

# ONLINE JOURNAL RESOURCES

Please consult your Subscription Order lists for information on accessing your JDP subscriptions online. In addition, you may be eligible to access online journal resources from the online providers listed below. Visit the provider websites to learn more about each initiative.

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## INASP/ PERI: PROGRAM FROM THE ENHANCEMENT OF RESEARCH INFORMATION

<http://www.inasp.info/peri/electronic.html>

INASP negotiates affordable, sustainable access licenses to provide countrywide access to not-for-profit Institutes at no cost. Through PERI, eligible institutions have access to over 11,000 full text journals. Below is a list of the publishers who participate in PERI. (Please refer to the INASP/PERI website for country eligibility information)

- [American Astronomical Society](#): Access to the three scholarly journals published by the Society.
- [American Chemical Society](#): Over 35 journals in chemistry and related fields.
- [American Institute of Physics](#): AIP publishes 11 journals, two magazines, and a conference proceedings series. Their Citation platform hosts over one million articles from more than 25 scholarly publishers.
- [American Physical Society](#): Access to the Physical Review Online Archive (PROLA) and ten journals produced by the American Physical Society.
- [American Society of Agricultural and Biological Engineers](#): ASABE Technical Library includes a range of content including journals, textbook materials, monographs, standards and proceedings as well as the important reference work-in-progress, Design Topics.
- [American Society of Civil Engineers](#): 18,500 full-text papers from ASCE Journals and Proceedings
- [Annual Reviews](#): Annual Reviews publications operate as a high quality filter, prioritizing and synthesizing the primary research literature in 33 different disciplines for the Biomedical, Life, Physical and Social Sciences.
- [Beech Tree Publications](#): Two international, peer-reviewed academic journals
- [Bentham Science Publishing](#): Over 75 leading peer-reviewed biomedical and pharmaceutical journals and 2 e-books.
- [Blackwell Publishing](#): Over 840 peer-reviewed journals in a wide range of academic disciplines.
- [British Library Direct](#): provides free table of contents searching from 5 years of data for over 20 000 journals.
- **CABI Publishing**:
  - [CAB Abstracts](#): Agriculture and Life Sciences, current awareness database containing over 4.3 million records.
  - [Global Health Database](#): Public Health and Human Medicine, current awareness database containing over 1,300,000 records with 70,000 records added annually.
  - [CAB Compendia](#): Encyclopedic, multimedia tools that bring together a wide range of different types of science-based information.
- [Cambridge University Press](#) : Over 200 leading titles in Linguistics, Politics, Medicine, Science, Technology, Social Science and Humanities.
- [The Cochrane Library](#): An internationally acclaimed database of regularly updated evidence-based medical systematic reviews.
- **DATAD**: Database of African Theses and Dissertations the regional database of theses and dissertations currently draws from eleven founding institutions.
- [Duke University Press](#): More than thirty periodicals that span a stimulating range of disciplines within the humanities and sciences.
- [EBSCO Host Research Databases](#): Over 11,000 full text, peer-reviewed journals and over 15,000 abstracted and indexed titles. Access to 8 major databases: Academic Search Premier; Business Source Premier; ERIC; Masterfile Premier; Newspaper Source; Health Source : Nursing & Academic; Health Source : Consumer Edition; Medline.
- [EBSCO Religion and Theology Collection](#) : 6 databases are available through institutional subscriptions.
- [Emerald Group Publishing Limited](#): Emerald Management Xtra features 50 full text journals and reviews from the world's top 300 management journals. This is coupled with online support for librarians, students, faculty, and researchers.
- [Gale \(Cengage Learning\)](#) Expanded Academic and Health & Wellness Resource Center: General research database that covers subject areas from art and literature to economics and the sciences.
- [Gale Virtual Reference Library](#): Selected titles from the E-book reference collection.
- [Geological Society - The Lyell Collection](#): The Lyell Collection is an electronic collection of new and archival journal, Special Publication and book content, published by the Geological Society of London. It contains key peer-reviewed Earth science literature of the highest quality.
- [Institute for Operations Research and Management Sciences \(INFORMS\)](#): 11 scholarly journals in the field.
- [IEEE/IET Electronic Library \(IEL\)](#): provides access to more than 1.2 million full-text documents in electrical engineering and computer science
- [Institution of Chemical Engineers](#) Full text access to their 6 journals.
- [International Forestry Review](#): A peer-reviewed scientific journal that publishes papers, research notes and book reviews on all aspects of forestry and forest research.
- [IOP Publishing \(formerly Institute of Physics\)](#): over 50 of the world's most prestigious journals in physics and related disciplines.

- **JSTOR**: Access to full-text journal articles available as searchable, scanned page images from over 770 important scholarly journals in 47 disciplines.
- **Mary Ann Liebert Inc.**: 55 authoritative publications in the most exciting and promising areas of biomedical research, clinical medicine, surgery, law, and science.
- **Mineralogical Society of Great Britain and Ireland - MinAbs Online**: Database containing over 120,000 abstracts relating to the earth sciences, mineralogy, crystallography, geochemistry, economic geology, gemology, extraterrestrial mineralogy, environmental science and nano-particle science.
- **Multilingual Matters/Channel View Publications**: one of the world leaders in research on multilingualism and minority language rights and offers 14 journals in this field. Channel View Publications is an imprint offering 6 journals in tourism and environmental studies.
- **National Academy Press**: Over 2,800 reports, e-newsletters and journals from US National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine, and the National Research Council.
- **Nature Publishing Group (NPG)**: Publishes over 30 journals and online databases across the life, physical and applied sciences and, most recently, clinical medicine.
- **NISC**: provides access to 6 databases on Africa covering a wide range of information about Africa. These databases include African HealthLine, African Studies, Africa-Wide: NiPAD (NISC information, Publications and African Databases), Fish & Fisheries Worldwide, Water Resources Worldwide and AIDSearch.
- **NRC Research Press Journals Online**: Online Journals in a broad range of research areas.
- **OECD**: Organization for Economic Co-operation and Development is the world's largest think-tank, renowned for its authoritative, internationally comparable statistics, analysis, and outlooks in Economics, Public Policy, Social Sciences and Environmental issues.
- **OSA - Optical Society of America**: 12 Optics and photonics journals published by OSA and selected OSA meeting content
- **Oxford Journals**: Over 160 leading titles in science, technology, medicine, humanities and social sciences.
- **Palgrave Macmillan Journals**: Palgrave Macmillan offers a combined portfolio of 30 peer-reviewed e-journals.
- **Project MUSE**: Project MUSE provides online access to over 350 full-text journals from 70 publishers in humanities and social science. MUSE pricing meets library needs around the world.
- **Royal Society**: Seven leading international journals from the Royal Society, the UK's national academy of science. Titles cover the whole of the biological and physical sciences, and include Philosophical Transactions of the Royal Society, the longest-running continuously published journal in the world.
- **Royal Society of Chemistry**: 36 full text journals, a range of key databases and a series of specialist periodical reports. Royal Society of Chemistry Archive: Backfile containing all articles published by the RSC (and its forerunner societies) from 1841 to 2004.
- **Sage Publications**: Over 490 journals in the humanities, social sciences and STM.
- **SPIE Digital Library**: SPIE is an international society advancing an interdisciplinary approach to the science and application of light. Access the latest in interdisciplinary research over a broad range of technologies with the SPIE family of journals
- **Springer eJournals**: Springer is one of the leading international scientific publishing companies. Springer's eJournals cover a wide range of subjects including biomedicine and the life sciences, clinical medicine, physics, engineering, mathematics, computer sciences, human sciences, social sciences and economics.
- **Symposium Journals**: Symposium Journals is a pioneer in the publication of online-only academic journals, i.e. journals that have no printed editions but otherwise have the same aims, traditions, standards, and presentation as conventional journals
- **Taylor & Francis Online Journals**: Over 1200 titles in humanities, social sciences and applied sciences.
- **Thomson Reuters - Web of Science**: The Web of Science provides seamless access to current and retrospective multidisciplinary information from approximately 8,500 of the most prestigious, high impact research journals in the world. Included within this service is access to the citation databases and ISI Web of Knowledge.
- **University of California - Caliber**: Access to 7 Journals of the University of California Press.
- **University of Chicago Press - Chicago Journals Online**: The Journals Division publishes journals and serials in a wide range of disciplines, including several journals that were the first scholarly publications in their respective fields.
- **Walter de Gruyter Online Journals**: 67 titles delivering a wide variety of content in humanities, medicine, the sciences and law.
- **Wiley InterScience**: Access to the full text of over 500 leading scientific, technical, medical, and professional journals.
- **World Bank Publications**: World Bank Online Resources, a package of electronic databases that includes: World Bank e-Library, World Development Indicators (WDI) Online and Global Development Finance (GDF) Online.

## Document Delivery

- **African Journals OnLine (AJOL)**: Tables of Contents and abstracts of over 200 African journals with document delivery.
- **British Library Document Supply Centre**: The world's largest collection devoted to the provision of remote document delivery covering every aspect of science, technology, medicine and humanities, in many languages.

# FREE ELECTRONIC RESOURCES

## 1. MULTIDISCIPLINARY OPEN ACCESS E- RESOURCES

Below is information about electronic resources that are open access and freely available to researchers in developing and emerging countries. Please visit the specific websites (Ctrl +click link) for further information)

- [African Journals OnLine \(AJOL\)](#)  
AJOL is a database of journals published in Africa, covering the full range of academic disciplines. The objective of AJOL is to give greater visibility to the participating journals, and to the research they convey by providing access to tables of contents and abstracts on the Internet, links to full text (if available) plus document delivery of paper articles, which is subsidised to developing countries. Journals are included on the basis of their quality of content and proven record of regular publication.
- [Bangladesh Journals OnLine \(BanglaJOL\)](#)  
BanglaJOL is a database of journals published in Nepal, covering the full range of academic disciplines. The objective of BanglaJOL is to give greater visibility to the participating journals, and to the research they convey. BanglaJOL provides information on each participating journal, including aims and scope, contact details and general information. It also provides tables of contents and abstracts (where available) for all articles published within these journals. Many full text articles are also available.
- [Bioline International](#)  
Bioline International is a not-for-profit electronic publishing service committed to providing access to quality research journals published in developing countries. Explicit goal of reducing the South to North knowledge gap. Publishes in the following areas: health (tropical medicine, infectious diseases, epidemiology, emerging new diseases), biodiversity, the environment, conservation and international development. Features 30 peer-reviewed journals from Brazil, Cuba, India, Indonesia, Kenya, South Africa, Uganda, Zimbabwe. Many journals are available free of charge. All participants provide their material on an open-access basis.
- [BUBL Information Service](#)  
A national (UK oriented) information service for the higher education community. Excellent for tracking down UK institutions. It also links to over 10,000 quality Internet resources covering all subject areas, and sub-divided by type of resource. Search or browse functions.
- [Cooperative African Newspapers Project](#)  
A new project to create an electronic database of holdings information for newspapers (all formats and all languages) published in sub-Saharan Africa. Initially it will consolidate holdings information for collections in North America, but will later expand to include holdings of libraries in Africa, Europe, and elsewhere. The project is sponsored by the Africana Librarians Council (ALC) of the [US] African Studies Association, and the Cooperative Africana Microform Project (CAMP) of the Center for Research Libraries (CRL).
- [DOAJ](#) (Directory of Open Access Journals) : This service covers free, full text, quality controlled scientific and scholarly journals, covering all subjects and languages.
- [Eldis](#)  
Eldis is an internet based information service: filtering, structuring and presenting development policy, practice and research information via the web and email. It maintains an ever-growing library of editorially selected and abstracted online documents, and an organisational directory of development-related internet services. Users can browse more than 22,000 summarised documents from over 4,500 development organisations - all available free to download.
- [Electronic Journals Library](#)  
The Electronic Journals Library is a service offered by the University Library of Regensburg to facilitate the use of scholarly journals on the Internet. At the moment, it contains 19540 titles, among them 2195 online-only journals, covering all subjects. 7414 journals can be read free-of-charge.
- [Electronic Supply of Publications \(ESAP\)](#)  
A project of the International Association of University Presidents (IAUP) in cooperation with the International Federation of Catholic Universities (IFCU), the eSAP - project is a collaboration project between universities in the North and the South. It has two clear goals: To promote the access to the international scientific journals by means of Internet for universities in developing regions and to supply academics in developing regions with the possibility to electronically publish their articles on the Internet.
- [E-LIS](#)  
E-LIS is an open access archive for scientific or technical documents, published or unpublished, on Librarianship, Information Science and Technology, and related disciplines. It offers free access to "e-prints in library and information science" research papers.
- [FreeForAll](#)  
FreeForAll is a consortium of North American libraries that provides free journal articles to patrons/librarians in developing and less developed nations. To register please email [Laurelkgraham@gmail.com](mailto:Laurelkgraham@gmail.com). Ordering is done through PubMed.
- [Google Scholar](#)  
Google Scholar enables you to search specifically for scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad areas of research. Use Google Scholar to find articles from a wide variety of academic publishers, professional societies, preprint repositories and universities, as well as scholarly articles available across the web."
- [HighWire Press: Sources of free On-Line full text articles and journals](#) HighWire Press work with scholarly societies and responsible publishers to host their content online. HighWire contains 1,880,549 free full-text articles as of May 2008. HighWire Press develops and maintains the web versions of important journals in biomedicine and other disciplines. A list of journals with free full-text articles online is available. There is also a [list of journals](#) published online with the assistance of HighWire Press which offer free online access to current content (not just back issues) to all countries on the World Bank's list of "low income economies".

- [InformationR.net](#)  
Information Research, is an open access, international, scholarly journal, dedicated to making accessible the results of research across a wide range of information-related disciplines.
- [IMARK](#)  
The Information Management Resource Kit (IMARK) is a partnership-based e-learning initiative to train individuals and support institutions and networks world-wide in the effective management of agricultural information. IMARK consists of a suite of distance learning resources, tools and communities on information management.
- [Intute](#)  
Intute is a free online service providing access to the very best Web resources for education and research. The service is created by a network of UK universities and partners. Subject specialists select and evaluate the websites in our database and write high quality descriptions of the resources. The database contains 116932 records.
- [Nepal Journals OnLine \(NepJOL\)](#)  
NepJOL is a database of journals published in Nepal, covering the full range of academic disciplines. NepJOL provides information on each participating journal, including aims and scope, contact details and general information. It also provides tables of contents and abstracts (where available) for all articles published within these journals. Many full text articles are also available.
- [Online Books](#)  
Founded and edited by John Mark Ockerbloom and hosted by the University of Pennsylvania Library, Online Books is a website that facilitates access to 20,000 books that are freely readable over the Internet. It also aims to encourage the development of such online books, for the benefit and edification of all. Users can search and browse by New Listings, Author, Title and Subject.
- [Open J-Gate](#)  
The World's Largest Open Access English Language Journals Portal - OPEN J-Gate is an electronic gateway to global journal literature in open access domain. Open J-Gate provides seamless access to millions of journal articles available online, with links to full text at publisher sites.
- [Philippines Journals Online \(PhilJOL\)](#)  
PhilJOL is a database of journals published in the Philippines, covering the full range of academic disciplines. PhilJOL provides information on each participating journal, including aims and scope, contact details and general information. It also provides tables of contents and abstracts (where available) for all articles published within these journals. Many full text articles are also available.
- [Pinakes: A Subject Launchpad](#)  
Hosted by Heriot-Watt University in Edinburgh, this is a useful shortcut bringing together links to 38 of the principal, high-quality subject gateways, together with 10 multi-subject gateways.
- [Portal LivRe!](#)  
Nuclear Information Center (Brazil) maintains a portal to ease the identification and access to free journals available on the Internet. It currently has 2,525 free journals. There is a multi-lingual search interface allowing the use of Portuguese, English and Spanish.
- [Project Gutenberg](#)  
This project digitises books which are in the public domain and puts them online free of charge. Project Gutenberg publishes an average of one e-text every day.
- [Réseau électronique francophone \(REFER\)](#)  
This guide and network offers a very large number of links - searchable by subject or geographically - to information about the countries of the South - particularly francophone Africa - including educational institutions, research organisations, media, cultural sites, etc.
- [Scholarly Publishing and Academic Resources Coalition \(SPARC\)](#)  
SPARC is an alliance of academic and research libraries and organisations working to correct market dysfunctions in the scholarly communication system. Developed by Association of Research Libraries (ARL) SPARC serves as a catalyst for change. Its pragmatic focus is to facilitate the emergence of systems that capitalise on the networked environment to disseminate research. Its strategies expand competition and support open access to address the high and rising cost of scholarly journals, especially in science and technology, and medicine – a trend which inhibits the advancement of scholarship.
- [Survey of Scientific and Technological Information Needs in Less-Developed and Developing Countries](#)  
This International Federation of Library Associations and Institutions, Section of Science and Technology Libraries Web site brings together journal articles, publications, reports, conference proceedings, research, and Web sites on the needs of scientific and technological libraries in less-developed and developing countries. The literature survey includes both the activities of scientific and technological libraries as well as the needs of scientists and technologists and the implication on libraries. Geographic coverage includes Africa, Asia, and South America. Languages concentrate on the five official IFLA languages: English, French, German, Russian, and Spanish. The literature search focuses on the fields of library and information science, and the subject disciplines of computer science, physics, chemistry, mathematics, astronomy, and geology
- [UNESCO](#)  
The UNESCO catalog lists over 100,000 UNESCO documents and provides access to the full text of many of these.
- [Vietnam Journals OnLine \(VJOL\)](#)  
VJOL is a database of journals published in Vietnam, covering the full range of academic disciplines. VJOL provides information on each participating journal, including aims and scope, contact details and general information. It also provides tables of contents and abstracts (where available) for all articles published within these journals. Many full text articles are also available.



## 2. SUBJECT SPECIFIC OPEN ACCESS E - RESOURCES

- Below is information about subject specific e-resources that are open access and freely available to researchers in developing and emerging countries. Please visit the specific websites (Ctrl +click link) for further information)

### AGRICULTURE

- [INASP Rural Development Directory](#)  
This Directory provides access to a wide range of information on rural development. It contains profiles of more than 450 international, regional and national networks and organisations around the globe, and is particularly concerned to promote South-South information dissemination and interchange. Each entry provides contact details and a brief description of the organisation, highlighting its objectives, activities, subject areas of interest and geographical coverage.
- [Public Intellectual Property Resource for Agriculture](#) (PIPRA)  
PIPRA is a non-profit organization committed to the strategic management of agricultural intellectual property developed by universities and research institutions world-wide, encouraging the broadest commercial and humanitarian applications of agricultural technologies for the development of improved crops. PIPRA offers a wide number of services supportive of the management of agricultural intellectual property, access to ag-biotechnologies, and development of biotechnology research tools and products. PIPRA's publicly available, on-line IP database consolidates information, including licensing availability, of agricultural technologies accessible for research and development.

### BIOLOGY AND LIFE SCIENCE

- [American Society for Microbiology](#) (ASM)  
Back issues of the eleven journals of the American Society for Microbiology are now available full-text online without cost through the link above and PubMedCentral. Embargo periods range from 6-12 months.
- [BioOne](#)  
BioOne is the product of collaboration between scientific societies, libraries, academe and the private sector and brings to the Web an aggregation of the full-texts of high-impact bioscience research journals. Most of BioOne's titles are published by small societies and non-commercial publishers, and, until now, have been available only in printed form. BioOne provides integrated, cost-effective access to a thoroughly linked information resource of interrelated journals focused on the biological, ecological and environmental sciences.
- [Electronic Journal of Biotechnology](#)  
Electronic Journal of Biotechnology is an international scientific electronic journal which publishes papers from all areas related to Biotechnology. Coverage ranges from molecular biology and the chemistry of biological process to aquatic and earth environmental aspects, as well as computational applications, policy and ethical issues directly related to Biotechnology. EJB operates a policy that permits the widest possible distribution of information and use, without profit and free of charge by the scientific and academic community.
- [Journal of Biology](#)  
The Journals of Biology is a new international journal, published by BioMed Central, which provides immediate open access to research articles of the highest standard, similar to those published by Nature, Science or Cell. Unlike the latter, all research articles published in Journal of Biology will be permanently available free of charge and without restrictions, ensuring the widest possible dissemination of the work.
- [Journal of Insect Science](#)  
Publishes papers in all aspects of the biology of insects and other arthropods from the molecular to the ecological, and their agricultural and medical impact. An international journal published by the University of Arizona Library. Freely available to individuals and institutions via the Web. No cost inclusion of colour figures, videos, sound and large data sets.
- [NCBI](#)  
Established in 1988 as a national resource for molecular biology information, NCBI creates public databases, conducts research in computational biology, develops software tools for analysing genome data, and disseminates biomedical information - all for the better understanding of molecular processes affecting human health and disease.
- [PubMed Central](#)  
PubMed Central is an open access web-based archive of journal literature for all of the life sciences. It is being developed by the National Center for Biotechnology Information (NCBI) at the U.S. National Library of Medicine (NLM).

### CHEMISTRY

- [American Chemical Society](#)  
The world's largest scientific society, is broadening access to research articles published in its 33 scholarly journals. The Society is introducing two new experimental policies, coming into effect during 2005, that define how readers can view free digital versions of ACS articles beginning one year after publication. Unrestricted access via author-directed links 12 months after publication are to be provided in addition to the 50 free e-prints currently allowed during the first year of publication.
- [Chemistry Preprint Server](#)  
ChemWeb's chemistry preprint server is a freely available and permanent Web archive and distribution medium for scientific research articles in the field of chemistry. It allows users to submit their articles to the server where they become accessible to all the members of ChemWeb.com. Follow the instructions for registration, which is required for free membership.
- [Crystallography Online](#)  
The datasets associated with journals published by the Union of Crystallography (IUCr) can be accessed free of charge from its website.

Through Crystallography Online IUCr aims to provide extensive coverage of current and internet-based information concerning crystallography and of interest to crystallographers. This includes access to over 50 wide ranging specialist subject databases.

- [International Journal of Molecular Sciences](#)  
Provides an advanced forum for chemistry, molecular physics (chemical physics and physical chemistry) and molecular biology. Publishes reviews, regular research papers and short notes. Encourages scientists to publish their theoretical and experimental details in as much detail as possible - there is no restriction on the length of the papers. Free to access to all users in its electronic format.
- [Molecules](#)  
An internet journal of synthetic chemistry and natural product chemistry. Reviews, regular research papers and notes are considered. Our aim is to encourage chemists to publish as much as possible their experimental detail, particularly synthetic procedures and characterisation information. There is no restriction on the length of the experimental section. Free access to all articles to all users, online.
- [TOXNET](#)  
A cluster of databases on toxicology, hazardous chemicals, and related areas with free to access abstracts plus links to a range of related NLM sites.
- [WWW Chemistry Guide](#)  
Comprehensive and evaluated guide to web sites related to chemistry and the chemical industry. Its mission consists in collecting and independently annotating all useful chemistry sites.

## EARTH SCIENCES

- [Center for International Earth Science Information Network \(CIESIN\)](#)  
CIESIN is a centre within the Earth Institute at Columbia University. CIESIN works at the intersection of the social, natural, and information sciences, and specialises in on-line data and information management, spatial data integration and training, and interdisciplinary research related to human interactions in the environment. CGSD (Center for Globalization and Sustainable Development) and CIESIN Data Sets are available on [www.ciesin.columbia.edu/eidata](http://www.ciesin.columbia.edu/eidata)
- [ICSU Navigator for Primary and Scientific Publications](#) - Earth Sciences  
This gateway site covers all disciplines in the earth sciences and contains descriptions of nearly 1,500 titles. Search capabilities include context and keyword search. There is also a links section to publishers most active in the earth sciences field.

## ENGINEERING & TECHNOLOGY

- [CoRR](#)  
The Online Computing Research Repository (CoRR) serves as a single repository to which researchers from the whole field of computing can submit papers and reports to increase visibility and access. Available to all members of the community at no charge.
- [National Information Service for Earthquake Engineering \(NISEE\)](#)  
Based at UC Berkeley, this is an online collection of abstracts, reports, books, slides and images free to access. Large selection of software programmes available for free download.
- [National Technical Information Service \(NTIS\)](#)  
The US Department of Commerce, National Technical Information Service (NTIS) has begun electronic delivery of all its reports dating to 1997. Reports numbering fewer than 20 pages are free; those over 20 pages are \$8.95. The scanned reports appear in Adobe PDF.

## ENVIRONMENT

- [Conservation and Society](#) is a peer-reviewed interdisciplinary journal that aims to promote work on the theory and practice of conservation. The journal is dedicated to publishing work from both natural and social sciences and covers basic and applied research. The journal is committed to disseminating information in the developing world. Free online access is available for all articles and hard copy subscriptions are highly subsidised for Asia, Africa and Latin America.
- [Environmental Health Perspectives](#)  
EHP is an open access journal, supported by the US National Institute of Environmental Health Sciences, National Institutes of Health, publishing peer-reviewed research and news on environmental factors which affect human health, environmental health science, toxicology, environmental health care and environmental/occupational medicine. EHP is freely available to everyone online immediately after publication.
- [EPA - Environmental Protection Agency](#)  
Access to scientific information that may be useful in understanding and protecting the environment including access to research publications and technical documents, test methods, data, software, models, and other scientific tools plus access to laboratories, research centres, and other EPA scientific organisations.

## HUMANITIES

- [Voice of the Shuttle](#)  
This is a good starting point for humanities research and Internet resources. Search or browse by broad subject groups; also university home pages, libraries and museums, reference resources, journals, publishers, and more; maintained by Alan Liu, University of California at Santa Barbara.

## INFORMATION & COMMUNICATION TECHNOLOGIES (ICTs)

- [Association for Information Systems](#)  
Full access to the Journal of the Association of Information Systems. The Association for Information Systems (AIS) founded in 1994, is a professional organization whose purpose is to serve as the premier global organization for academics specializing in Information Systems.
- [Current Cites](#)  
Good annotated online bibliography of selected articles, books, and digital documents on information technology; also offers an article search.
- [Electronic Journal on Information Systems in Developing Countries](#) (EJISDC)  
A publication by the City University of Hong Kong in association with two Dutch universities, this journal is dedicated to the problems and opportunities in information systems in developing countries—and to assist policy makers to share knowledge and experience in the design, development, implementation, management and evaluation of such systems. Access to full-text articles is free, and which are provided as Adobe pdf files.
- [Journal of Machine Learning Research](#) (JMLR)  
Provides an international forum for the electronic and paper publication of high-quality scholarly articles in all areas of machine learning. Free access to all articles to all users, online.
- [LearnLink](#)  
Funded by USAID, LearnLink uses information, communication and educational technologies to strengthen learning systems essential for sustainable development. Offers a good range of online resources that pertain to the use of modern communication technology and multimedia, including computer assisted instruction, distance education, community communication centres, and e-commerce online.
- [TerraLib](#)  
TerraLib is a GIS classes and functions library, available from the Internet as open source, allowing a collaborative environment and its use for the development of multiple GIS tools. Its main aim is to enable the development of a new generation of GIS applications, based on the technological advances on spatial databases. TerraLib is free software available to any users wishing to download it.

## MATHEMATICS AND STATISTICS

- [Algebraic & Geometric Topology](#)  
AGT is a fully refereed journal covering all of topology, understood broadly. AGT is published in free electronic format by Geometry and Topology Publications, with papers appearing a few days after acceptance. AGT is freely available online to all users.
- [Documenta Mathematica](#)  
SPARC partner mathematics journal co-hosted between the University of Beielefeld in Germany and The University of Urbana in the US. (for more details about SPARC, please see below). All articles are free to access for all users.
- [DML: Digital Mathematics Library](#)  
This site, prepared and maintained by Ulf Rehmann, contains links to 1822 digitized maths books (361524 pages) and 126 digitized maths journals (2609672 pages) searchable by author or title.
- [e-Math for Africa](#)  
The aim of this site is to coordinate the efforts to make an African consortium for e-journals and databases. It includes 200+ links to open journals in mathematics and access to several mathematics databases.
- [Geometry and Topology](#)  
Fully refereed international journal dealing with all aspects of geometry and topology and their applications. Geometry and Topology is free to access to all users in its electronic format.
- [International Mathematics Union](#) (IMU)  
Free access to Bulletins and Newsletters from the International Mathematics Unions and its members. The newsletter aims to improve communication between IMU and the worldwide mathematical community, by reporting decisions and recommendations of IMU, and highlighting issues that are under discussion. In addition, IMU-Net will report on major international mathematical events and developments, and on other topics of general mathematical interest.
- [Project Euclid](#)  
Joint project between Cornell University and SPARC, Project Euclid's mission is to advance scholarly communication in the field of theoretical and applied mathematics and statistics. Project Euclid hopes to address the unique needs of low-cost independent and society journals. Through a collaborative partnership arrangement, these publishers join forces and participate in an online presence with advanced functionality, without sacrificing their intellectual or economic independence or commitment to low subscription prices. Full-text searching, reference linking, interoperability through the Open Archives Initiative, and long-term retention of data are all important components of the project.

## MEDICINE & HEALTH SCIENCES

- [American Medical Association](#) (AMA)  
The scientific publications of the American Medical Association, through HINARI (Health InterNetwork Access to Research Initiative) <http://www.healthinternetwork.net/>, are made available to the poorer countries of the world at very low rates. Scientific journal titles include: The Journal of the American Medical Association (JAMA); Archives of Dermatology; Archives of Facial Plastic Surgery; Archives of General Psychiatry; Archives of Internal Medicine; Archives of Neurology; Archives of Ophthalmology; Archives of Otolaryngology--Head and Neck Surgery; Archives of Pediatrics and Adolescent Medicine and Archives of Surgery.
- [BioMed Central](#)  
BioMed Central offers online publishing of articles in all areas of original biomedical research with full peer review and open access.

Submission is online and authors retain copyright. All original articles are published in one of the BioMed Central journals (over 100 Open Access journals covering all areas of Biology and Medicine), as well as being posted without delay on PubMed Central and indexed in PubMed.

- [BMJ Journals](#)  
Free access to the electronic version of the British Medical Journal Publishing Group's 25 specialist journals now including Evidence-based journals. These are freely accessible to anybody in the 100 poorest countries in the world. Users should follow the standard subscription procedures as the BMJ subscription system will automatically recognise the origin of access.
- [Cancer.gov](#)  
Free to search abstract database from the US National Cancer Institute.
- [Essential Health Links](#)  
A Gateway to selected Web sites of special interest to health professionals, medical library communities, publishers, and NGOs in developing and transitional countries. It covers General Resources (search engines, gateways, bibliographic databases, abstracts, clinical trials databases, research networks, dictionaries, glossaries, disease classifications, evidence based medicine, full-text E-books, image collections, journals, newsletters, medical education resources, news, useful email lists, and WHO sites); plus Subject Index (e.g. Anaesthesiology, Basic Sciences, Dermatology, HIV/AIDS etc.); plus Library and Publishing Support and Use of ICTs (Information for Development, Internet Skills, Medical Informatics/E-Health, Publishing Tools).
- [FreeBooks4Doctors](#)  
The AMEDEO Group are now making many important medical textbooks available online, free and in full-text. 1 Currently 600 titles are included in the service, sorted by speciality and title. FreeBooks4Doctors! also provides a free alert service as new titles are added.
- [Free Medical Journals](#)  
The Free Medical Journals Site is dedicated to the promotion of free access to medical journals over the Internet. Currently 1380 full-text journals sorted by subject, language, and title, as well as highlight free journals with high impact factors. There is also a mailing list to alert you as new free journals are added to their list.
- [Geneva Foundation for Medical Education and Research](#)  
Collection of open access and free journals in a wide range of medical disciplines.
- [Health InterNetwork Access to Research Initiative \(HINARI\)](#)  
HINARI provides a vast library of the latest and best information on public health: more than 2,000 scientific publications, one of the world's largest collections of biomedical literature.
- [INDMED](#)  
India's contribution in the areas of biomedical research and health care has been significant and conforming to international standards. However, only a small fraction of it is available for reference through international bibliographic databases. In an effort to redress this imbalance, the National Informatics Centre of India has developed INDMED. Initially this site offers access to the tables of contents and abstracts of 75 leading Indian journals. More journals would be added to the list as their quality improves in coming years. Access to this database is free and open to all users. See also <http://medind.nic.in/> for a one point resource of peer reviewed Indian biomedical literature covering full text of IndMED journals.
- [Intute: Health and Life Sciences](#)  
A free online service providing access to the very best web resources for education and research, evaluated and selected by a network of subject specialists.
- [Journal of Medical Internet Research](#)  
Founded in 1999, is the first international scientific peer-reviewed journal on all aspects of research, information and communication in the healthcare field using Internet and Intranet-related technologies. Free access to all articles to all users, online. Full text content of the journal is also available from Bioline International.
- [Journal of Nursing Leadership](#)  
The complete version of this peer-reviewed leadership, management and best practices journal is available in electronic format for use by faculty and students at no charge. Access by all computers on an institution's network is set up through IP Authentication. For further details contact: [rhart@longwoods.com](mailto:rhart@longwoods.com)
- [Journal of Postgraduate Medicine](#)  
A multidisciplinary quarterly biomedical journal, is one of the oldest medical journals from India. The journal is official publication of the Staff Society of Seth G. S. Medical College and K. E. M. Hospital, Mumbai, India. The website of the journal provides free access to full text of articles from 1990. Free access to all articles to all users, online.
- [Lancet.Com](#)  
An international health and e-print server organised by The Lancet. Free registration is required. Free access is available to pre-print articles and unpublished work. The Lancet is committed to making educational resources accessible to clinicians in resource-poor countries. This electronic research archive in international health enables authors to self-archive research relevant to medicine in the developing world, with subsequent comments on the research posted alongside.
- [MedicalStudent.com](#)  
MedicalStudent.com is described as a digital library of authoritative medical information for all students of medicine. It is meant to serve as a "pico portal" for users interested in quality medical resources on the Internet. Contains over 250 medical textbooks arranged alphabetically in topics from Anatomy to Urology. Each textbook included is free to use, in part or in whole
- [New England Journal of Medicine](#)  
The New England Journal of Medicine is available to over 60 countries (listed on their web site) under its "Access for Low-Income



Countries" program. Users from these countries will be recognised automatically by their IP addresses and allowed access to full text without charge.

- [POPLINE Database](#)  
POPLINE, the world's largest bibliographic database on population, family planning, and related issues, is now available free of charge on the Internet. All 280,000 citations, representing published and unpublished literature, can be accessed for no charge. Individuals from developing countries can request up to 15 fulltext documents per day through the document delivery service.
- [Ptolemy Project](#)  
A research partnership between the Office of International Surgery at the University of Toronto and members of the Association of Surgeons of East Africa (ASEA), combines the provision of access to high quality electronic health information with a process to evaluate its impact for the participants. It aims to answer the question, does access to full-text health information have a positive effect on surgical practice, teaching and research in East Africa.
- [PubMed](#)  
PubMed, a service of the National Library of Medicine, includes over 14 million citations for biomedical articles back to the 1950's. These citations are from MEDLINE and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources. To access the full text available, please make sure that the box "Free full-text only" is ticked when you perform your search.
- [PubMedCentral](#)  
The U.S. National Library of Medicine's digital archive of life sciences journal literature claims to offer open access to over 80,000 articles from over 100 journals. Access to much of the full text on PMC is free and unrestricted. A journal may make its content available in PMC as soon as it is published, or it may delay its release in PMC for a specified period after initial publication. Current PMC journals have delays ranging up to two years, with most releasing their material six months or less after publication.
- [Royal College of Psychiatrists](#) (UK)  
The Royal College of Psychiatrists allows free access to the online full-text version of its three journals ('British Journal of Psychiatry', 'Psychiatric Bulletin' and 'Advances in Psychiatric Treatment') to 75 different developing countries.
- [SciELO Public Health](#)  
Public Health is an electronic library online covering health science articles published by scientific journals. Its primary goal is to provide universal and integrated access to scientific journals in the health science area within Ibero-American countries.
- [Washington DC Principles](#)  
Forty-eight non-profit publishers of 380 journals each year, representing more than 600,000 members of medical and scientific societies, and posting 800,000 articles on line each year, of which more than 440,000 are free, have signed the "Washington DC Principles for Free Access to Science" whose gist is:  
Selected important articles of interest are free online from the time of publication  
The full text of our journals is freely available to everyone worldwide either immediately or within months of publication, depending on each publisher's business and publishing requirements  
The content of our journals is available free to scientists working in many low-income nations  
A list of the journals can be found at <http://www.dcprinciples.org/signatories.htm>
- [WHO Reproductive Health Library](#)  
Now in its seventh edition, this electronic review journal focuses on evidence-based solutions to reproductive health problems. RHL includes the full text of systematic reviews produced by the Cochrane Collaboration, with commentaries on implications for practice, as well as the Lancet epidemiology series on randomised controlled trials, videos on implementation, and other resources to help improve reproductive health. A subscription to the WHO Reproductive Health Library is free to individuals in developing countries by sending the request to the e-mail address: [rhl@who.int](mailto:rhl@who.int)

## PHYSICS

- [ArXiv](#)  
Ground-breaking pre-print server in selected physics, computer science, maths and neuroscience disciplines. Contains 100,000's articles submitted by members of the user community. Free access to all papers to all users.
- [CERN](#)  
Over 650,000 bibliographic records, including 320,000 fulltext documents, of interest to people working in particle physics and related areas. Covers preprints, articles, books, journals, photographs, and much more.
- [Living Reviews in Relativity](#)  
A refereed solely electronic journal offering reviews in all areas of relativity, including an extensive reference database. Published by the Albert Einstein Institute Max-Planck-Institute for gravitational physics in Germany. Free access to all articles to all users, online.
- [NASA Astrophysics Data System](#)  
The Astrophysics Data System (ADS) is a NASA-funded project that provides free access to over 300,000 free full-text articles in astronomy and astrophysics. Most of the major astronomical journals are included. In many cases articles published in the current year are not available through ADS. Articles are available in PDF, GIF, or other electronic formats.
- [New Journal of Physics](#)  
New Journal of Physics is co-owned by the Institute of Physics and Deutsche Physikalische Gesellschaft, and is supported by a growing number of physical societies around the world. NJP is available without charge to readers and is funded by article charges from authors of published papers.

## SCIENCE GENERAL

- [Best of Science](#)  
The Best of Science is a free-access scientific publication of preprints and peer-reviewed articles. It is publishing in five major fields split in thousands of special areas: Exact Sciences, Technologies, Biological Sciences, Medical Sciences and Human Sciences. Best of Science authors pay for the publishing process of papers and preprints. Fees are low and especially adapted to respond to the geographical origins of the authors. Papers can be published 1 week after reception. Access to the journal is wholly free.
- [ContentsDirect](#)  
A free e-mail service which delivers Elsevier Science book and journal tables of contents directly to your PC, providing you with the very latest information on soon-to-be published research. Imprints covered by this service are Elsevier, Pergamon, North Holland and Excerpta Medica. Free registration to ContentsDirect also entitles you to unlimited free access to Sample Copies Online using the same username and password.
- [eJDS - eJournals Delivery Service](#)  
The Abdus Salam ICTP/TWAS Donation Programme, in collaboration with the ICTP Scientific Computer Section and ICTP Library, is developing a prototype information retrieval system called eJDS: eJournals Delivery Service. This is geared to facilitate the access to current scientific literature for scientists in institutions in Third World Countries who have low bandwidth internet facilities. Titles are included from Academic Press, the American Physical Society, Institute of Physics Publishing and World Scientific.
- [Entropy](#)  
An open access international and interdisciplinary journal of entropy and information sciences, publishes peer-refereed reviews, regular research papers and short notes. Entropy's aim is to encourage scientists to publish as much as possible their theoretical and experimental details. Entropy follows the guidelines of the Budapest Open Access Initiative.
- [Google Directory](#)  
Comprehensive trawl of web sites offering free science publications.
- [Indian Academy of Sciences](#)  
The prestigious peer-reviewed journals of the Indian Academy of Sciences are available online free to all users. The first issue of the Academy Proceedings appeared in July 1934. Publications cover the physical sciences, life sciences, physics, mathematics, chemistry, earth and planetary sciences, plant sciences, animal sciences, and modern biology, materials science, astrophysics and astronomy, genetics plus the journal Resonance, aimed at improving the quality of science education and teaching. Access to all of these journals is free and open to all users.
- [International Institute for Applied Systems Analysis \(IIASA\)](#)  
A non-governmental research organisation conducting inter-disciplinary scientific studies on environmental, economic, technological and social issues in the context of human dimensions of global change, IIASA's charter stipulates that all its research findings should be freely disseminated worldwide. The full-text of the institute's publications can be downloaded from its website at: [http://www.iiasa.ac.at/docs/IIASA\\_Publications.html](http://www.iiasa.ac.at/docs/IIASA_Publications.html) at no charge. The contents of this catalogue can be browsed by author, date, project, subject or type, or the required publication can be located using a simple keyword search. A free quarterly newsletter, Options, is also available from: <http://www.iiasa.ac.at/Options/> IIASA is a member of ICSU.
- [Intute: Science, Engineering and Technology](#)  
Intute: Science, Engineering and Technology is a free online service providing you with access to the very best Web resources for education and research, evaluated and selected by a network of subject specialists. It covers the physical sciences, engineering, computing, geography, mathematics and environmental science. The database currently contains 34916 records.
- [Journal of the Indian Institute of Science](#)  
The Journal of the Indian Institute of Science was started in 1914 with the objective of publishing quality research papers in science and engineering. Research papers and review articles are selected through a stringent peer review process overseen by the editorial board. The Journal is a multi-faceted publication with content likely to be of interest to research students as well as academic and R & D professionals. Free and open access to all articles for all users.
- [National Academy Press](#)  
Over 2,800 reports, e-newsletters and journals from US National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine, and the National Research Council.
- [Platinum Metals Review](#)  
Quarterly journal of research on the platinum metals and of developments in their application in industry.
- [Public Library of Science \(PLOS\)](#)  
A non-profit organisation of scientists committed to making the world's scientific and medical literature a public resource. PLoS currently plans to begin publishing two new journals - working titles PLoS Biology and PLoS Medicine - publishing the best peer-reviewed original research articles, timely reviews and commentary. PLoS Biology launched its first issue on October 13, 2003, in print and online. PLoS Medicine will follow in autumn 2004. The PLoS journals will retain all of the important features of scientific journals, including rigorous peer-review and high editorial and production standards, but will use a new publishing model that will allow PLoS to make all published works immediately available online, with no charges for access or restrictions on subsequent redistribution or use.
- [SciDevNet](#)  
SciDevNet provides a variety of topical news, views and information about science, technology and development, including coverage of developments in Latin America, the Middle East, South and East Asia, and Sub-Saharan Africa, for which it offers a series of regional gateways. There are also book reviews, notices about meetings, grants and jobs, together with links to scientific organisations, news sources, journals, and aid/funding agencies.

- [SciELO Scientific Electronic Library Online](#)  
The objective of the site is to implement an electronic virtual library, providing full access to a collection of serial titles (from Brazil, Cuba and Chile in a broad range of subjects languages ie Portuguese, Spanish and English), a collection of issues from individual serial titles, as well as to the full text of articles. The access to both serial titles and articles is available via indexes and search forms. No charge is made.
- [Science and Technology Sources on the Internet](#). There is Such a Thing as a Free Lunch: Freely Accessible Databases for the Public (by Sandy Lewis)  
A good descriptive inventory of databases that produce lists of citations to scientific literature, and which are freely accessible. In addition to the major free databases such as UnCover, Agricola, Medline, etc. it also includes searchable databases from learned societies, government agencies, electronic journal publishers, and various discussion groups-all freely accessible.
- [SCIRUS](#)  
A specialist search engine for scientific, technical and medial information sources. It offers two types of services: Web sources provide information for which no subscription or online registration is required. Scirus searches the entire Web and excludes sites with no scientific content. Examples of Web sources are university Web sites, learned society pages, scientists home pages, preprint servers, commercial companies, etc. Membership sources are information sources for which either a paid subscription or online registration is required, and often including peer-reviewed scientific information not directly accessible by standard search engines.
- [WorldWideScience.org](#)  
WorldWideScience.org is a global science gateway—accelerating scientific discovery and progress through a multilateral partnership to enable federated searching of national and international scientific databases and portals.

## SOCIAL SCIENCES

- [Behavioural and Brain Sciences](#)  
Totally open archive journal where users can submit papers, commentaries, responses and search the archive for papers in all fields of the Brain/Behavioural Sciences. Access to all articles is free to all users.
- [Biblioteca Virtual de Ciencias Sociales de América Latina y el Caribe](#)  
An initiative of the Latin American Council of Social Sciences (Consejo Latinoamericano de Ciencias Sociales, CLACSO) providing free access to 1,800 full-text books, periodical articles, conference proceeding and also to databases with information about publications, research projects and researchers working in its network of 130 social science research institutions in 19 countries of Latin America and the Caribbean.
- [Cogprints](#)  
Leading electronic archive for self-archive papers in any area of psychology, neuroscience, and linguistics, and areas of computer science, philosophy, biology, the physical, social and mathematical sciences that are pertinent to the study of cognition.
- [Educause Quarterly](#)  
Educause (formerly Cause/Effect) is a freely accessible practitioner's journal containing articles that relate to planning, developing, using, and evaluating information resources in higher education, covering aspects such as information systems development, user services, telecommunications and networking, database administration, and instructional technology development and co-ordination.
- [Electronic Development and Environment Information System \(ELDIS\)](#) (hosted with Devline)  
The British Library of Development Studies's electronic information service for development professionals, including resources directory, Email discussions, links to databases, library catalogues, bibliographies, etc
- [GDNNet's Free Journals Access Portal For Social Sciences](#)  
Global Development Network-North America's new Free Journal Access Portal enables social science researchers based in developing or transitional countries to access a searchable, full-text, online database of more than 120 well-known social-science journals, free of charge. It is made available to GDNNet Profile holders by the Center for Global Development and the Global Development Network-North America (GDN-NA), in cooperation with Project MUSE of the John Hopkins University Press.
- [International Development Research Centre \(IDRC\)](#)  
Access to the collection of online reports and magazines from the IDRC, Canada.  
The International Journal of Education and Development using Information and Communication Technology  
<http://ijedict.dec.uwi.edu/>  
IJEDICT is an e-journal that provides free and open access to all of its content and aims to strengthen links between research and practice in ICT in education and development in hitherto less developed parts of the world, e.g., developing countries (especially small states), and rural and remote regions of developed countries. The emphasis is on providing a space for researchers, practitioners and theoreticians to jointly explore ideas using an eclectic mix of research methods and disciplines. It brings together research, action research and case studies in order to assist in the transfer of best practice, the development of policy and the creation of theory. Thus, IJEDICT is of interest to a wide-ranging audience of researchers, policy-makers, practitioners, government officers and other professionals involved in education or development in communities throughout the world.
- [International Journal on Multicultural Societies](#)  
The IJMS provides a platform for international, interdisciplinary and policy-related social science research in the fields of migration, multiculturalism, and minority rights. Established by UNESCO's social sciences research and policy division in 1998, it aims at improving the linkages between academic communities in various regions and across different social science disciplines. One of its particular features is to promote the policy-relevance of social science research. Each issue is devoted to a coherent thematic debate on a key issue in the field of migration and multiculturalism.

- [Intute: Social Sciences](#)  
Excellent on-line catalogue of thousands of high-quality Internet resources relevant to social science education and research. Every resource has been selected and described by a librarian or subject specialist; search or browse the catalogue.
- [Psychology](#)  
A refereed international, interdisciplinary electronic journal sponsored by the American Psychological Association (APA) and indexed by APA's PsycINFO and the Institute for Scientific Information. Psychology publishes articles and peer commentary in all areas of psychology as well as cognitive science, neuroscience, behavioural biology, artificial intelligence, robotics/vision, linguistics and philosophy.
- [Social Sciences Virtual Library](#)  
Part of the World Wide Web Virtual Library, this is a major gateway for social science resources on the Internet, covering directories and databases, electronic journals, societies and professional associations, and an extensive section of social science resources grouped by over a hundred subjects, including regional studies.
- [World Development Sources](#) (World Bank)  
World Development Sources (WDS) is a web based text search and retrieval system which contains a collection of over 14,000 World Bank reports most of which are scanned and are available in imaged format, which you can access via a web browser and search through a multi-field search engine. These include Project appraisal reports, Economic and Sector Works, Evaluation reports, studies and working papers.
- [WWW Library: Women's History](#)  
Maintained by the International Institute of Social History in the Netherlands, this is an extensive links collection of Web resources on women's history, including women's history institutions and organizations, libraries and archives, journals for women's studies, upcoming conferences, discussion lists, together with subject or region specific listings (e.g. African History, Asian History, Women Artists, Women in Media, Women in Medicine and Nursing, Women in Music, Women in Science and Engineering, Women Writers



## OTHER PROGRAMS PROVIDING E- RESOURCES

- [AGORA](#) Free or low-cost access to major scientific journals in agriculture and related biological, environmental and social sciences for public academic institutions in developing countries.
- [eIFL](#) eIFL.net is an independent foundation that strives to lead, negotiate, support and advocate for the wide availability of electronic resources by library users in transition and developing countries. Its main focus is on negotiating affordable subscriptions on a multi-country consortial basis, while supporting the enhancement of emerging national library consortia in member countries.
- [HINARI](#) Phase 1: Free access to 2300 biomedical and related social sciences journals and other resources for health sector and academic institutions in 120 developing countries
- [OARE](#) (Online Access to Research in the Environment) : Free access for developing countries to one of the world's largest collections of environmental science literature. Research is provided in a wide range of disciplines, including biotechnology, botany, climate change, ecology, energy, environmental chemistry, environmental economics, environmental engineering and planning, environmental law and policy, environmental toxicology and pollution, geography, geology, hydrology, meteorology, oceanography, urban planning, zoology, and many others.