

Open Access Activities in Turkey

Cengiz AYDIN

PhD Student at Ankara University

19 December 2007

Torun

Presentation Plan

- Introduction
 - Short history of Open Access in Turkey
 - Open Access Structures
 - Open Access Initiatives in Turkey
 - Open Access Journals
 - Conclusion
-

Introduction

Open access initiative has been increasingly improving in the means of accessing information without borders in research area. In fact Open Access initiative has been started due to scientists concern and approach and aims to solve problems related to scientific communication systems.

Open access has been increasingly discussed in both theoretical and practical areas in Turkey recently. Many leading universities, institutions and associations have been forming open access archives and simultaneously taking up initiatives to improve open access awareness in the community by creating structures and arranging activities. This presentation gives an overview on open access activities and initiatives undertaken in Turkey.

Short History of Open Access in Turkey

- The concept of open access has been discussed intensively at universities since the beginning of 2005.
 - Open access was discussed at 10th Internet Conference organised by University of Bahçeşehir on 9-11 December 2005.
 - Open access was a subject of several sessions of Academic Informatic Conference organised by University of Pamukkale in 2006.
 - At the same conference Open Access Declaration was formed and announced to public opinion by the chair of committee. Significance of Berlin Declaration, that is accepted internationally, was stressed in the Declaration and it was stated that Turkish universities support open access.
 - Open Access Advisory Board is constituted in 2006.
 - A guiding brochure on open access was prepared by ANKOS in 2006.
 - Many open access application has been started at universities and information centers with this initiatives.
-

Open Access Structures

There are two main structures created to raise awareness on open access initiatives in Turkey;

- Open Access and Institutional Archives Advisory Board
 - Open Access and the Institutional Archives Working Group
-

Open Access and Institutional Archives Advisory Board

Open Access Advisory Board was established in March 2006. The aims of the Advisory Board are:

- to inform and raise open access awareness of policy makers, libraries, universities, research centers and all the institutions about open access to scientific information.
 - to implement collaborative work with stakeholders in order to enhance open access culture, form national policies and generalize the open access archives in Turkey.
 - to organize guiding activities related to projects and initiatives about open access.
-

Open Access and Institutional Archives Advisory Board

Members of Advisory Board;

- ULAKBIM(Turkish Academic Network and Information Center)
 - TKD (Turkish Library Association)
 - ÜNAK (University and Research Library Association)
 - ANKOS (The Anatolian University Libraries Consortium)
-

Open Access and the Institutional Archives Working Group

ANKOS (The Anatolian University Libraries Consortium) established Open Access and the Institutional Archives Working Group (OAIRY/G) in January 2006. Working Group consists of members from both academic and working areas.

The Aims of Working Group are as follows:

- to raise awareness on open access (OA) and institutional repositories (IRs) among information professionals in Turkey.
 - to ensure the cooperation between ANKOS, information professionals, researchers - as to the related practices - and to cooperate with domestic and international organizations who operate in the relevant areas.
-

Open Access Initiatives

The number of open archives is increasing especially at universities. Also many other institutions supports open access initiatives and starts to make their publications freely available on the internet. These are examples of some open access initiatives:

Hacettepe University Open Access Platform

Document types: Theses and dissertations including multi-media components.

Compatible with OAI-PMH : yes

Open Access Initiatives

Ankara University Open Archive

Document types: Unpublished articles, unpublished papers, conference papers, articles, projects, reports and theses
Compatible with OAI-PMH : yes

Gazi University Open Archive

Document types: Articles, presentations, reports, conference papers and theses
Compatible with OAI-PMH : yes

Sabancı University E-Lit

Document types: Preprints, conference papers, research documents.
Compatible with OAI-PMH : no

Open Access Initiatives

- **METU Library Open Archives**
Document types: Theses and dissertations
Compatible with OAI-PMH : yes
- **Atilim University Institutional Open Archive**
Document types: preprints, educational materials, technical reports, conference papers, audio-visual materials.
Compatible with OAI-PMH : no
- **Çukurova University Open Archive**
Document types: Articles, conference papers, reports, educational materials.
Compatible with OAI-PMH : no

*OAI-PMH:Open Archives Initiative Protocol for Metadata Harvesting

Open Access Initiatives

The leading initiatives are as follows:

- Hacettepe University Open Access Platform
 - The Middle East Technical University Library Open Archive
 - Ankara University Open Archive
 - Gazi University Open Archive
 - ULAKBİM (Turkish Academic Network and Information Center)
-

Hacettepe University Open Access Platform

Hacettepe University was founded in 1967 and has the biggest number of refereed papers published in scholarly journals. The "Hacettepe University Electronic Theses Project" has been carried to make the full-texts of graduate theses and dissertations accessible through the Internet in 2005.

This project is carried out by the Department of Information and Records Management. Selected theses; and dissertations, including multimedia components (pictures, maps, audio video features), were scanned and files in PDF (Portable Document Format) format were archived. Open archive currently holds **300** records.

Hacettepe University Open Access Platform

Dublin Core-based metadata was created for each thesis and dissertation. The DSpace software was installed on a web server (Apache Tomcat) running on Linux Fedora Core operating system with access to PostgreSQL database.

The DSpace user interface was translated to Turkish to facilitate the data input, search and retrieval process. This open access archive is the first archive in Turkey compatible with OAI-PMH protocol.

Hacettepe University Open Access Platform



The Middle East Technical University Library Open Archive

The Middle East Technical University (METU), which is Turkey's most competitive university, was founded in 1956 to contribute to the development of Turkey and Middle East countries and to create a skilled workforce in the fields of natural and social sciences.

The Middle East Technical University Electronic Theses and Dissertations project was established in September 2003 to archive and provide access to theses and dissertations (in PDF form) that have been completed at the Middle East Technical University (METU).

The Middle East Technical University Library Open Archive

Since April 2004 the Middle East Technical University Library has been a member of Networked Digital Library of Theses and Dissertations (NDLTD) - an initiative created to improve graduate education, increase sharing of knowledge, help universities building their information infrastructure, and extend the value of digital libraries.

The METU Library Theses and Dissertations Repository currently holds **2245** records.

<http://hitit.lib.metu.edu.tr/oai>

The Middle East Technical University Library Open Archive

The screenshot shows a Microsoft Internet Explorer window displaying the 'METU Library Open Archives Harvester' homepage. The title bar reads 'METU Library Open Archives Harvester: Home - Windows Internet Explorer'. The address bar shows the URL 'http://hitit.lib.metu.edu.tr/oai/'. The page content includes:

- A 'Harvester Stats' box stating: 'The METU Library Open Archives Harvester currently has 2254 papers from 2 archives indexed.'
- An 'Add Your Archive' button with the sub-instruction: 'Click here to add your system to our index.'
- A logo for 'PUBLIC KNOWLEDGE'.
- A main text area: 'Welcome to the Middle East Technical University Library ETD metadata archive...'. It explains the project's history and its role in NDLTD.
- Navigation links: 'Advanced Search' and 'Browse Archives'.
- A search bar: 'Search papers for: [text input] in All [dropdown] [Search button]'.
- Footer links: 'Home | Search | Archives | Submit Archive | Links | About'.
- Page footer: '© 2003-2004 Public Knowledge Project | © 2006 METU Library'.
- Internet status bar at the bottom: 'Bitti', 'Internet | Korumalı Mod: Açık', and a zoom level of '%100'.

Ankara University Open Archive

Ankara University, which major field of studies are health and natural sciences as well as social sciences, was founded in **1946** and is one of the most prestigious university in Turkey.

Ankara University OA is one of the first open access initiatives in Turkey. Open Access Project come into effect according to the administrative decision in **April 2005** and its main purpose is supporting scholarly research. The software is constructed on PHP based MySQL and in July 2005 has been uploaded to a server that is only used for open archive purposes.

Ankara University Open Archive

According to the decision of administrative board in 2006 the graduate theses and dissertations as well as articles published in the journals have been included to the archive with the permission of their authors. 2072 scientific publications have been self-archived so far and are now accessible on the internet (<http://acikarsiv.ankara.edu.tr/>).

The open archive is compatible with OAI-PMH protocol.

Ankara University Open Archive

The point of origin for our Open Archive Repository:

When freely accessible scientific works are used, they become knowledge again and the original knowledge that is generated improves without losing its authenticity. In this respect, the idea of creating an open archive is unavoidable. By the help of this archive, not only access to information and knowledge, but also the passing of information that is created at an institutional level to next generations by saving and storing such information is aimed.

Through the open archive initiative, by using a range of possibilities offered by information technologies, along with conventional methods of reaching and accessing knowledge; free access via Internet, for everyone to the information that is created by our academic staff is aimed.

If you are a member of Ankara University, but not a member to the Open Archive Repository, please contact the people mentioned on the 'Contact' page.

This project is run by Associate Professor Doğan ATILGAN, Associate Professor Sacit ARSLANTEKİN ve Assistant Professor Özlem BAYRAM, from the Department of Information and Records Management.

Ankara University Open Archive

Title	Publication Type	Author	Source	Year	Options
KİSITLI KAYNAKLARLA PROJE ÇİZELGELEMESİ PROBLEMLER...	Thesis	GÖKHAN ÖZDEMİR		2006	Detail pdf dosyası
1930'LARDAN 1960'LARA GEÇİŞTE DEVLETÇİ...	Thesis	ALİ SOMEL		2006	Detail pdf dosyası
REKABET ÜSTÜNLÜĞÜ SAĞLAMADA ENDÜSTRİ TEMELLİ VE KA...	Thesis	KORHAN KARACAOĞLU		2006	Detail pdf dosyası
ÖDEME SİSTEMLERİNDE BİLGİ TEKNOLOJİLERİ RİSKLERİ	Thesis	ÖZLEM MENEKŞE RUMELİLİ		2006	Detail pdf dosyası
FİNANSMAN SİSTEMLERİ İLE İLGİLİ RİSKLER	Thesis	AYŞE GÖKTÜRE		2006	Detail pdf dosyası

Gazi University Open Archive

Gazi University is founded in 1982. Being the leader of the country with its education faculties, Gazi University has faculties of industrial arts, Gazi education, vocational education, technical education, commerce and tourism.

Open Access Project come into effect according to the administrative decision in **February 2007**.

The open access archive is compatible with OAI-PMH. Gazi University Open Archive currently holds **189** scientific publications including articles, presentations, reports, conference papers, educational materials and theses.

<http://www.acikarsiv.gazi.edu.tr/index.php>

Gazi University Open Archive

The screenshot shows the Gazi University Open Archive website as it appears in a Windows Internet Explorer browser window. The title bar reads "Gazi Üniversitesi Açık Arşiv - Windows Internet Explorer". The address bar shows the URL "http://www.acikarsiv.gazi.edu.tr/index.php". The page header includes the Gazi University logo, the text "Gazi Üniversitesi Açık Arşiv", and navigation links for "Homepage", "Scope", "Document Search", "Author Login", "Admin Login", "Communication", "Help", and "Türkçe". Below the header, a main content area displays a message in Turkish: "Gazi Üniversitesi Açık Arşiv Sisteme Hoşgeldiniz" (Welcome to the Gazi University Open Archive System). It provides links for "Yayınlanmış Makale (92)", "Tez (52)", "Yayınlanmış Bildiri (36)", "Proje Raporları (0)", "Kitap İçinde Bölüm (1)", and "Ders Notları (8)". At the bottom of the content area, there is a section titled "YAYINLAMA VE YARARLANMA HAKKI" (Publication and Use Rights) with detailed explanatory text. The status bar at the bottom of the browser window indicates "Internet | Korumalı Mod: Açık" and "100%".

ULAKBIM (Turkish Academic Network and Information Center)

Turkish Academic Network and Information Center (ULAKBIM) has been founded as a service unit, in association with the Scientific and Technical Research Council of Turkey ([TUBITAK](#)) in 1996. ULAKBIM aims at providing technological facilities such as computer networks, information technology support, and information and document delivery services, to meet the information requirements of universities and research institutions, and to increase the efficiency and productivity of their end users.

ULAKBIM has been cooperating with national consortia and acting as the national archive for electronic information resources, with the purpose of making efficient and widespread access to electronic resources available for academic research community nationwide.

In fact it is not an open access initiative but the institution supporting open access initiatives and some of the journals in the variety of subject indexed in the database are freely accessible.

ULAKBIM (Turkish Academic Network and Information Center)

The screenshot shows a Windows Internet Explorer browser window displaying the ULAKBIM website. The URL in the address bar is <http://www.ulakbim.gov.tr/cabim/vt/>. The page title is "Veri Tabanları - Windows Internet Explorer". The main content area displays the "Cahit Arı Bilgi Merkezi" logo and navigation links for "Ana Sayfa", "Hakkında", "Sıkça Sorulan Sorular", "Site Kartı", "iletisim", "Arama", and "English". A timestamp "26/11/2007" is visible. The left sidebar contains a sidebar menu with sections like "HİZMETLER", "Veri / Afz Tarama", "Belge Sağlama", "Kütüphane Kataloğu", "Veri Tabanları", "Yayın / Afz Göstergeleri", "Yayın Tesvik", "EKUAL", and "ULAKBIM İste Giriş". Below this is a login form with fields for "Kullanıcı Adı", "Şifre", and "Giriş". The right sidebar lists "Uluslararası Veri Tabanları" and "ULAKBIM Türkçe Veri Tabanları", each with a list of links to various databases. The bottom of the page shows the browser status bar with "Internet | Korumalı Mod Açık" and a zoom level of "7500".

Open Access Journals

In a scientific research it was determined that 238 of 253 electronic scientific journals published in Turkey are open access (94%). 60% of the electronic journals are published by universities. 37% of journals are about health sciences, whereas 34% of them are about social sciences.

Some examples of Open Access Journals:

- TÜBİTAK Open Access Journals
 - Turkish Librarianship Journal
 - Information World Journal
-

TÜBİTAK Open Access Journals

TÜBİTAK (Scientific and Technical Research Council of Turkey) publishes 12 peer-reviewed scientific journals indexed by various international abstracts. The full-text articles of the current and previous issues are accessible on the <http://journals.tubitak.gov.tr> and listed at [DOAJ](#). The Scientific Journals are as follow;

- [Agriculture and Forestry](#)
 - [Biology](#)
 - [Botany](#)
 - [Chemistry](#)
 - [Earth Sciences](#)
 - [Electrical Engineering and Computer Sciences](#)
 - [Engineering and Environmental Sciences](#)
 - [Mathematics](#)
 - [Medical Sciences](#)
 - [Physics](#)
 - [Veterinary and Animal Sciences](#)
 - [Zoology](#)
-

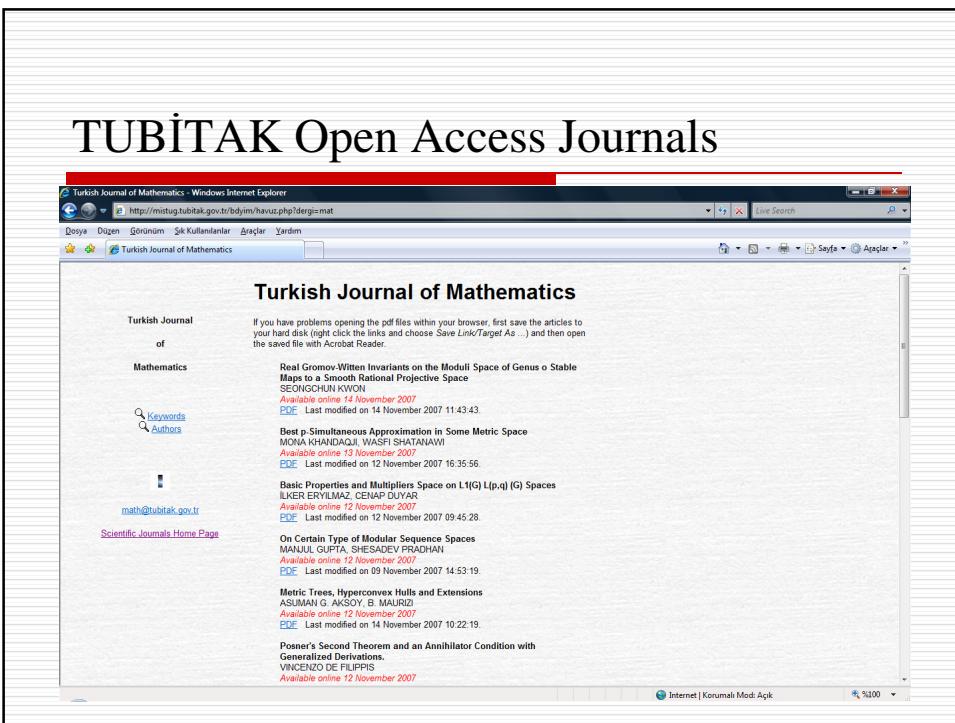
TÜBİTAK Open Access Journals

The TÜBİTAK Scientific Journals website displays a grid of 12 peer-reviewed scientific journals. The journals include: **Agriculture and Forestry**, **BIOLOGY**, **BOTANY**, **EARTH SCIENCES**, **ELEKTRİK**, **ENGINEERING & ENVIRONMENTAL SCIENCES**, **MATHEMATICS**, **PHYSICS**, **ZOOLOGY**, **TURKISH JOURNAL OF CHEMISTRY**, **TURKISH JOURNAL OF PHYSICS**, and **TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES**. Each journal cover features a small image of its publication.

TÜBİTAK Open Access Journals

The TÜBİTAK Turkish Journal of Mathematics website provides information about the journal. Key details include:

- Editor:** Prof. Dr. Aydin AYTUNA, Sabancı University, Faculty of Engineering and Natural Sciences, Istanbul - TURKEY. E-mail: aytuna@sabanciuniv.edu
- Advisory Board:** Turkish Journal of Mathematics is published 4 times a year. It is reviewed by Chemical Abstracts, Current Mathematical Publications, Mathematical Reviews, MathSci, Zentralblatt MATH, Acting Head of the Department: Adnan BAHADIR, Journal Administration: Zelihha TUNERI, English Editor: Dale Allen ROSS.
- Correspondence Address:** Turkish Journal of Mathematics, TÜBİTAK, Akademik Yayınlar Müdürlüğü, Atatürk Bulvarı, No:221, Karaköy, 06100, Ankara, TURKEY. E-mail: math@tubitak.gov.tr



Open Access Journals - Turkish Librarianship Journal

„Turkish Librarianship” is an official journal published by the Turkish Librarians Association every three months and it follows new developments closely with regards to issues of documentation, archiving and research of information and related scientific fields of practice. The first issue was publised in 1952.

All the issues are accessible on the internet. The old issues were digitalized and they are now available on the webpage.

Turkish Librarianship Journal

The image shows the homepage of the Turkish Librarianship Journal (TKD) website on the left and its journal cover on the right.

Website Screenshot:

- Header:** TKD TÜRK KÜTÜPHANEÇİLER DERNEĞİ
- Navigation:** Ana Sayfa | Türk Küütüphaneciliği | Dernem Yayınları | Bağlantılar | English
- Menu:** TKD Tüzüğü, Şubeler, TKD Üyelik Bilgileri, Kütüphaneler, Satıştaki Yayınlamız, Basında Küütüphaneler, İletişim.
- Login Form:** ÜYE GİRİŞİ, Kullanıcı Adı, Şifre, Giriş.
- Text:** Dergi abonesi olmak istiyorum, Slogan: Bilgi Toplumuna Doğru, 25. Küütüphane Hizmetleri.

Journal Cover:

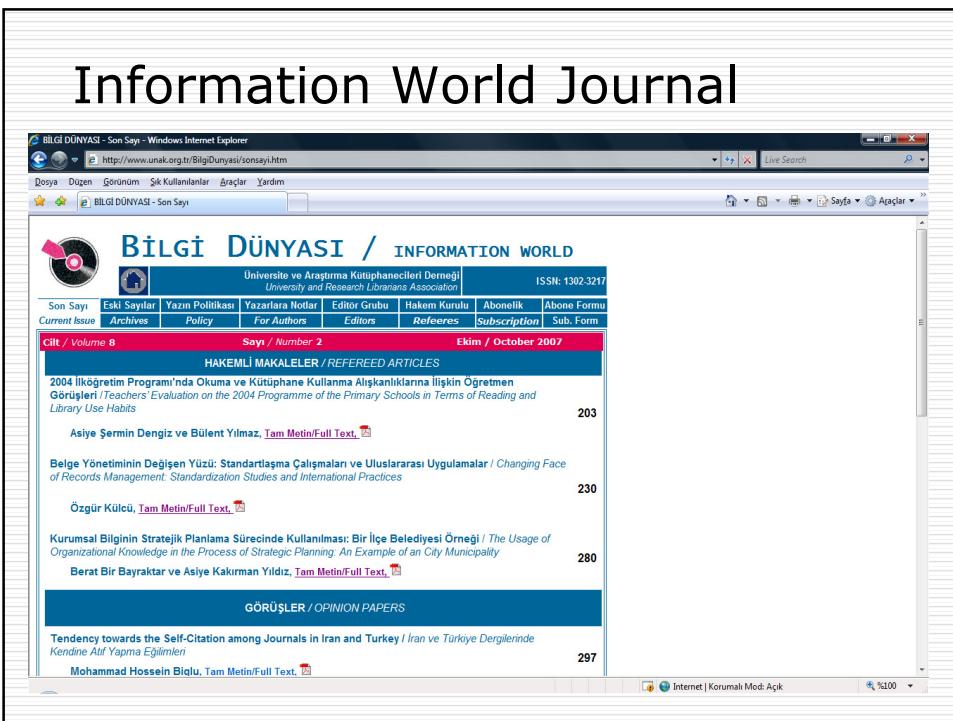
- Title:** Türk Küütüphaneciliği, Turkish Librarianship
- Issue Information:** CILT 21 SAYI 3 EYLÜL 2007, VOLUME 21 NUMBER 3 SEPTEMBER 2007
- Editor:** İlahak Keskin
- Table of Contents:**
 - Editor-in-Chief (Ebru Kaya)
 - Osmani Arşivciliğinin Teorik Dayanıkları Hakkında (İlahak Keskin)
 - Müze Küütüphaneleri ve Müze Bilgi Ortamına Katkıları (R. Neslihan Mollaoglu)
 - Medya Okuryazarlığı: Küütüphanelerde Yeni Çalışma Alanı (İnci Onal)
 - Whither Nordic Libraries? Towards a Cross-country Research Initiative on the Historical Heritage, Role, Self-perception and Challenges of Public Libraries in Denmark, Finland, Norway and Sweden (Leif Kajberg)
 - University Libraries in Pakistan (Muhammad Zulqarnain Akhter)
 - Getty Vakfından Koc Üniversitesi Anadolu Medeniyeleri Araştırma Merkezi (AMAM) Küütüphanesine Yayımlı Desteği (Duygu Kızıltan)
 - Tanıtım-Déjeurlemente
 - Haberler
 - Mesleki Toplantılar
- Logos:** TKD Logo, Türk Küütüphaneçililer Derneği, Turkish Librarians' Association.
- ISSN:** ISSN 1300-0039

Open Access Journals - Information World

„Information World” is a refereed journal published by the [University and Research Librarians Association \(UNAK\)](#). Publication period is twice a year and freely accessible on the internet.

Information World (Bilgi Dünyası) publishes (in Turkish and in English) original articles, opinion papers and reviews of books related to information and records management issues along with news and professional meeting announcements. „Information World” is an Open Access Journal and listed at [DOAJ](#) and [E-Lis](#).

<http://www.unak.org.tr/BilgiDunyasi/index.html>



Conclusion

Raising awareness of open access is increasingly becoming the most important issue to be discussed in the information world in Turkey.

Recently most of the institutions and universities has been carrying out some kind of open access activities to make every kind of information accessible without borders.

Inicjatywy otwartego dostępu w Turcji

Dziękuję za uwagę

Cengiz AYDIN

aydincen@hotmail.com
