

Home Page

The screenshot shows the Wiley eLS website home page. At the top, there is a navigation bar with 'HOME', 'TOPICS', and 'LATEST ARTICLES' tabs. Below this is a search bar with the text 'Enter keyword(s)' and a 'Search eLS' button. The main content area is divided into two columns: 'Select a Topic' and 'Explore a Theme'. The 'Select a Topic' column lists various life science topics such as Biochemistry, Microbiology, Bioethics & Philosophy, Molecular Biology, Cell Biology, Neuroscience, Developmental Biology, Plant Science, Ecology, Science & Society, Evolution & Diversity of Life, Structural Biology, Genetics & Disease, Virology, and Immunology. The 'Explore a Theme' column lists topics like Essentials in Biochemistry, Soil, Climate Change Biology, Vaccination, Obesity, and Stem Cells. A 'Spotlight on Multidrug-Resistant Bacteria' banner is featured on the right side. The footer includes the Wiley Online Library logo and copyright information: 'Copyright © 2000-2017 by John Wiley & Sons, Inc., or related companies. All rights reserved.'

Logo



URL

<http://www.els.net/WileyCDA/>

Subject

Life Science--Encyclopedias

Accessibility

Partially free

Language

English

Publisher

John Wiley & Sons, Inc.

Brief History

The encyclopedia came in the year 2000 by John Wiley & Sons, Inc.

Scope and Coverage

eLS features over 5,000 specially commissioned, peer-reviewed and citable articles in the life sciences and is an essential resource

for students. The following themes or categories are included in this encyclopedia.

Browse Themes	
▶ Essentials in Biochemistry	▶ Human Brain
▶ Soil	▶ Mitochondria
▶ Climate Change Biology	▶ GWAS & Complex Disease
▶ Vaccination	▶ Sociobiology
▶ Obesity	▶ Microscopy
▶ Stem Cells	▶ Biology of Ageing
▶ Neurodegeneration and Neurodegenerative Disorders	▶ Forensic Biology
▶ Cancer	▶ Computational Biology

Above theme includes related articles. As for example the theme “Soil” includes nine articles. Some of them are:

- ‘Soils and Decomposition’
- ‘Principles and Practices of Soil Resource Conservation’
- ‘Biodiversity and Ecosystem Function of Decomposition’
- ‘Rhizosphere’, etc.

Like this category or theme others also include articles. At the home page the topics of this encyclopedia are also represented in a hyperlinked manner and by clicking those topics one can reach another webpage where the topics further sub divided in sub topics. Like The topic “Plant Science” includes following sub topics:

Plant Science

Narrow by Sub-Topic

- ▶ Crops and Plant Breeding
- ▶ Flowers
- ▶ General Plant Science
- ▶ Leaves
- ▶ Meristems
- ▶ Photosynthesis
- ▶ Plant Biotechnology
- ▶ Plant Cell Differentiation
- ▶ Plant Cell Growth
- ▶ Plant Development
- ▶ Plant Disease
- ▶ Plant Ecology
- ▶ Plant Epidermis and Cuticle
- ▶ Plant Evolution
- ▶ Plant Genetics and Molecular Biology
- ▶ Plant Nutrition
- ▶ Plant Population Biology
- ▶ Plant Reproduction
- ▶ Plant Responses to the Environment
- ▶ Plant Secondary Metabolism
- ▶ Plant Stress Physiology
- ▶ Roots and Root Systems
- ▶ Shoots and Buds

Suggested articles, Classic articles, Overview articles under each topic are also provided along with the above list. eLS articles are written by leaders in the field to provide comprehensive and authoritative coverage of each subject area mentioned above. eLS is updated by approximately 400 articles per year, with new articles publishing on a monthly basis. Topic coverage reviewed by a distinguished international scientific advisory team.

Kind of Information

In this encyclopedia, the article as for example “Tropical Forests” on the topic **Biodiversity** provides author name, publication date, abstract and key concepts on tropical forests, key words (climate change; conservation; forests; species diversity; tropical forests; vegetation), five related images. The article is also includes all references which will be used in further study. Like this article, others also make open availability of Abstracts, Key Concepts and Keywords. For full text article the encyclopedia gives link to Wiley Online Library where all terms and conditions are displayed. Hyperlinked list of related sub topics are also provided at the end of the article.

Along with the articles the encyclopedia helps users to cite the articles by providing specific citing form. Users can also contract with editor for its articles, and the articles are also shared by email or other social networking sites.

Special Features

- Overviews and Suggested Articles are provided to help students learn about topics;

- Key Concepts explaining critical learning points for the reader;
- Open availability of high-quality illustrations;
- Open availability of References and Further Reading;
- In-text hyperlinks directly linking related eLS articles;
- Article Glossaries are also available;
- New and updated articles added on a monthly basis;
- Updated articles clearly linked to earlier versions;

Arrangement Pattern

At the home page all the covered topics are arranged alphabetically. Under each topic sub topics and under each sub topic articles are also arranged alphabetically. But there is no specific arrangement in themes.

Remarks

This encyclopedia is a valuable resource for life science students. The website of eLS includes following remarks:

"With an impressive list of advisors and authors, broad subject coverage, exquisite articles, and a relatively easy to use interface, eLS is a remarkable resource." — *Issues in Science & Technology Librarianship*

"This resource is a must-have for all biological sciences libraries and most larger academic and public libraries. It will be used often by undergraduate and graduate biology students." — *American Reference Books Annual*

Comparable Tools

- Encyclopedia of Life (<http://eol.org/>)
- NatureServe Explorer: An Online Encyclopedia of Life. (<http://explorer.natureserve.org/>)
- A-Z Animals (<http://a-z-animals.com/>)
- Internet Orchid Species Photo Encyclopedia (<http://www.orchidspecies.com/>)
- Animal Facts Encyclopedia

[\(http://www.animalfactsencyclopedia.com/\)](http://www.animalfactsencyclopedia.com/)

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