

www.openaccess.gr

The Greek website for Open Access



ΕΘΝΙΚΟ ΚΕΝΤΡΟ
ΤΕΚΜΗΡΙΩΣΗΣ

NATIONAL
DOCUMENTATION
CENTRE

Open Access

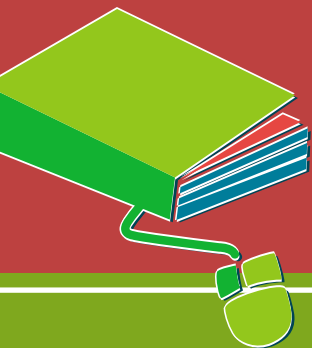
knowledge for all



Open Access Repositories
and Scientific Journals



Infrastructures for Open Access to Scientific Knowledge



Open Access

Open Access is an initiative of the academic and research community for the free, immediate, permanent, online access to digital scientific content. Its aim is to facilitate the exchange of scientific information, to reinforce research and to utilize research results.

Open Access Infrastructures

Repositories

Open Access Repositories are infrastructures of organized digital content, providing free and unlimited access to scientific and research material (articles, books, monographs, PhD theses, conference proceedings, educational material, audiovisual files etc). Institutional Repositories hold materials produced by/ or relevant to an academic or research organization. Thematic Repositories are subject centered and their holdings focus on specific scientific fields.

Scientific Journals

These are electronic scientific journals, freely accessible online. They follow peer-review procedures, while authors are able to retain copyrights. They emerge either through traditional publishing houses, or through the open access publishing procedures, or even through the use of new publishing schemes.

The academic and research community plays a key role in the development of Open Access infrastructures. Academics and researchers can enrich the content of repositories by **self-archiving**, and can also submit articles to open access journals.

The Benefits of Open Access

- Direct and free access to academic and research results
- Dissemination and utilization of research results as a public good
- Reinforcement of communication within the scientific community
- Increase of visibility and citation impact of scientific work at national and global level
- Empowerment of the institutions' status and value by showcasing their scientific output (in repositories)
- Long-term preservation of digital content
- Contribution to innovation, competitiveness and economic growth

The National Documentation Centre (EKT)



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The National Documentation Centre (EKT) develops national open access infrastructures for the organization and dissemination of scientific knowledge, under the project "National Information System for Research and Technology-Phase III, 3rd CSF".

The national open access infrastructures that develops EKT, are the following:

- Helios- National Hellenic Research Foundation Repository
- Humanities and Health Sciences Thematic Repositories
- National Archive of PhD Theses Repository
- Scientific Journals

The infrastructures operate on interactive digital environment for disseminating knowledge overcoming any geographical or technical barrier. They run on open-source software and are managed in collaboration with scientific and research organizations. They are made for universities, research centres, libraries, enterprises, researchers and the general public.

At the same time, the National Documentation Centre carries out awareness activities and is in continuous dialogue with the Greek academic and research community promoting the benefits of Open Access.

www.openaccess.gr

The Greek website
for Open Access

News – Events – Policies – Links –
eGallery – Forum

Technology Infrastructures for Open Access

The Repositories were built on **Dspace, an open-source software platform** developed by the MIT and supporting more than 300 repositories around the world. The National Documentation Centre has developed significant extensions of DSpace for addressing issues such as improved searching and indexing functions for the Greek language, linking between assets, adaptive presentation of evidence, quality control and automatic data processing. These were made in order to support features such as search, navigation, retrieval and long-term preservation of digital assets, as well as interoperability with international repositories and search engines.

The open-access journals are published on the basis of the **open source platform "Open Journal Systems" (OJS)**, which was customized by EKT so as to accommodate each journal's specific needs. Customization included several areas such as publishing specifications, access policy, types of publications, metadata enrichment schemas and thematic categorization along with specific language requirements. The choice of OJS ensures a stable environment for scientific publications, based on international practices.

Within the framework of the project an application has been developed for the rapid processing and analysis of DNA microarray high-throughput experiments, using Grid infrastructure (www.grissom.gr). The application is implemented in collaboration with the Institute of Biological Research and Biotechnology of the National Hellenic Research Foundation and aims to effectively utilize heterogeneous and unconsolidated medical and biological databases. The end products of the project will be exploited by organizations, services or industries of the healthcare/biotechnology sector with the scope to further promote the quality of medical services.



Repositories & Scientific Journals

The new e-publishing service of the National Documentation Centre has generated the following Repositories and Scientific Journals:

Repositories

Helios – National Hellenic Research Foundation Repository

NHRF scientific publications (articles, books, audiovisual files etc.) in digital format.

- Collections navigation and advanced searches
- Access to full-text scientific items
- Networking with international repositories

helios-eie.ekt.gr

Pandektis – Humanities Thematic Repository

Scientific items in the Humanities (main emphasis in Greek history and Culture).

pandektis.ekt.gr

Asclepius – Health Sciences Thematic Repository

Scientific and research material on Health Sciences (mainly Biology and Biotechnology).

asclepius.ekt.gr

National Archive of PhD Theses

The National Archive of PhD Theses, a digital collection maintained institutionally by EKT.

phdtheses.ekt.gr

Scientific Journals

Byzantina Symmeikta

Articles and book reviews on Byzantine Studies. It is published in association with the Institute for Byzantine Research/NHRF.

www.byzsym.org

Tekmeria

Scientific periodical publication on Classical Antiquity. It is published in association with the Institute for Greek and Roman Antiquity/NHRF.

www.tekmeria.org

The Historical Review/La Revue Historique

Periodical publication including articles and book reviews on Modern Greek (Neohellenic) Studies. It is published in association with the Institute for Neohellenic Research/NHRF.

www.historicalreview.org

Biobanking

Scientific journal on clinical research and its findings. It is published in association with renowned scientists in the field.

www.biobankingjournal.org

INE/EIE Notebooks

Scientific periodical publication consisting of research results of the Institute for Neohellenic Research/NHRF.

www.ine-notebooks.org

INE/EIE Newsletter

Periodical publication reporting research news and announcements from the activities of the Institute for Neohellenic Research/NHRF.

www.ine-newsletter.org

International Initiatives

From the very beginning, EKT has been at the forefront of Greece's convergence on the organization of, and free access to, scientific knowledge. It was the first Greek organization to have signed the Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities in 2003, and since then, has been supporting all the initiatives of Open Access Movement.

Budapest Open Access Initiative (February 2002):

This statement made the first reference to the term "open access". Its aim was to co-ordinate solitary initiatives for free accessibility of scientific articles through the Internet.

The Bethesda Statement of Open Access Publishing (June 2003):

The initiative aims to raise awareness of the biomedical scientific community about providing open access to primary scientific literature, as well as to create a set of principles about open access.

The Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities (October 2003):

The declaration calls upon researchers to make their scientific material (preprints as well as raw data) freely available over the internet. Users can consult the research results and use them for subsequent work, on condition that the original author is acknowledged.

Useful Links

The Greek Website for Open Access	www.openaccess.gr
Directory of Open Access Repositories	www.opendoar.org
Directory of Open Access Journals	www.doaj.org
Registry of Open Access Repositories	roar.eprints.org
Open Access Directory	oad.simmons.edu/oadwiki
Scholarly Publishing and Academic Resources Coalition	www.arl.org/sparc
Open access pilot in FP7	ec.europa.eu/research/science-society/open_access
Greek digital libraries search engine	www.openarchives.gr



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