

Discovering the World of Information

Workshop for the Year 10, Park Lane International School, 26.1.2018

Pavína Tassanyi, Filip Strych
National Library of Technology

Why are we here today?

- Evaluating information
- Where to search for information (NTK, Google)
- Search tools – Search like an expert!
- Online encyclopedias (Wikipedia and Britannica)

How to identify a reliable source?

How to identify a reliable source?

Daenerys: I cannot have children ☹️

Jon: Who told you that?

Daenerys: The witch who murdered my husband

Jon: Has it occurred to you she might not have been a reliable source of information?

It's a CRAAP!

To be sure, follow the CRAAP

Currency
Relevance
Accuracy
Authority
Purpose

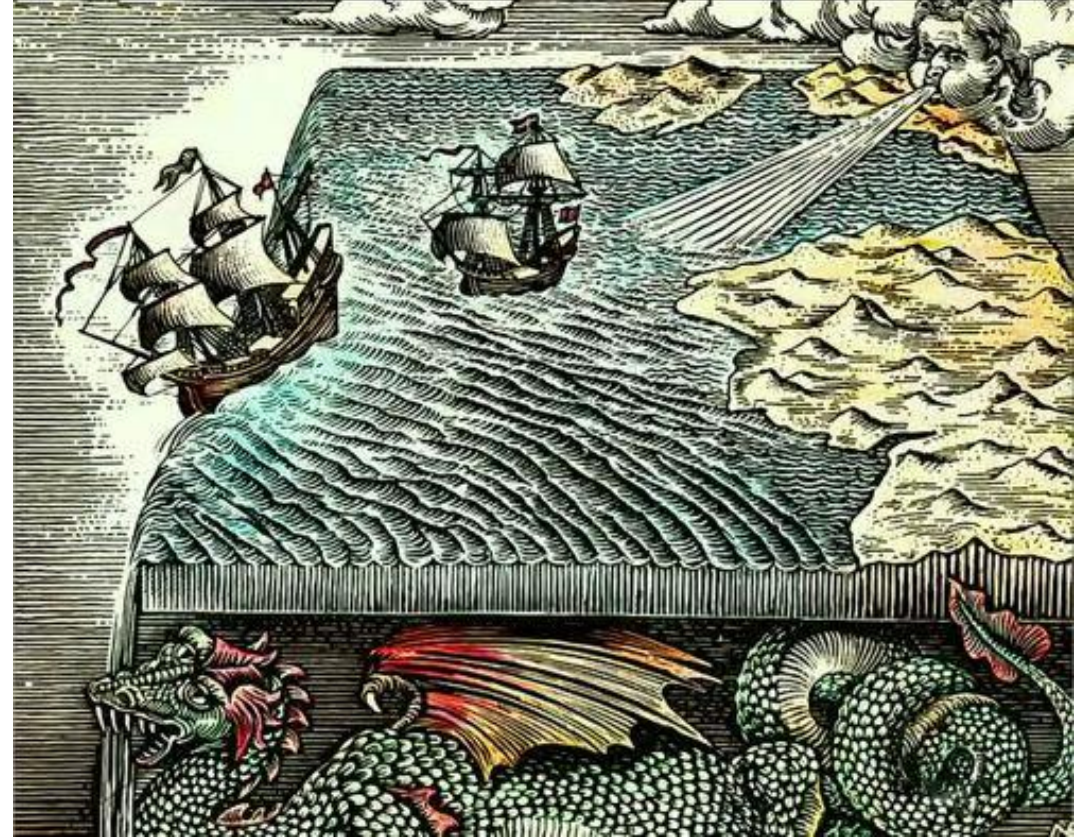
CRAAP filter



„Game of Thrones“ Emilia Clarke selfie with Kit Harington on Instagram - INSIDER [online]. [vid. 2017-09-26]. Available from: <http://www.thisisinsider.com/game-of-thrones-emilia-clarke-kit-harington-selfie-jon-daenerys-2017-8>

It's a CRAAP!

- **Currency:** *The timeliness of the information*
- When was the information published or posted?
- Has the information been revised or updated?
- Does your topic require current information, or will older sources work as well?
- Are the links functional?



The Flat Earth Society: About [online]. [vid. 2017-03-01]. Available from: <https://theflatearthsociety.org/home/index.php/about-the-society>

It's a CRAAP!

- **Currency** – can be crucial especially in quickly developing fields

1912 Spain – heroin used to treat pertussis

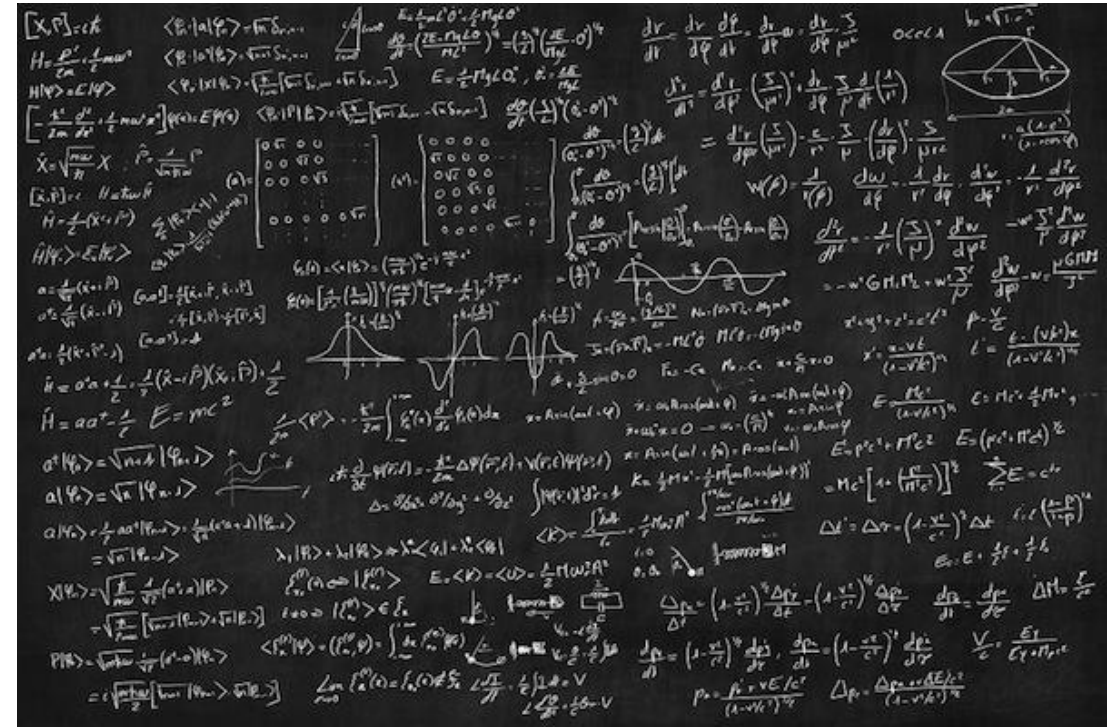
Bayer's Heroin – the best for your child



CBG - KEYCODE BAYER 510 [online].
[vid. 2017-05-30]. Available
from: <http://www.cbqnetwork.org/4148.html>

It's a CRAAP!

- **Relevance:** *The importance of the information for your needs.*
- Does the information relate to your topic or answer your questions?
- Who is the intended audience?
- Is the information at an appropriate level (too elementary or advanced)?
- Would you be comfortable citing this source in your research paper?



An average homeschooler: high school textbooks. Samantha Field [online]. 12. 12. 2013 [2017-03-01]. Available from: <http://samanthapfield.com/2013/12/12/an-average-homeschooler-high-school-textbooks/>

It's a CRAAP!

- **Authority:** *The source of the information.*
- Who is the author/publisher?
- Is the author qualified to write on the topic?
- Is there contact information, such as a publisher or email address?
- Does the URL reveal anything about the author or source?

(.edu .gov .org)



It's a CRAAP!

- **Accuracy:** *The reliability, truthfulness and correctness of the content.*
- Is the information supported by evidence?
- Has the information been reviewed or refereed?
- Can you verify any of the information in another source?
- Does the language or tone seem free of emotion?
- Are there grammar or typographical errors?



Dirk Riehle: Switzerland According to CNN [online]. [2017-03-01]. Available from: <http://dirkriehle.com/humorous-takes/fun-photos/ch-according-to-cnn.html>

It's a CRAAP!

- **Purpose:** *The reason the information exists.*
- What is the purpose of the information? Is it to inform, teach, sell, entertain or persuade?
- Do the authors make their intentions or purpose clear?
- Is the information fact, opinion or propaganda?
- Does the point of view appear objective?

**Never confuse
OPINION
with
FACT**

Opinion? Fact? Crap?

Sun is the center of the entire Universe

All spiders have eight legs

UFO is real

Global warming is a myth

Only the smartest students can study at the Park Lane School

Opinion? Fact? Crap?

Sun is the center of the entire Universe (superseded scientific theory)

All spiders have eight legs (except from handicapped ones)

UFO is real (Unidentified Flying Object)

Global warming is a myth (natural phenomenon X caused by man)

Only the smartest students can study at the Park Lane School
(opinion? fact? crap?)

It's a CRAAP!

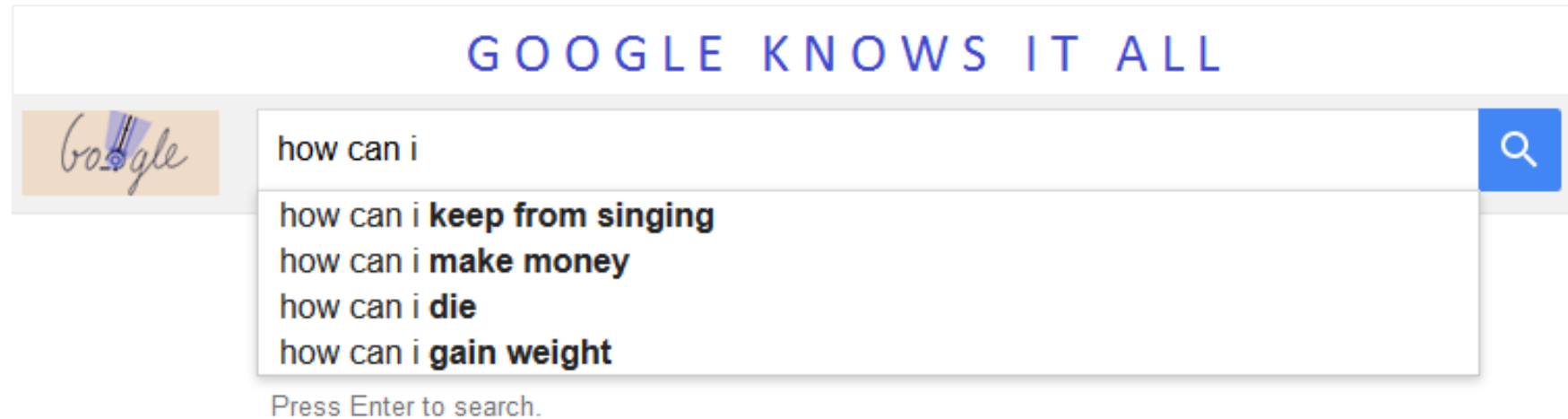
Currency
Relevance
Accuracy
Authority
Purpose

CRAAP filter

Different criteria will be **more or less important** depending on your situation or need.

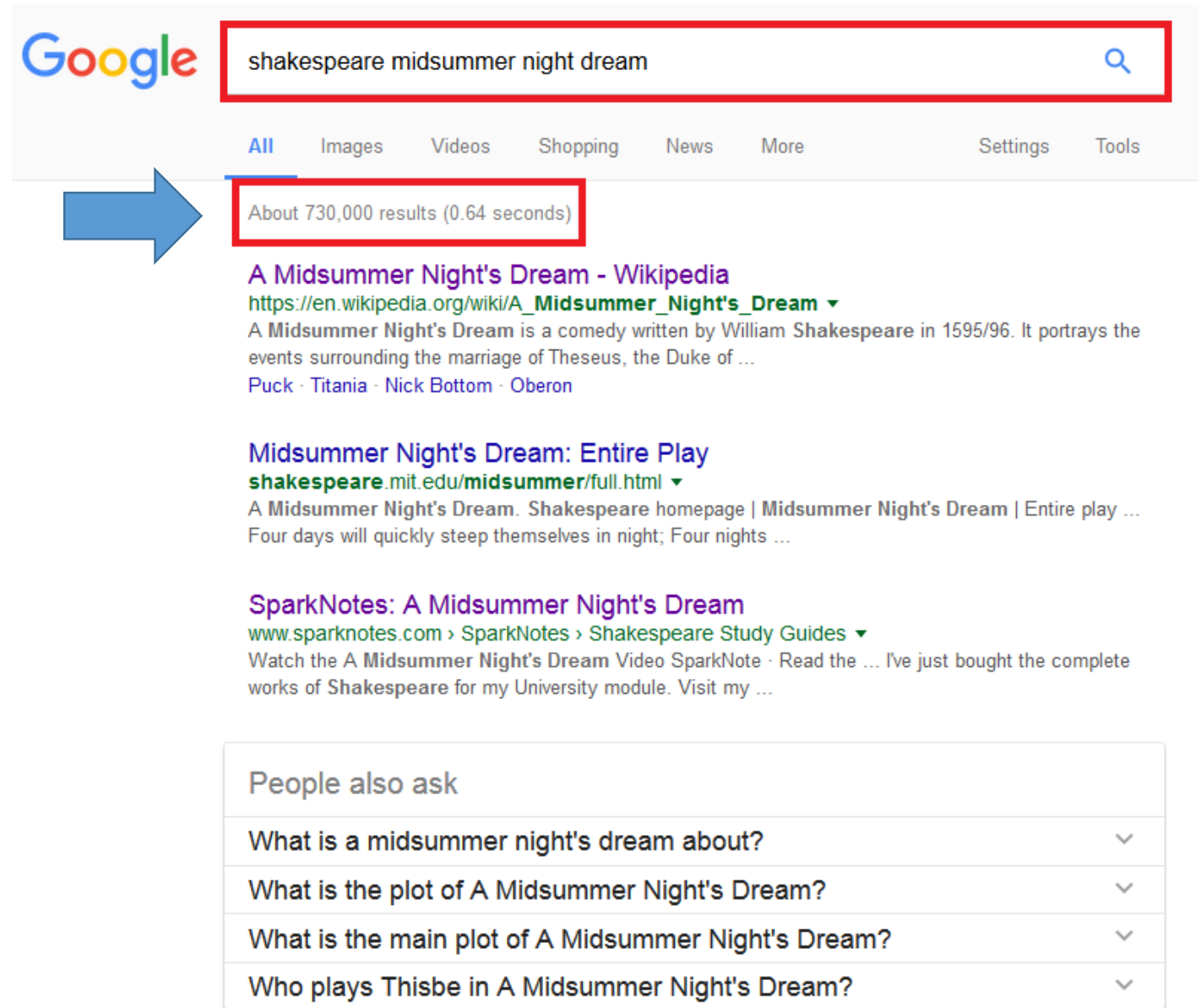
Where to search?

Google it – but “google it” right



Google vs. Google Scholar

- Many results don't always mean success
- Results might be irrelevant, unverified, or just silly...



The image shows a Google search interface. The search bar contains the text "shakespeare midsummer night dream" and is highlighted with a red rectangle. Below the search bar, the "All" tab is selected. A blue arrow points from the text "Many results don't always mean success" to a red rectangle highlighting the text "About 730,000 results (0.64 seconds)". Below this, three search results are listed, each with a title, URL, and a brief description. The first result is "A Midsummer Night's Dream - Wikipedia" with the URL "https://en.wikipedia.org/wiki/A_Midsummer_Night's_Dream". The second result is "Midsummer Night's Dream: Entire Play" with the URL "shakespeare.mit.edu/midsummer/full.html". The third result is "SparkNotes: A Midsummer Night's Dream" with the URL "www.sparknotes.com". At the bottom, there is a section titled "People also ask" with four questions and expandable answers.

Google

shakespeare midsummer night dream

All Images Videos Shopping News More Settings Tools

About 730,000 results (0.64 seconds)

A Midsummer Night's Dream - Wikipedia
https://en.wikipedia.org/wiki/A_Midsummer_Night's_Dream ▼
A Midsummer Night's Dream is a comedy written by William Shakespeare in 1595/96. It portrays the events surrounding the marriage of Theseus, the Duke of ...
Puck · Titania · Nick Bottom · Oberon

Midsummer Night's Dream: Entire Play
shakespeare.mit.edu/midsummer/full.html ▼
A Midsummer Night's Dream. Shakespeare homepage | Midsummer Night's Dream | Entire play ...
Four days will quickly steep themselves in night; Four nights ...

SparkNotes: A Midsummer Night's Dream
www.sparknotes.com > SparkNotes > Shakespeare Study Guides ▼
Watch the A Midsummer Night's Dream Video SparkNote · Read the ... I've just bought the complete works of Shakespeare for my University module. Visit my ...

People also ask

What is a midsummer night's dream about? ▼

What is the plot of A Midsummer Night's Dream? ▼

What is the main plot of A Midsummer Night's Dream? ▼

Who plays Thisbe in A Midsummer Night's Dream? ▼

Results



Searching in many different websites

The results are sorted mainly on their popularity
(commercial x academic sources)



Searching in academic sources

Tips on Google

site:techlib.cz consultation search for the word “consultation” on the website “techlib.cz”

filetype:pdf robot search the pdf files

[Google Search Help](#)

Find it with Google Scholar

Google

Scholar

Články

Moje knihovna

Kdykoli

Od 2017

Od 2016

Od 2013

Vlastní období...

Seřadit podle relevance

Seřadit podle data

☐ zahrnout patenty

☐ zahrnout citace

☒ Vytvořit upozornění

Taken by the Fairies: Fairy Practices and the Production of Popular Culture in A Midsummer Night's Dream
ME Lamb - *Shakespeare Quarterly*, 2000 - JSTOR
THROUGH THE CROSS-DISCIPLINARY WORK of sociologists, social historians, and literary scholars, the field of popular culture has become increasingly sophisticated+ Critiques of the concept of "popular culture" itself have proven particularly productive+ As
Počet citací tohoto článku: 40 Související články Všechny verze (počet: 2) Web of Science: 14 Citovat Uložit Další

[KNIHA] Our moonlight revels: A Midsummer Night's Dream in the theatre
GJ Williams - 1997 - library.uow.edu.au
... Use the truncation symbol * to widen your search and find entries which include the words theatre and theater (US spelling), and, history, historical or historically. Title: Our moonlight revels: A midsummer night's dream in the theatre Author: Gary Jay Williams ...
Počet citací tohoto článku: 59 Související články Citovat Uložit Další

"Obscured by dreams": Race, Empire, and Shakespeare's A Midsummer Night's Dream
M Hendricks - *Shakespeare Quarterly*, 1996 - JSTOR
Midsummer Night's Dream performed by the **Shakespeare** Santa Cruz repertory company (hereafter SSC). In a camp rendering of **Shakespeare's** text, director Danny Scheie sought to illuminate what he viewed as the sexual politics of the text. Featuring a variety of pop-culture
Počet citací tohoto článku: 59 Související články Všechny verze (počet: 4) Web of Science: 20 Citovat Uložit Další

Imagination in A Midsummer Night's Dream
RW Dent - *Shakespeare Quarterly*, 1964 - JSTOR
0 1 g2 A **Midsummer Night's Dream** for its artistic fusion of seemingly disparate elements. Sometimes the praise involves little, really, beyond admiring the skill with which **Shakespeare** interwove the actions of the four lovers, the fairies, and the o mechanicals in
Počet citací tohoto článku: 64 Související články Všechny verze (počet: 3) Citovat Uložit Další

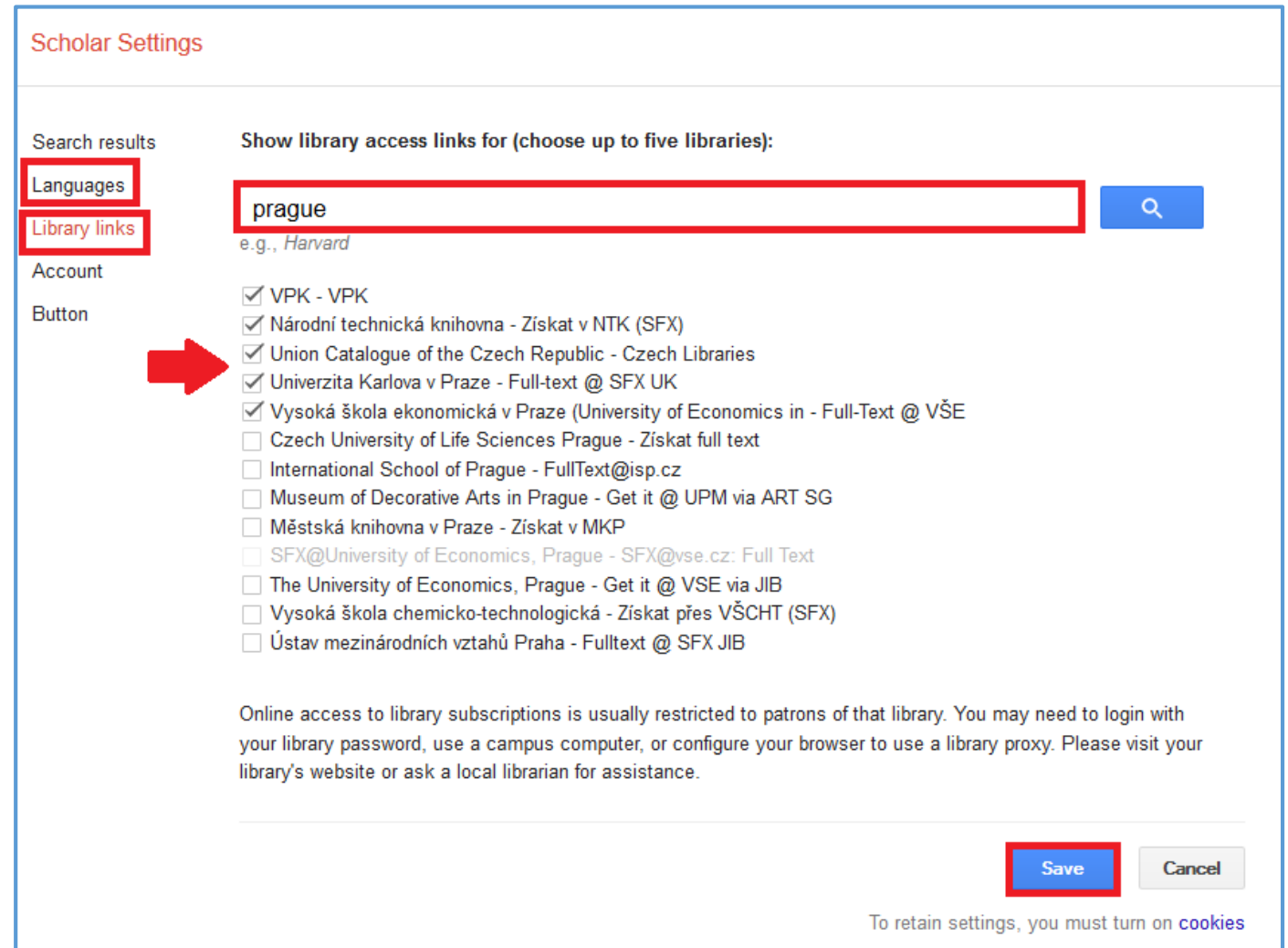
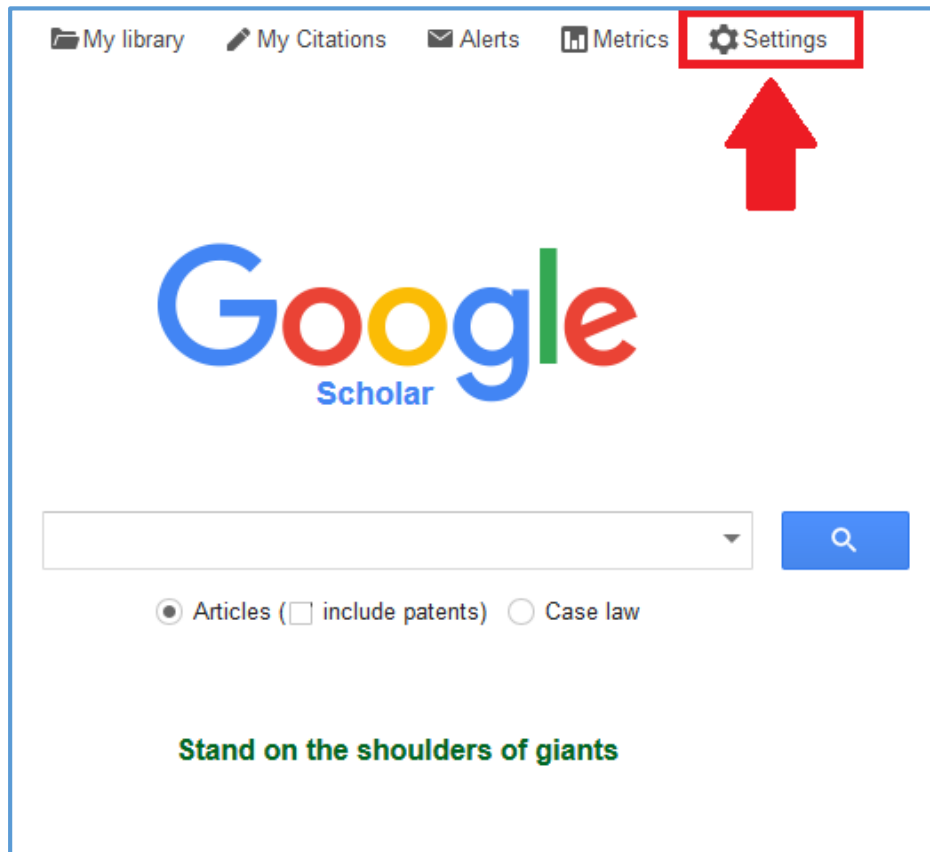
Získat v NTK (SFX)

[PDF] pbworks.com Získat v NTK (SFX)

[PDF] shakespeare4alltime.com

Find it with Google Scholar

scholar.google.cz



Search like an expert

Search like an expert

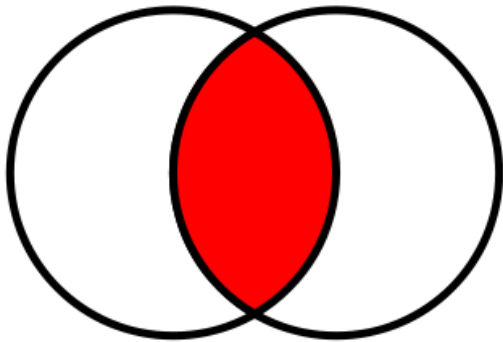
- Keywords
- Operators
- Quotation marks
- Asterisk*
- Filters



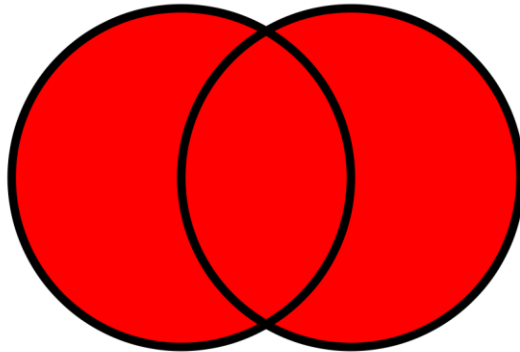
Search like an expert

- Operators – combine or exclude certain results

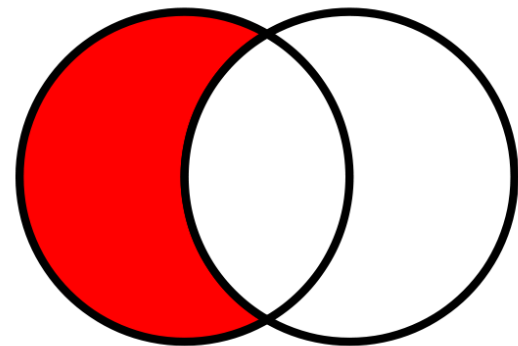
cats AND dogs



cats OR dogs



cats NOT dogs



Search like an expert

- Quotation marks - search for whole phrases

industry



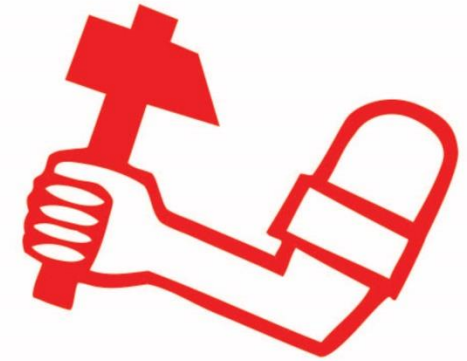
+

revolution



=

industrial
revolution



Search like an expert

- Asterisk ...* - search for a word with any suffix while keeping the root

industr*

industry

industrial

industrialism

Industrialization

environ*

environment

environmental

environmentalism

sul*ur

sulphur

sulfur

Search like an expert

- Filters - narrow results by various criteria

PUBLICATION DATE

● ————— ●

from  to 

[Last 12 Months](#)
[Last 3 years](#)
[Last 5 years](#)

SUBJECT TERMS

research (6,839,379)
article (4,173,700)
reports (3,381,450)
universities and colleges (3,342,551)
analysis (3,282,283)
[More...](#)

LANGUAGE

REFINE YOUR SEARCH

[Full Text Online](#)
[Scholarly & Peer-Review](#)
[Peer-Review](#)
[Library Catalog](#)

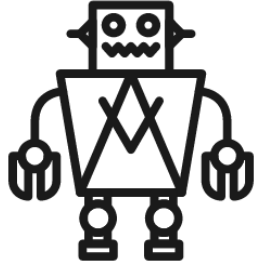
CONTENT TYPE

[Journal Article \(98,905,904\)](#)
[Patent \(73,982,185\)](#)
[Newspaper Article \(32,375,867\)](#)
[Magazine Article \(14,646,256\)](#)
[Book / eBook \(600,464\)](#)
[More...](#)

DISCIPLINE

[medicine \(102,622,414\)](#)
[chemistry \(82,080,685\)](#)
[sciences \(75,315,628\)](#)
[engineering \(22,189,353\)](#)
[biology \(9,316,143\)](#)
[More...](#)

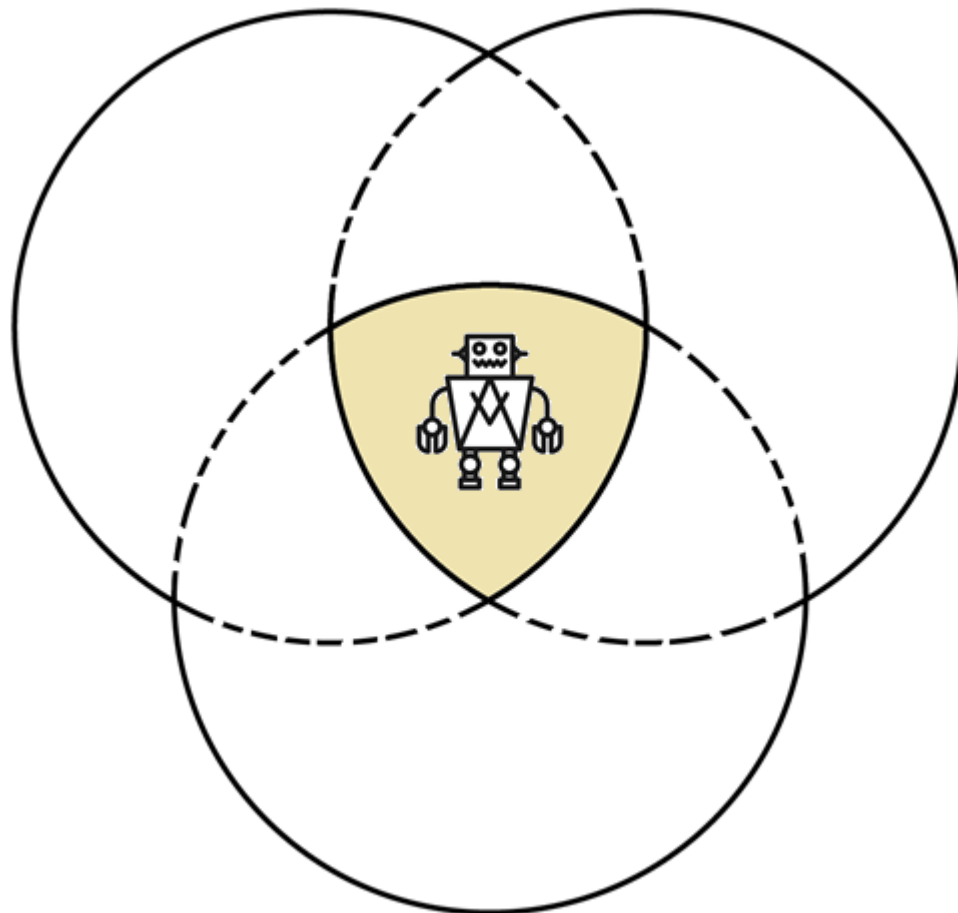
Search like an expert



- basic search:
sci-fi **AND** robot **AND** literature
- expert search:
("science fiction" OR "sci-fi") **AND** (robot* OR "artificial intelligence") **AND**
(literature **NOT** (movie OR film))
- verze pro Google Scholar:
robot "artificial intelligence" "science fiction" OR "sci-fi" -movie -film

("science fiction" OR "sci-fi")

(robot* OR "artificial intelligence")



(literature NOT (movie OR film))



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Culture & Events ▾

Who We Are ▾

Projects & Innovation ▾

Ai Weiwei in NTK

NTK and the National Gallery in Prague present a lecture by Chinese artist Ai Weiwei on Wednesday, March 15th, at 6:30 PM in Balling Hall. Free entry. The lecture will be streamed live on TVs on the ground floor.

1 / 6

New Quiet Study Room →

News

Journals from the American Physical Society

4. 3. – Discover APS Journals database. It contains all available journals from the American Physical Society (APS) focused on physics.

AccessScience Database

22. 2. – You can now access one of the largest and most renowned encyclopedic works online. The [AccessScience](#) database offers over 8,500 articles and 115,000 encyclopaedic entries from

Selected eResources

- [EBSCOhost](#)
- [Emerald Insight](#)
- [Encyclopedia Britannica](#)
- [IEEE Xplore](#)
- [IET.tv](#)
- [IOPscience](#)
- [nature.com](#)
- [ProQuest](#)
- [ProQuest Ebook Central](#)
- [SAGE Journals](#)
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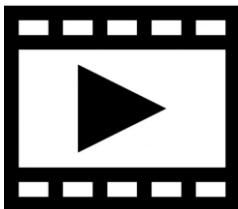


Quick Links

- [Consultations & Research Support](#)
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- [Become a Patron](#)
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Find it yourself

NTK search Video Tutorials



NTK
Norwegian Technical University
Norwegian School of Technology

Search: cows global warming

13,018 results sorted by [relevance](#)

☐ Add results beyond your library's collection

REFINE YOUR SEARCH

- Full Text Online
- Scholarly & Peer-Review
- Peer-Review
- Library Catalog

CONTENT TYPE

- Journal Article (5,369)
- Book / eBook (3,302)
- Magazine Article (1,619)
- Book Chapter (1,339)
- Newspaper Article (1,155)
- More...

DISCIPLINE

- agriculture (2,371)
- history & archaeology (2,116)
- engineering (1,776)
- environmental sciences (1,674)
- ecology (1,535)
- More...

PUBLICATION DATE

from to

Database Recommendations

- [ProQuest Natural Science Collection](#)
- [ProQuest SciTech Collection](#)

1 **Don't have a cow! Fight global warming with CFC**
by [Alston, Theodore A](#)
Nature, 08/2004, Volume 430, Issue 7003
Journal Article: [Full Text Online](#)
[Preview](#)

2 **The effect of improving cow productivity, fertility, and longevity on the global warming potential of dairy systems**
by [Bell, M.J.](#); [Wall, E.](#); [Russell, G.](#); [More...](#)
Journal of Dairy Science, 07/2011, Volume 94, Issue 7
... the **global warming** potential (GWP) in carbon dioxide equivalent (CO₂-eq.) emissions and resource use (in the context of this paper, land use) associated...
Journal Article: [Full Text Online](#)
[Preview](#)

3 **Studies from A.N. Hristov et al Add New Findings in the Area of Alkanes (Short communication: Comparison of the GreenFeed system with the sulfur hexafluoride tracer technique for measuring enteric methane emissions from dairy cows...**
Global Warming Focus, 07/2016
...By a News Reporter-Staff News Editor at **Global Warming Focus** -- A new study on Alkanes is now available. According to news reporting originating in St. Louis...
Journal Article: [Full Text Online](#)

Exercise

Assignment

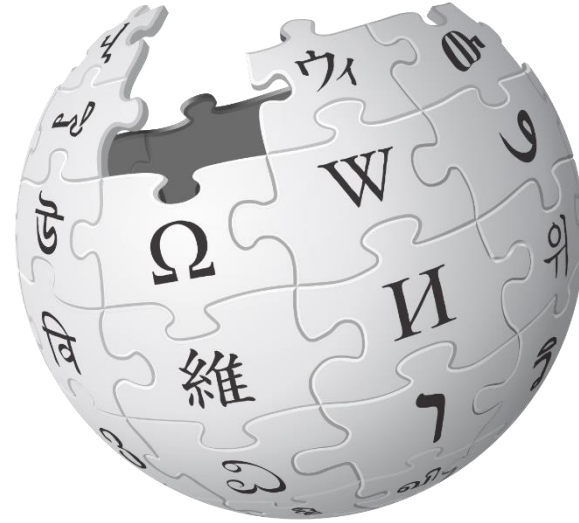
- Find information on the topic of your choice, or look here for inspiration:
 - Apocalyptic milkshake: how cattle breeding strengthens global warming.
 - Telepathic Skype: Are we there yet?
 - I². Ethical issues of self-cloning
 - Will dolphins take over our flats? Intelligent cetacea as a threat to humanity.
 - 3D printers attack! The role of 3D printers in Mars colonization.

Citations

- Don't forget to properly **cite** all information you borrow from somewhere else! Or else you might be accused of **plagiarism**.
- ...but more about that another time.



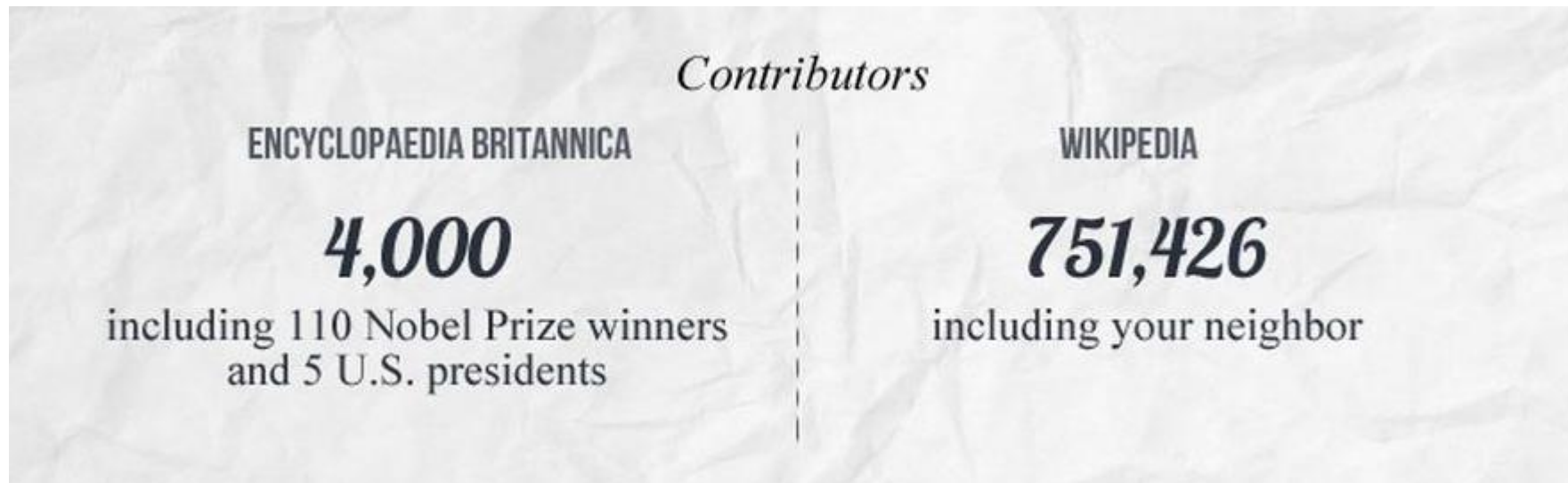
**Encyclopædia
Britannica**



Wikipedia

Major distinction

- Contributors and their expertise



SILVERMAN, Matt. Encyclopedia Britannica vs. Wikipedia [INFOGRAPHIC]. *Mashable* [online]. [2017-03-23].
Available from: <http://mashable.com/2012/03/16/encyclopedia-britannica-wikipedia-infographic/>

Not entirely satisfying but...

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- That doesn't mean that we won't find good articles on Wikipedia

Featured articles in Wikipedia



Featured articles are considered to be the best articles Wikipedia has to offer, as determined by [Wikipedia's editors](#). They are used by editors as examples for writing other articles. Before being listed here, articles are reviewed as [featured article candidates](#) for accuracy, neutrality, completeness, and style according to our [featured article criteria](#). There are **5,172** featured articles out of [5,498,979](#) articles on the English Wikipedia (~0.1% are featured). Thus, about one in 1,060 articles is listed here. Articles that no longer meet the criteria can be proposed for improvement or removal at [featured article review](#).

On non-mobile versions of our website, a small bronze star icon (★) on the top right corner of an article's page indicates that the article is featured. On most smartphones and tablets you can also "Request Desktop Site" to see this line (do a search to find out how). Additionally, if the current article is [featured in another language](#), a star will appear next to the corresponding entry in the Languages list in the sidebar (a [user preference](#) allows toggling this on/off under *Gadgets > Appearance*).

- Featured article is...

1. It is—
 - a. **well-written**: its prose is engaging and of a professional standard;
 - b. **comprehensive**: it neglects no major facts or details and places the subject in context;
 - c. **well-researched**: it is a thorough and representative survey of the relevant literature. Claims are [verifiable](#) against high-quality [reliable sources](#) and are supported by inline citations [where appropriate](#);
 - d. **neutral**: it presents views [fairly and without bias](#); and
 - e. **stable**: it is not subject to ongoing [edit wars](#) and its content does not change significantly from day to day, except in response to the featured article process.
2. It follows the [style guidelines](#), including the provision of—
 - a. **a lead**: a concise [lead section](#) that summarizes the topic and prepares the reader for the detail in the subsequent sections;
 - b. **appropriate structure**: a substantial but not overwhelming system of hierarchical [section headings](#); and
 - c. **consistent citations**: where required by criterion 1c, consistently formatted inline citations using either footnotes ([<ref>Smith 2007, p. 1.</ref>](#)) or Harvard referencing (Smith 2007, p. 1)—see [citing sources](#) for suggestions on formatting references. The use of citation templates is not required.
3. **Media**. It has [images](#) and other media, where appropriate, with succinct [captions](#), and [acceptable copyright status](#). Images follow the [image use policy](#). [Non-free](#) images or media must satisfy the [criteria for inclusion of non-free content](#) and [be labeled accordingly](#).
4. **Length**. It stays focused on the main topic without going into unnecessary detail and uses [summary style](#).

Featured articles

Mutiny on the *Bounty*



From Wikipedia, the free encyclopedia

This article is about the historical event. For other uses, see [Mutiny on the Bounty \(disambiguation\)](#).

The [mutiny](#) on the [Royal Navy](#) vessel [HMS *Bounty*](#) occurred in the south Pacific on 28 April 1789. Led by Acting Lieutenant [Fletcher Christian](#), disaffected crewmen seized control of the ship from their captain, Lieutenant [William Bligh](#), and set him and 18 loyalists adrift in the ship's open [launch](#). The mutineers variously settled on [Tahiti](#) or on [Pitcairn Island](#). Bligh meanwhile completed a voyage of more than 3,500 nautical miles (6,500 km; 4,000 mi) in the launch to reach safety, and began the process of bringing the mutineers to justice.

Bounty had left England in 1787 on a mission to collect and transport [breadfruit](#) plants from Tahiti to the [West Indies](#). A five-month layover in Tahiti, during which many of the men lived ashore and formed relationships with native [Polynesians](#), proved harmful to discipline. Relations between Bligh and his crew deteriorated after he began handing out increasingly harsh punishments, criticism and abuse, Christian being a particular target. After three weeks back at sea, Christian and others forced Bligh from the ship.

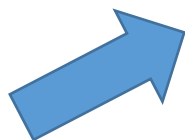


[Fletcher Christian](#) and the mutineers turn Lieutenant [William Bligh](#) and 18 others adrift, 1790 painting by [Robert Dodd](#)



Featured articles

- Little star marks the language in which the article is the best



Languages

Afrikaans

العربية

Asturianu

Avañe'ẽ

বাংলা

Bân-lâm-gú

Беларуская

Беларуская (тарашкевіца)

Български

Bosanski

Brezhoneg

Català

ЧӀвашла

★ Čeština

Cymraeg

Dansk

Deutsch

Eesti

Ελληνικά

Español

★ Esperanto

Euskara

فارسی

Henri de Toulouse-Lautrec

Henri-Marie-Raymond de Toulouse-Lautrec Monfa nebo také zkráceně **Henri de Toulouse-Lautrec** [ɑ̃ʁi də tuluz lotʁɛk]^{IPA} (24. listopadu 1864 Albi – 9. září 1901 Malromé, poblíž Bordeaux) byl francouzský malíř a grafik, patřící k nejvýznamnějším tvůrcům konce 19. století. Pocházel ze slavného a starého francouzského šlechtického rodu hrabat z Toulouse.

Ve svém díle Toulouse-Lautrec navázal na **impresionismus** a **postimpresionismus**, zvláště na tvorbu **Edgara Degase**. Silný vliv na něho měl i **japonský dřevoryt**.^[1] Jeho výtvarný projev vyrostl z **kresby** a byl značně lineární. Významné jsou i jeho **grafické**, technikou **litografie** vytvářené práce, jimiž předznamenal a ovlivnil **secesi**, a to **plakáty**, volnými **grafickými listy** i dalšími produkty **užité grafiky**. Náměty Lautrecových děl vycházely především ze života na **pařížském Montmartru**. Malíř často zachycoval návštěvníky kabaretů, tanečnice, prostitutky a další lidi z okraje tehdejší společnosti.

Lautrecovo dílo je značně rozsáhlé – obsahuje 737 **olejomalb**, 275 **akvarelů**, 5 084 **kreseb** a 359 **litografií** (53 **vícebarevných** a 306 **jednobarevných**).^[2]

Obsah [skrýt]

- Život
 - Dětství
 - Mládí
 - Montmartre
 - První výstavy



Henri de Toulouse-Lautrec



Henri de Toulouse-Lautrec

Narození	24. listopadu 1864 Albi, Francie
Úmrtí	9. září 1901 (ve věku 36 let) Malromé, Francie



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- Introduction
- Shakespeare the man
- Shakespeare the poet and dramatist
- Shakespeare's plays and poems
- Shakespeare's sources
- Understanding Shakespeare
- Chronology of Shakespeare's plays
- Additional Reading

Did You Know?
Shakespeare's exact birthday is unknown, but records show that he was baptized on April 26, 1564.

Alternate titles: Bard of Avon, Swan of Avon, William Shakespeare

Introduction



Courtesy of the National Portrait Gallery, London (<http://www.npg.org.uk>)



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APA

William Shakespeare. (2017). In *Encyclopædia Britannica*. Retrieved from <http://academic.eb.com/levels/collegiate/article/William-Shakespeare/109536>

Shakespeare occupies a position unique in world literature. Other poets, such as [Homer](#) and [Dante](#), and novelists, such as [Leo Tolstoy](#) and [Charles Dickens](#), have transcended national barriers; but no writer's living reputation can compare to that of Shakespeare, whose plays, written in the late 16th and early 17th centuries for a small [repertory theatre](#), are now performed and read more often and in more countries than ever before. The prophecy of his great contemporary, the poet and dramatist [Ben Jonson](#), that Shakespeare "was not of an age, but for all time," has been fulfilled.

It may be audacious even to attempt a definition of his greatness, but it is not so difficult to describe the gifts that enabled him to create imaginative visions of

How do I know it's true?

- At the bottom of every article are it's contributors and their profession

Article Contributors

Ronald Francis Peel - Professor of Geography, University of Bristol, England, 1957–77. Chairman, Commission on Arid Lands, International Geographical Union. Author of *Physical Geography*.

Jeffrey Allman Gritzner - Professor of Geography; Director, Montana Public Policy Research Institute, University of Montana, Missoula. Author of *The West African Sahel: Human Agency and Environmental Change* and others.

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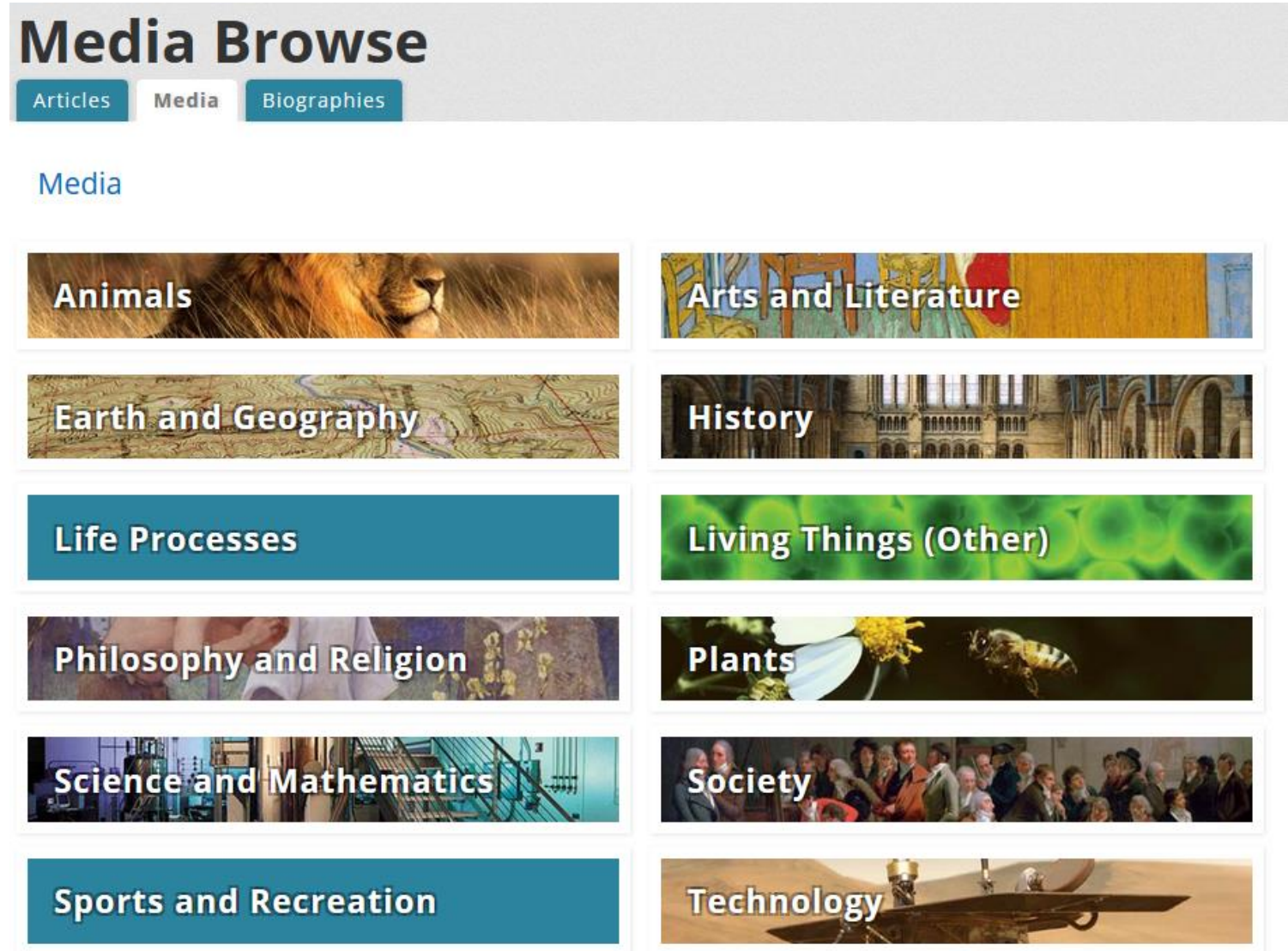
The screenshot displays the Britannica website's main interface. At the top, there is a search bar with the placeholder text "What are you researching today?" and a magnifying glass icon. Below the search bar, the text "Advanced Search" is visible. A horizontal navigation bar contains four categories: "ARTICLES", "DICTIONARY", "PRIMARY SOURCES", and "JOURNALS / PERIODICALS", each preceded by a small circular icon. To the right of the search bar, a vertical menu is highlighted with a red border, containing three options: "ARTICLE BROWSE" (with a list icon), "MEDIA BROWSE" (with a picture icon), and "BIOGRAPHIES" (with a person icon). Below the navigation bar, the section "RESEARCH TOOLS" is introduced with a horizontal line. Under this section, three tools are presented in separate boxes. The first box, "World Atlas", includes a globe icon and a description of its interactive features. The second box, "Compare Countries", features a bar chart icon and describes its function in comparing two countries. The third box, "World Data Analyst", includes a pie chart icon and describes its use for statistical analysis.

RESEARCH TOOLS

-  **World Atlas**
Search thousands of maps, flags, articles and statistics in this interactive World Atlas.
-  **Compare Countries**
A unique geography tool that gives you quick facts and statistics on any two countries side-by-side.
-  **World Data Analyst**
Comprehensive statistics on every nation of the world. Perform statistical comparisons between countries or explore changes over time.

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time travel: grandfather paradox

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Harvard

Time travel: grandfather paradox [Video]. *Encyclopædia Britannica*. Retrieved 26 October 2017, from <http://academic.eb.com/levels/collegiate/assembly/view/205760>

appears in the articles:
fiction

Basic facts about the topic

- Useful statistical data

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Compare Countries

Stats Articles & Media

Czech Republic Austria

	 Czech Republic	 Austria
Official name(s):	Česká Republika (Czech Republic)	Republik Österreich (Republic of Austria)
Form of government:	unitary multiparty republic with two legislative houses (Senate [81]; Chamber of Deputies [200])	federal state with two legislative houses (Federal Council [61]; National Council [183])
Executive Branch:	(Head of state) President: Miloš Zeman (Head of government) Prime Minister: Bohuslav Sobotka	(Head of state) President: Alexander Van der Bellen (Head of government) Chancellor: Christian Kern
Capital(s):	Prague	Vienna
Language:	Czech (official language)	German (official language)
Religion:	none (official religion)	none (official religion)
Monetary unit(s):	koruna (Kč)	euro (€)
Population:	(2016 est.) 10,562,000	(2016 est.) 8,758,000
Area:	30,450 (sq mi) 78,865 (sq km)	32,386 (sq mi) 83,879 (sq km)
Urban-rural population:	Urban: (2014) 73% Rural: (2014) 27%	Urban: (2014) 65.9% Rural: (2014) 34.1%
Life expectancy at birth:	Male: (2014) 75.8 years Female: (2014) 81.7 years	Male: (2011) 78.1 years Female: (2011) 83.4 years
Literacy: percentage of population age 15 and over:	Male: 100% Female: 100%	Male: 100% Female: 100%
GNI per capita (U.S.\$):	(2015) 18,140	(2015) 47,410

World data analyst

- Choose a country and get statistical data
- Create tables and charts according to a different criteria

The screenshot shows the Britannica World Data Analyst website. The navigation bar includes links for Home, Country Snapshots, Current Comparisons, Chronological Comparisons, Ranked Statistics, Help, and Guided Tour. The main content area is divided into three sections: Country Snapshots, Country Comparisons, and Ranked Statistics. Callout boxes provide detailed descriptions of each section's functionality.

Country Snapshots
Select a country from the list and click Go to see detailed statistics for the economy, military, transportation and communication, and other key information.

Country Comparisons
Create tables and charts that compare key statistics for two or more countries.

Ranked Statistics
View statistical extremes—the highest and lowest—of important categories.

Country Snapshots
View PDFs with up-to-date information for individual countries. [Adobe Acrobat Reader](#) required.
Select a country: [Go](#)

Country Comparisons
[Current Comparisons](#)
Create tables and charts comparing countries across multiple statistical categories, or focus on statistics for a single country. Data reflects the most recent available statistics.
[Chronological Comparisons](#)
Create tables and charts comparing changes over time. Data spans up to 90 years.

Ranked Statistics
View [Ranked Statistics](#), featuring tables of countries with the highest or lowest totals, rates, or percentages in several statistical categories, as well as tables covering the most remarkable features and attributes of different countries and the world.

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World data analyst

- Chart on number of nurses in selected countries

Current Comparisons

Compare countries using historical data.

Step 1: Select Countries

Choose the country or countries to be displayed.

Options:

Afghanistan
Albania
Algeria
American Samoa
Andorra
Angola
Antigua and Barbuda
Argentina
Armenia
Aruba



Add >

< Delete

Reset

Afghanistan
Czech Republic
Guatemala
Madagascar
Pakistan

Step 2: Select Statistics

Choose the statistics to be displayed. Note: You cannot select the category titles (Demography, etc.).

You can jump to a category by typing a letter (D = Demography, V = Vital Statistics, N = National Economy, F = Foreign Trade, E = Education and Health, T = Transportation and Communication, M = Military).

Options:

Demography
• Area and population-population (by decade, '000s)-2010 projection
• Area and population-population (by decade, '000s)-2020 projection
• Area and population-area-square miles
• Area and population-area-square kilometres
• Area and population-area-rank
• Area and population-population (latest estimate)-rank
• Area and population-population (latest estimate)-total midyear
• Area and population-population (latest estimate)-% annual growth rate
• population (latest estimate)-density-per sq mi



Add ~

Delete ^

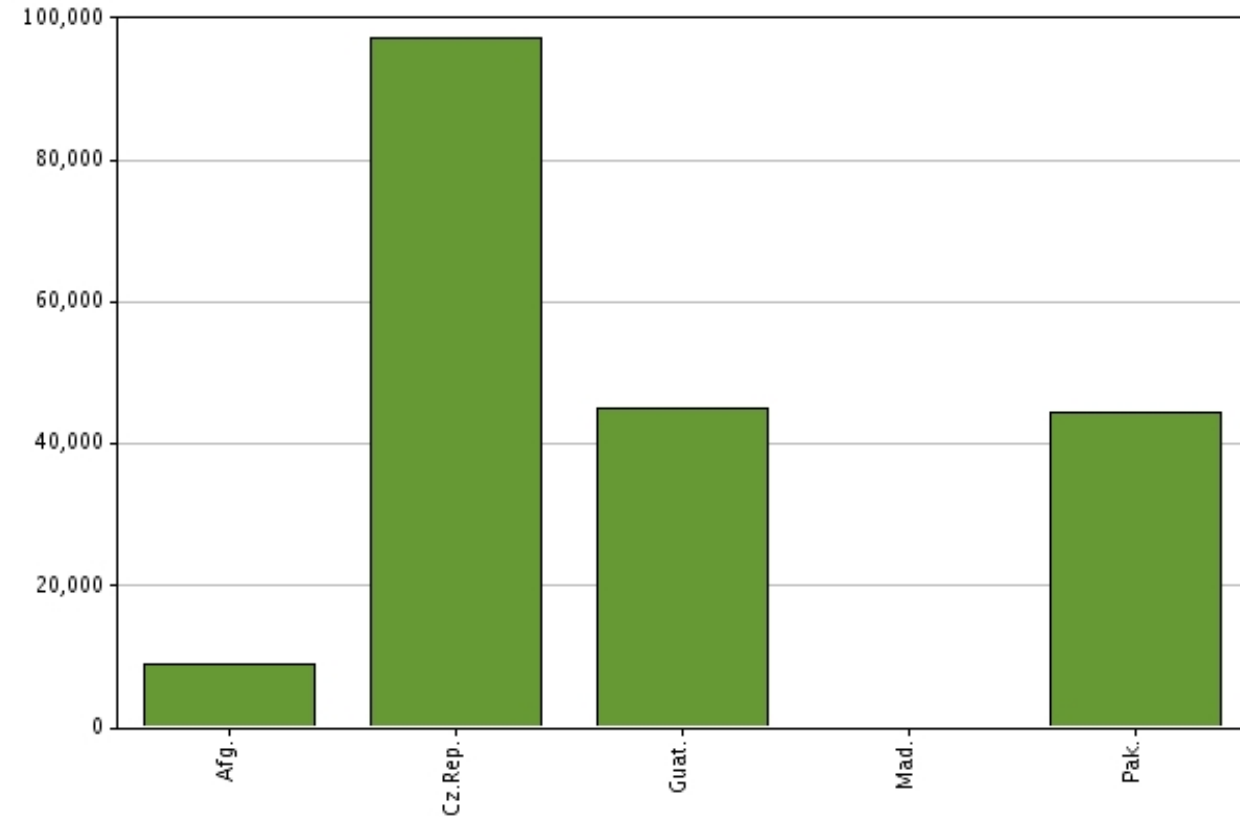
Reset

• Health Services-health personnel-nurses

World data analyst

- Chart on number of nurses in selected countries

Chart 1: Health Services-health personnel-nurses



Afg., [Afghanistan](#) , 8891 (0)
Cz.Rep., [Czech Republic](#) , 97077 (0)
Guat., [Guatemala](#) , 44986 (0)
Mad., [Madagascar](#) , ... (-)
Pak., [Pakistan](#) , 44520 (0)

... not available

- none, negligible, or not applicable

This chart has footnotes associated with it. Please consult the table view of this data to view the footnotes.

Country snapshots



WORLD DATA ANALYST

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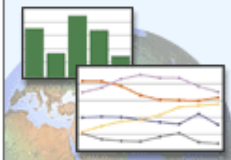
Use Britannica's World Data Analyst to enrich and expand your understanding of the world.

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Create tables and charts comparing countries across multiple statistical categories, or focus on statistics for a single country. Data reflects the most recent available statistics.

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Create tables and charts comparing changes over time. Data spans up to 90 years.

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Bolivia



Official name: Estado Plurinacional de Bolivia (Plurinational State of Bolivia).
Form of government: unitary multiparty republic with two legislative houses (Chamber of Senators [36]; Chamber of Deputies [130]).
Head of state and government: President Evo Morales Ayma.
Capitals: La Paz (administrative); Sucre (constitutional).
Official languages: Spanish and 36 indigenous languages.
Official religion: none.
Monetary unit: boliviano (Bs); valuation (Sept. 1, 2016) 1 U.S.\$ = Bs 6.93; 1 £ = Bs 9.22.



Demography

Population (2016): 10,702,000.
Density (2016): persons per sq mi 25.2, persons per sq km 9.7.
Sex distribution (2015): male 49.48%; female 50.52%.
Population projection (2020): 11,351,000; (2030) 12,952,000.
Major cities (2012): Santa Cruz 1,441,406 (urban agglomeration 1,631,809); El Alto 842,378;

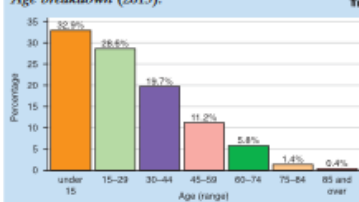


La Paz 757,184 (urban agglomeration 1,680,520); Cochabamba 630,587; Sucre 237,480.

Area and population

Departamento	area sq km	population 2012	Departamento	area sq km	population 2012
Ben	21,336	422,028	Pando	62,627	112,438
Chuquisaca	21,524	261,247	Potosí	118,215	828,093
Cochabamba	35,621	1,762,761	Santa Cruz	370,621	2,657,762
La Paz	133,268	2,712,244	Tarija	37,623	463,918
Oruro	53,558	494,587	total	1,098,561	10,702,000

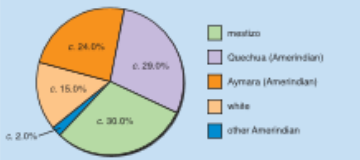
Age breakdown (2015):



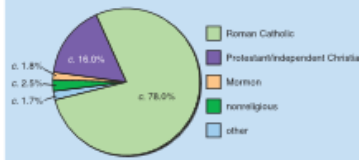
Vital statistics

Birth rate per 1,000 population (2015): 22.8 (world avg. 19.5).
Death rate per 1,000 population (2015): 6.5 (world avg. 8.1).
Natural increase rate per 1,000 population (2015): 16.3 (world avg. 11.4).
Life expectancy at birth (2015): male 66.1 years; female 71.8 years.

Ethnic composition (2006):



Religious affiliation (2001):



Create a perfect paper on...

- Sahara desert



Sahara: sand dunes in the Sahara [Image]. *Encyclopædia Britannica*. Retrieved 26 October 2017, from <http://academic.eb.com/levels/collegiate/assembly/view/160278>

Ranked Statistics

Deserts of the world

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Name (location)	Area (sq mi)	Area (sq km)
Africa		
Sahara (northern Africa)	3,320,000	8,600,000
Libyan (Libya-Egypt-Sudan)	...	...
Kalahari (southwestern Africa)	360,000	930,000
Namib (southwestern Africa)	52,000	135,000
North America		
Great Basin (southwestern United States)	190,000	492,000
Chihuahuan (northern Mexico)	175,000	450,000
Sonoran (southwestern United States-Baja California, Mexico)	120,000	310,000
Mojave (southwestern United States)	25,000	65,000
Colorado (California, United States-northern Mexico)	...	...
Yuma (Arizona, United States-Sonora, Mexico)	...	...
South America		
Patagonian (southern Argentina)	260,000	673,000
Atacama (northern Chile)	54,000	140,000

Sahara

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Did You Know?
The word Sahara means "desert."

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Alternate titles: Ṣaḥrāʾ

Introduction


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Sahara, (from Arabic *Ṣaḥrāʾ*, "desert") largest desert in the world. Filling nearly all of northern Africa, it measures approximately 3,000 miles (4,800 kilometres) from east to west and between 800 and 1,200 miles from north to south and has a total area of some 3,320,000 square miles (8,600,000 square kilometres); the actual area varies as the desert expands and contracts over time. The Sahara is bordered in the west by the Atlantic Ocean, in the north by the Atlas Mountains and Mediterranean Sea, in the east by the Red Sea, and in the south by the Sahel—a semiarid region that forms a transitional zone between the Sahara to the north and the belt of humid savannas to the south.

Physical features

Physiography


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The principal topographical features of the Sahara include shallow, seasonally inundated basins (chotts and dayas) and large oasis depressions; extensive gravel-covered plains (serirs or regs); rock-strewn plateaus (hammadas); abrupt mountains; and sand sheets, dunes, and sand seas (ergs). The highest point in the desert is the 11,204-foot (3,415-metre) summit of Mount Koussi in the Tibesti Mountains in Chad; the lowest, 436 feet (133 metres) below sea level, is in the Qattara Depression of Egypt.

The name Sahara derives from the Arabic noun *Ṣaḥrāʾ*, meaning desert, and its plural, *Ṣaḥrāʾ*. It is also related to the adjective *aṣḥar*, meaning desertlike and carrying a strong connotation of the reddish colour of the vegetationless plains. There are also indigenous names for particular areas—such as the Tanezrouft region of southwestern Algeria and the Ténéré region of central Niger—which are often of Berber origin.

The Sahara sits atop the African Shield, which is composed of heavily folded and denuded Precambrian rocks. Because of the stability of the shield, subsequently deposited Paleozoic formations have remained horizontal and relatively unaltered. Over much of the Sahara, these formations were covered by Mesozoic deposits—including the limestones of Algeria, southern Tunisia, and northern Libya, and the Nubian sandstones of the Libyan Desert—and many of the important regional aquifers are identified with them. In the northern Sahara, these formations are also associated with a series of basins and depressions extending from the oases of western Egypt to the chotts of Algeria. In the southern Sahara, downwarping of the African Shield created large basins

Sahara. In *Encyclopædia Britannica*. Retrieved 26 October 2017 from <http://academic.eb.com/levels/collegiate/article/Sahara/108296#>

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- Who are the heads?

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