potential collaborators, readers and funders.

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## Why do you need an online presence?

- ✓ Scholarship is increasingly 'going digital' – academic networks, profiles, online journals e.t.c
- ✓ To showcase value of your scholarly activity
- ✓ For collaboration and shared learning
- ✓ Build connections with potential funders
- ✓ To **stand out** from the crowd



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## Need For Online Scholarly Presence

“If you don’t manage your online presence, then you are allowing search engines to create it for you.” Marshall, K. (2015)

[How to maintain your digital identity as an academic](#)

7 out of 10 people who use the internet have searched for information about other people.

The expectation is that you can be found online

(From: Google y la reputación en línea del usuario; available at: <http://blogs.eset-la.com/laboratorio/2012/08/13/google-reputacion-linea-usuario/>)

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## Need For Online Scholarly Presence cont...



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# Online Scholarly Presence

Do you know how you appear online?



## Google yourself!!!

- You should have increased discoverability
- Consistent scholarly communication with others
- Less or no false/misleading information
- Possible creation of research relationships

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# Online Scholarly Presence platforms

Platform	Purpose	Caveats	Personas
<a href="#">ORCID</a>	ORCID is a cross-disciplinary service that creates and maintains a registry of unique researcher identifiers and then links research output to these identifiers	Free for individuals / subscription fees for organizations	Formal
<a href="#">Google Scholar</a>	Google Scholar profile is public and allows you to track the number of citations to your articles and calculate your citation metrics	Anyone can see the number of times your work has been cited	Formal

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## Online Scholarly Presence Platforms

Platform	Purpose	Caveats	Personas
<a href="#">LinkedIn</a>	LinkedIn is a social networking tool for professionals that is especially useful for promoting your image and finding out about potential employers / employees	Premium accounts available for a fee, starting at \$29.99/month	Networked
<a href="#">Academia.edu</a>	The purpose of academia.edu is to allow academics to share their research, monitor the impact of their research, and track the research of other academics that they follow	Has one of the largest membership bases, subscription for most features	Networked
<a href="#">ResearchGate</a>	ResearchGate is a social networking tool for scientists and researchers that provide the opportunity to connect and collaborate, make your research visible, and obtain statistics and metrics.	Very interactive, oriented towards collaboration and discovery	Networked

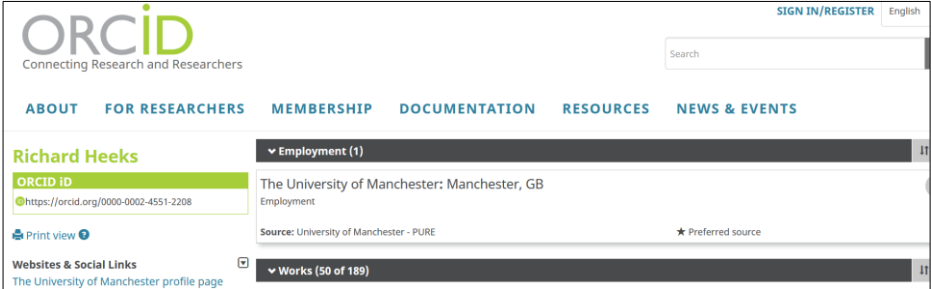
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Connecting Research and Researchers

## ORCID Overview


ORCID is a **unique digital identifier that distinguishes you from every other researcher** <https://orcid.org/>




The screenshot shows the ORCID profile for Richard Heeks. It includes the ORCID ID (https://orcid.org/0000-0002-4551-2208), a list of employment records (The University of Manchester), and a list of works (50 of 189). The profile is set to English and has a preferred source of University of Manchester - PURE.



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# ORCID

[https://www.youtube.com/watch?v=a1Rijk\\_TMHA](https://www.youtube.com/watch?v=a1Rijk_TMHA) (4 mins video)

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# Google Scholar

Create profile: <http://scholar.google.com>

**Richard Heeks**

Chair, Digital Development, [University of Manchester](#)  
Verified email at manchester.ac.uk - [Homepage](#)

ICT4D Development Informatics Information Systems Development Studies  
Digital Development

[FOLLOW](#)

	Cited by	
	All	Since 2016
Citations	24811	9894
h-index	67	47
i10-index	200	131

TITLE	CITED BY	YEAR
Digital Platforms and Institutional Voids in Developing Countries: The case of ride-hailing markets	2021	

R Heeks, JE Gomez-Morantes, M Graham, K Howson, P Mungal, ...  
World Development 145, 105528

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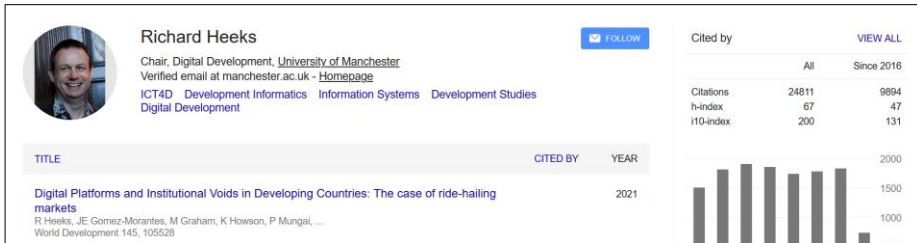
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# LinkedIn

Create profile: <http://www.linkedin.com/>



**Richard Heeks** FOLLOW

Chair, Digital Development, [University of Manchester](#)  
 Verified email at manchester.ac.uk - [Homepage](#)  
 ICT4D Development Informatics Information Systems Development Studies  
 Digital Development

**Cited by** VIEW ALL

	All	Since 2016
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i10-index	200	131

**TITLE** **CITED BY** **YEAR**

**Digital Platforms and Institutional Voids in Developing Countries: The case of ride-hailing markets** 2021

R Heeks, JE Gomez-Morantes, M Graham, K Howson, P Mungai, ...  
 World Development 145, 105529

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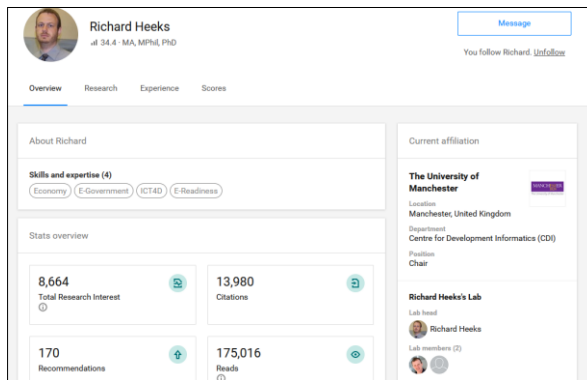
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# ResearchGate

Create profile: <http://www.researchgate.net/>



**Richard Heeks** Message  
 at 34.4 - MA, MPhil, PhD You follow Richard. Unfollow

**About Richard**

**Skills and expertise (4)**  
 Economy E-Government ICT4D E-Readiness

**Stats overview**

8,664 Total Research Interest	13,980 Citations
170 Recommendations	175,016 Reads

**Current affiliation**

**The University of Manchester**  
 Location: Manchester, United Kingdom  
 Department: Centre for Development Informatics (CDI)  
 Position: Chair

**Richard Heeks's Lab**  
 Lab head: Richard Heeks  
 Lab members (2)

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# Academia.edu

Create profile: <http://www.academia.edu/>

The screenshot shows a web browser window with the URL <https://manchester.academia.edu/RichardHeeks>. The page header includes navigation tabs for 'Research', 'Author', and 'Impact', a search bar, and a 'PREMIUM' badge. The profile for Richard Heeks is displayed, featuring a profile picture, his name, affiliation with 'The University of Manchester, IDPM: Institute for Development Policy and Management, F...', and statistics: '744 Followers', '0 Following', '16 Co-authors', and '20,455 Total Views'. There are buttons for '+ FOLLOW' and 'MESSAGE', along with social media icons for LinkedIn, Twitter, Facebook, and YouTube.

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## Key Questions for self

1. Do I have scholarly online presence?
2. Which platforms have I put in place already?
3. Which additional ones do I need to put in place?
4. Am I up-to-date in all the platforms?

**Remember:** Publish – update!

Change jobs - update!

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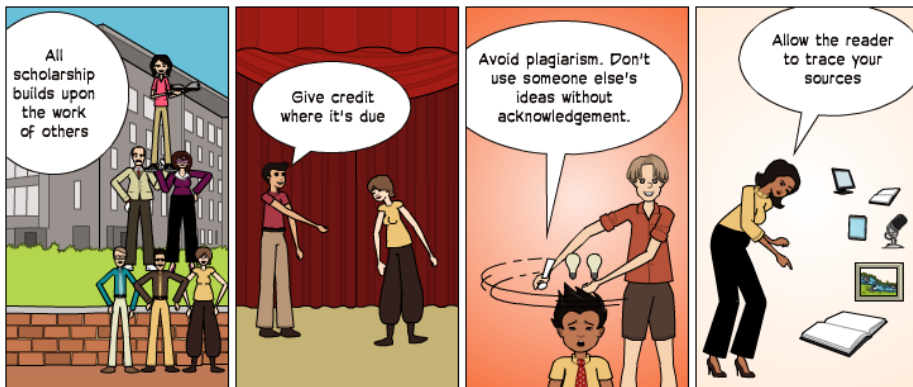
# Understanding plagiarism & Reference management software

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## What constitutes plagiarism

- **Copy and pasting from a source**
- **Concealing source:** deliberately not referencing other works
- **Mis-interpreting common knowledge:** bending facts to suit your argument
- **Self plagiarism:** using a large portion of work that you have previously submitted as an assignment
- **Failure to acknowledge** another writer's work or ideas

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## Reference management software

- Tools that help scholars to create and manage their lists of references for research projects
- Many search tools provide ways to download references into reference management tools
- If you do not acknowledge another writer's work or ideas, you could be accused of **plagiarism**

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## Why we cite

- Accurate referencing reflects good academic practice and shows that your writing is based on knowledge and informed by appropriate academic reading
- Consistent and persuasive argument
- For academic convention – get marks
- Avoid plagiarism

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## Paraphrasing

“The number of foreign and domestic tourists in the Netherlands rose above 42 million in 2017, an increase of 9% and the sharpest growth rate since 2006, the national statistics office CBS reported on Wednesday” (DutchNews.nl, 2018).

According to the National Statistics Office, the Netherlands experienced dramatic growth in tourist numbers in 2017. More than 42 million tourists travelled to or within the Netherlands that year, representing a 9% increase—the steepest in 12 years ([DutchNews.nl](https://www.dutchnews.nl), 2018).

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## Plagiarism detection software

- Turnitin  
<https://www.turnitin.com>
- Grammarly plagiarism checker:  
<https://www.grammarly.com>

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## Citation styles

There are different citation styles, and they vary by academic **discipline** including:

1. **APA** (American Psychological Association) used by Education, Psychology, and Sciences
2. **MLA (Modern Language Association)** style used by Humanities
3. **Chicago/Turabian** style is generally used by Business, History, and the Fine Arts
4. **IEEE (Institute for Electrical and Electronics Engineers)** - a professional organization supporting many branches of engineering, computer science, and information technology in addition to publishing journals, magazines, and conference proceedings

\*Consult with your school / supervisor on what is required in your specific course.







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## Citation and Referencing Software

Free	 
Subscription	   

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## Technical specification

	Operating System	Mobile App	Max. Online Storage
<b>EndNote</b>	Desktop: Windows, Mac Web: platform independent	EndNote for iPad Synchronisation with EndNote Web EndNote Web Mobile (Browser version for mobile devices)	Web: 5 GB Basic: 2 GB
<b>Mendeley</b>	Desktop: Windows, Mac, Linux Web: platform independent	Mendeley for iPhone / iPod Touch / iPad (limited functionality) Synchronisation with Web Account	Free version 2 GB
<b>Zotero</b>	Firefox Extension Web: platform independent Standalone Version: Windows, Mac, Linux	Third party apps, e.g. Zandy, ZotPad	> Free version 300 MB "file storage" (PDFs etc.) > Unlimited for "data syncing" (references)


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# Mendeley introduction




**What is Mendeley?**

Mendeley is a free reference manager that enables you to manage your research, showcase your work, connect and collaborate with other researchers worldwide. Mendeley has 2.5 Million users.


- Download **Mendeley** and install on your device (Windows, macOS or Linux): <https://www.mendeley.com/downloads>
- To be able to cite as you write, generate citations and bibliographies and change your citation style, install **Mendeley citation plug-in**: <https://www.mendeley.com/reference-management/mendeley-cite>
- To import papers, web pages and other documents directly into your reference library from search engines and academic databases, download and install **Mendeley web importer**: <https://www.mendeley.com/reference-management/web-importer>

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icipe African Insect Science for Food and Health

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Desktop



Web



iOS



Android



Citation Plugin



Groups



Private Groups



CSL Editor  
(Citation Style Language)

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# Exercise

Install **Mendeley desktop** and **browser add-on**, & **word plugin**; then:

- Find articles
- Save to 'my Library'
- Cite article using Mendeley
- Generate bibliography

<https://www.mendeley.com>

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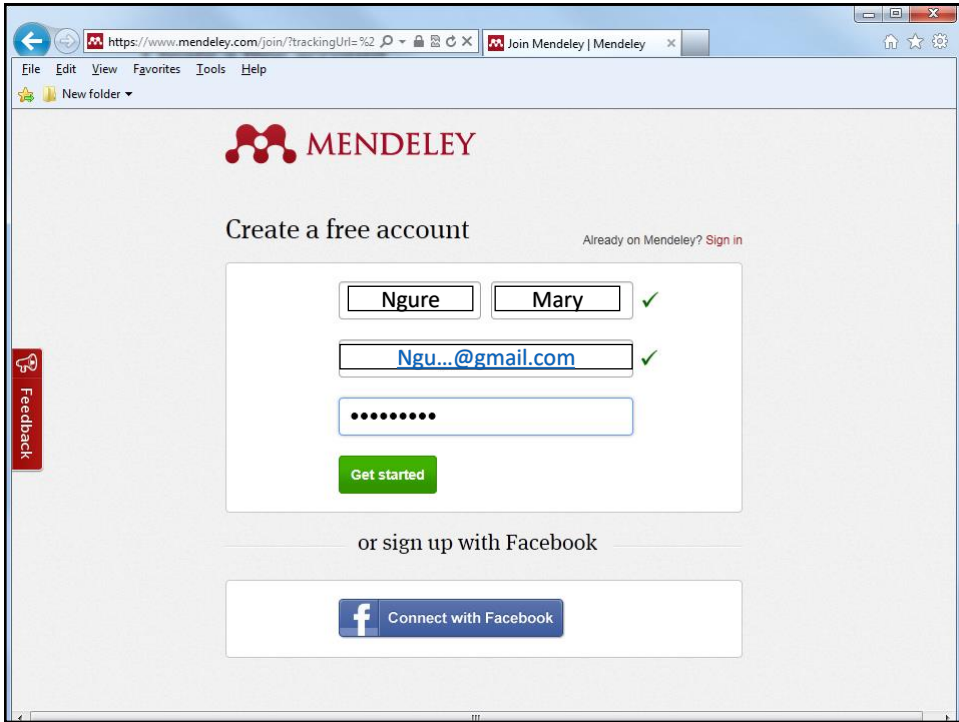
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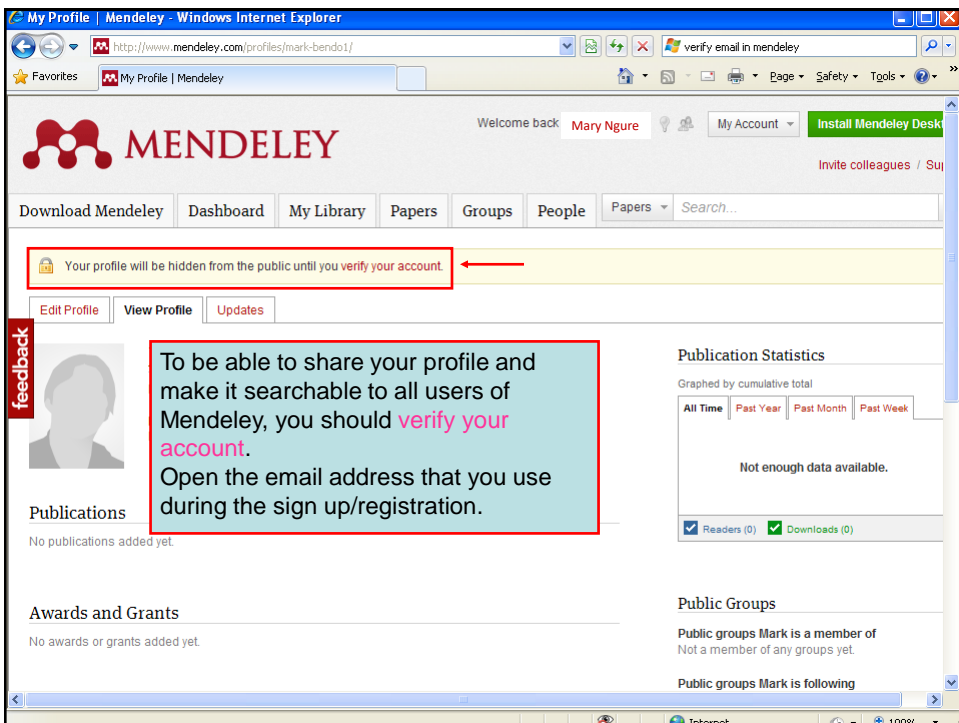
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The screenshot shows the Mendeley website homepage in a browser window. The URL bar shows <http://www.mendeley.com/>. The page features the Mendeley logo, a navigation menu, and a main heading: "Your research, anywhere. For students and researchers". Below this, it states: "Mendeley is a free reference manager and academic social network. Make your own fully-searchable library in seconds, cite as you write, and read and annotate your PDFs on any device." At the bottom left, there is a red button that says "Create a free account". A white callout box with a black border is overlaid on the right side of the page, containing the text: "To use Mendeley, go to the following address: <http://www.mendeley.com> From the Mendeley homepage, click on Create a free account." A white arrow points from the callout box to the "Create a free account" button.

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This is the Web version of Mendeley which is used to manage your papers online.

Tabbed menu or Resources

Main menu or Function menu

My Library/ Collections

References

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Desktop version of Mendeley which is used to manage, annotate and cite your research papers offline.

Collections

Filters

References

Reference details

Authors	Title	Year	Publish
Barrington, ...	Racial/Ethnic Disparities in Obesity Among US-b...	2009	Obesity (Silver S
Bodenreider...	A fluorescence quenching assay to dis...	2009	Anal Biochem
Bodenreider...	A fluorescence quenching assay to dis...	2009	Anal Biochem
...	...	2009	Biochem
Butler, Kare...	evidence-based smoking	2012	The
Domingo, C...	Molecular and serologic markers of acute deng...	2009	Diagn Microbio
Domingo, C...	Molecular and serologic markers of acute deng...	2009	Diagn Microbio
Duchesne, ...	Impact of obesity in damage control laparot...	2009	J Trauma
Duchesne, ...	Impact of obesity in damage control laparot...	2009	J Trauma
Duchesne, ...	Impact of obesity in damage control laparot...	2009	J Trauma
Fineberg, H V	Preparing for avian influenza: lessons from ...	2008	J Infect

1 of 47 documents selected

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# Building your Mendeley Library

You can build your Library in various ways:

1. Drag and drop PDFs in Mendeley Desktop
2. Add a PDF or folder of PDFs: File > Add file / folder
3. Adding through web-importer
4. Export reference from online and import to Mendeley desktop
5. Adding through Google Scholar
6. Manual entry
7. Search references within the Mendeley website

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## Mendeley Help Guides

- ✓ Mendeley Help Guides – desktop and web options. Available at: <https://www.mendeley.com/guides>
- ✓ *The Publication Manual of the American Psychological Association (APA)*
- ✓ APA 7th Citation Examples: <https://pitt.libguides.com/citationhelp/apa7>
- ✓ MLA citation Examples: <https://pitt.libguides.com/citationhelp/mla8thedition>
- ✓ Chicago citation style: <https://pitt.libguides.com/c.php?g=12108&p=64732>
- ✓ IEEE citation style: <https://pitt.libguides.com/citationhelp/ieee>
- ✓ IEEE Editorial Style Manual: [http://ieeauthorcenter.ieee.org/wp-content/uploads/IEEE\\_Style\\_Manual.pdf](http://ieeauthorcenter.ieee.org/wp-content/uploads/IEEE_Style_Manual.pdf)

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# References

Grassian, Esther. "Thinking Critically about World Wide Web Resources." 20Feb 1997. Online. Internet. [June 15, 1997]. Available <https://www.msca.org/page/Article0002>

VCU Libraries "Critically Evaluating Websites" (2017) YouTube: <https://www.youtube.com/watch?v=xBnIIA4x1Xk>



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# Acknowledgement

Donors directly providing financial support to icipe



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