



OPEN ACCESS: Experience of Khazar University











Support of the Open Access in Azerbaijan

Budapest Open Access Initiative Read the Budapest Open Access Initiative An old tradition and a new technology have converged to make possible an unprecedented public good. The old BOAI15 tradition is the willingness of scientists and scholars to publish the fruits of their research in scholarly journals without Toward the Internet of payment, for the sake of inquiry and knowledge. The new technology is the internet. The public good they make the Mind possible is the world-wide electronic distribution of the peer-reviewed journal literature and completely free and unrestricted access to it by all scientists, scholars, teachers, students, and other curious minds. Removing access barriers to this literature will accelerate research, enrich education, share the learning of the rich with the poor and **Budapest Open Access Initiative** View Signatures <u>Home</u> View the 6141 individuals and 976 organizations that have added their names to the declaration. If you support oper BOAI15 education too, please add your name! Toward the Internet of the Mind Search Find signatures that include: Azerbaijan BOAI10 <u>Translations</u> Search Results **Background** Baku Higher Oil School Azerbaijan Read the original BOA Khazar University Azerbaiian declaration Gudsiya Akhmedova Baku Musical Academy <u>Translations</u> Gazanfar Oruiov Institute of Information Technologies of the Azerbaijan National Academi of Journal of Azerbaijani Azerbaijan View signatures Studies Abasali Rustamov Shamakhy Astrophysical Observatory Sign the the original Afkan Isazade Academy of Public Administration Nazli Hasanova **BOAI Forum** Asaf Asadov Institute of Botany

Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities

Preface

The Internet has fundamentally changed the practical and economic realities of distributing scientific knowledge and cultural heritage. For the first time ever, the Internet now offers the chance to constitute a global and interactive representation of human knowledge, including cultural heritage and the guarantee of worldwide access.

We, the undersigned, feel obliged to address the challenges of the Internet as an emerging functional medium for distributing knowledge. Obviously, these developments will be able to significantly modify the nature of scientific publishing as well as the existing system of quality assurance.

In accordance with the spirit of the Declaration of the Budapest Open Access Initiative, the ECHO Charter and the Bethesda Statement on Open Access Publishing, we have drafted the Berlin Declaration to promote the Internet as a functional instrument for a global scientific knowledge base and human reflection and to specify measures which research policy makers, research institutions, funding agencies, libraries, archives and museums need to consider.

"Make research literature available online without price barriers and without most permission barriers" (Suber, 2012, p.8)



Restrictions on Access to Knowledge in Azerbaijan



☐ A lack of access to internet-based technologies.
☐ A lack of English-language proficiency.
☐ Having no professional information specialists, or having an untrained information specialists.
☐ Lack of formal organizational structure to deliver open access services.
☐ Lack of collaboration between the stakeholders in the absence of specific policy.
Due to rapid advancement of information technology, many state-of- the-art facilities and equipment (software and hardware) become obsolete and outdated.
☐ Incomplete and insufficient ICT infrastructure.
Poor awareness toward modern information technologies and their use in delivering OA.
Restrictively inadequate funding, copyright practices and regulations.
☐ The lack of creative and effective government support to create environments within higher education.



Some Figures for Emerging Countries* 2



Source	Citable publications Scopus (Scimago)	Open access journals DOAJ	Open repositories (Registry of Open Access Repositories)
Brazil	74,195	565,171	170
India	152,110	140,843	121
China	569,227	49, 037	92
South Africa	21,843	37.848	47
Russia	95,359	4,136	65
Belarus	2,210	6,777	29
Kazakhstan	3,606	1,098	7
Lithuania	3,813	22, 043	11
Georgia	1,837	236	2
Azerbaijan	1,235	8	3

^{*} Open repositories and open access journals (2018)



OA Journals in Azerbaijan

(DOAJ https://doaj.org)



Nº/	/Nº	Name	ISSN	URL	Subject
1	L	The Cardiologist	2520-6494 (Online)	https://tinyurl.com/y2cutlxb	Medicine: Internal medicine: Specialties of internal medicine: Diseases of the circulatory
2	2	Research In: Agricultural & Veterinary Sciences	2520-6737 (Print) 2520-6516 (Online)	https://tinyurl.com/yyht52vk	Agriculture
3	3	New Materials, Compounds and Applications	2521-7194 (Print) 2523-4773 (Online)	https://tinyurl.com/yx9934yf	Technology: Electrical engineering. Electronics. Nuclear engineering: Materials of engineering and construction. Mechanics of materials
4	ŀ	New Design Ideas	2522-4875 (Print) 2524-2148 (Online)	https://tinyurl.com/y3ajuq3e	Fine Arts: Drawing, Design, Illustration
5	;	Journal of Modern Technology and Engineering	2519-4836 (Online)	https://tinyurl.com/y3pm5sj3	Electrical engineering, Computer engineering, Mathematics, Computer Science
6	6	Elm və İnnovativ Texnologiyalar (Journal of Science and Innovative Technologies)	2521-1447 (Print) 2616-4418 (Online)	http://www.ejsr.org	Technology General Works: History of scholarship and learning. The humanities
7	7	Advances in Biology and Earth Sciences	2520-2847 (Print) 2519-8033 (Online)	https://tinyurl.com/y6y2bbqg	Science
8	3	Advanced Mathematical Models & Applications	2519-4445 (Online)	https://tinyurl.com/y5k88tdm	Science: Mathematics





OA Initiatives in Azerbaijan*

- □ The OA environment in Azerbaijan is still very much in its nascent stage but important initiatives have been taken to endorse OA policies through the Azerbaijan Library Information Consortium (AZLIC) and Khazar University Institutional Repository (KUIR) with international support.
- □ Khazar University Institutional Repository (KUIR) is a national digital-format repository, a member of <u>Electronic Information for Libraries</u> with a named country representative, procedures for review, acquisition and dissemination of research documents online moving towards a self-archival system.

^{*} Global Open Access Portal:



Past OA Activities @ Khazar University LIC

☐ The Azeri Translation of the "Berlin Declaration on Open Access to knowledge in the Sciences and



The following activities have been contributing to OA in Azerbaijan through Khazar University:

	Humanities ", 2011
	☐ The Cape Town Open Education Declaration translation from English into Azeri: a major international
	statement on open access, open education and open educational resources, 2009
	☐ Khazar University Center for Education and Information Studies (CEIS), initially established in partnership with the UCLA Graduate School of Education and Information Studies with United States Information Agency funding.
	Project Gutenberg, assisting in digitizing public domain Azerbaijani literature in Latin script in partnership with Akhundov National Library and Institute of Literature under National Academy of Sciences of Azerbaijan.
	CALIMERA (Culture Applications Local Institutions Mediating Electronic Access) aimed monitoring technical developments and solutions already emerging from IST and Azerbaijan research and assess its potential as widely transferable technologies for use by local institutions.
	■ UNESCO Translation Project, aimed to complete a bibliography of the translations in various editions (books, journal articles, conference papers, etc.) from Azeri into other languages and from other languages into Azeri.
\	Open Access Week provides an opportunity for the scholarly community to continue to learn about open access, to share their experiences with colleagues and the public, and to inspire wider participation in open access.
	Khazar University Institutional Repository (KUIR), as national depository, is the main site for open access developments. Plans here include the development of single platform search (currently using DSpace v.6.2) for academic theses and research with plans to develop further and to establish a self-archiving policy.





Current OA Initiatives @ Khazar University LIC

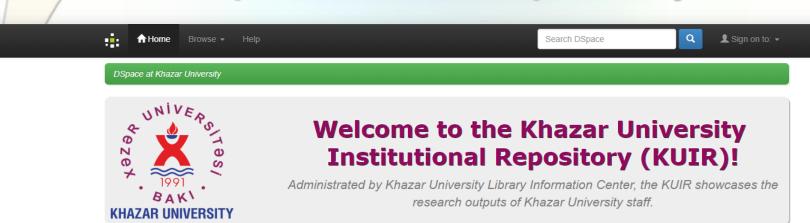
Khazar University Library and Information Center has involved in a wide range of Open Access-related activities. These activities fall into five broad areas:

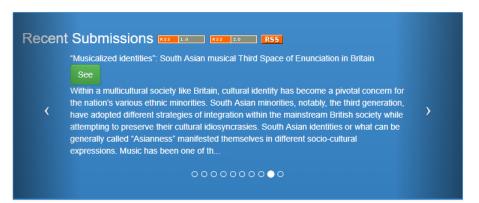
- OA Repository;
- Open Access Journals;
- OA Advocacy;
- eLearning by Moodle platform;
- ePortfolio by Mahara platform;
- Research Projects Related to OA.



Khazar University Open Access Repository









If you are a member of the Khazar University community and would like to contribute digital resources to KUIR see the IR Policy, or contact KUIR staff.





DSpace Statistics



Communities and Collections:

Academic support	[69]
❖ ADB Depository Library	[69]
Khazar University Press	[59]
Learning Materials	[99]
Library information Center	[46]
Periodicals	[1125]
Personal Pages	[230]
❖ Schools	[387]
Speeches, Interviews and Presentations	[19]
The Caucasus Research Resource Center (CRRC)	[230]
❖ World Bank Depository Library	[106]





Self-Archiving by DSpace

- Registry to: dspace.khazar.org
- Choose a collection you want to submit, e.g.
 - Personal Archive;
- Send us a mail and ask for registration rights.



Directory of Open Access Repositories: "KUIR"



OpenDOAR

Directory of Open Access Repositories

Home | Find | Suggest | Tools | FAQ | About | Contact Us

OpenDOAR - Countries and Organisations

Africa | Asia | Australasia | Caribbean | Central America | Europe | North America | Oceania | South America | [Unspecified]

Click on a name to see the corresponding OpenDOAR summaries, or on a URL to visit the relevant website.

ASIA

Afghanistan | Armenia | Azerbaijan | Bangladesh | China | Georgia | Hong Kong | India | Indonesia | Iran | Iraq | Israel | Japan | Kazakhstan | Korea, Republic of | Kyrgyzstan | Lebanon | Malaysia | Nepal | Pakistan | Philippines | Qatar | Saudi Arabia | Singapore | Sri Lanka | Taiwan | Thailand | Turkey | Viet Nam

Afghanistan

- Afghanistan Centre at Kabul University (ACKU) http://www.ackuaf.org/
 - 1. ACKU Library Catalogue

http://puka.cs.waikato.ac.nz/cgi-bin/library?a=p&p=about&c=acku

Armenia

- . National Academy of Sciences of Armenia http://www.sci.am/
 - Armenian Research Academic Repository (knowledge@FSL) http://www.flib.sci.am/eng/node/3

<u>Azerbaijan</u>

- Khazar University http://www.khazar.org/
 - Khazar University Institutional Repository (KUIR)
 http://dspace.khazar.org/ispui/
- State Oil Company of Azerbaijan Republic http://new.socar.az/socar/az/home/
 - 1. Baku Higher Oil School Repository

http://85.132.26.14:8080/xmlui/





Registry of Open Access Repositories: "KUIR"

http://roar.eprints.org







Ranking Web of Repositories







Khazar University OA Journals

Azerbaijan Archeology	[326]
 Dünya Jurnal 	[13]
■ Khazar – Review	[332]
Khazar Courier	[5]
 Khazar Journal of Humanities & Social Sciences 	[450]
 Khazar Journal of Mathematics 	[5]
■ Khazar Journal of Science & Technology	[4]





OA Advocacy

- Khazar University Institutional Repository Guide;
- ➤ Khazar University Institutional Repository Policies;

>Author agreement (in English and Azeri).



Moodle in Khazar University



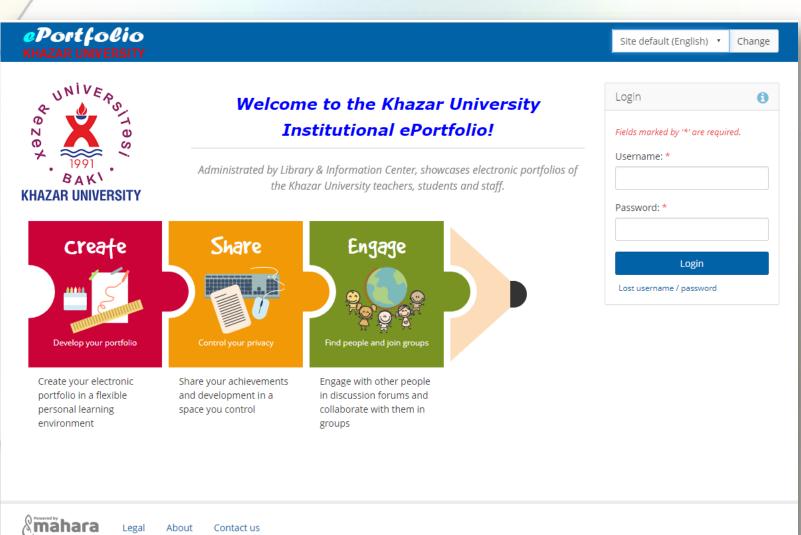


- In 2009 eLearning System with Moodle platform was implemented at Khazar University
- in 2019 eLearning System moved from Moodle v1.8 version to v3.6













Khazar University Projects related to OA

Erasmus+ PROJECT

"PROMOTING EXCELLENCE IN TEACHING AND LEARNING IN
AZERBAIJANI UNIVERSITIES" (2016)

A number of workshops and trainings on eLearning and research repository were organized by Khazar University for Azerbaijani Universities.

The DIRNA Project "Developing Research Capacity through Institutional Repositories Network in Azerbaijan" aims over the course of three years to build capacity on research output management in six leading AZ HEIs by establishing Open Access Institutional Repositories Network (OAIR).

Recommendations

	Develop institutional policies and strategies that foster the availability of research results;
	create an institutional repository network mamong higher education institutions in Azerbaijan;
	increase both the impact of publications and the cost efficiency of the publication
	system;
	create university fund to help authors to publish their research articles
	increase the dissemination, transfer and use of research results, through OA to publications and data from publicly funded researching and accelerating more efficient
	and cost-effective publishing processes
	financial support for OA, on various levels: institutional, governmental, national
	work with national research funding agencies and governments in Azerbaijan to
Ξ	implement the requirement for self-archiving of research publications in OA repositories;
	prioritise raising awareness of university leadership to the importance and advantages of
	OA policies;
	raising awareness and promoting OA within the academic community
	develop data management know-how and working with other bodies to realise the
	needs in skilling and training;
	potential increase in the speed of application development through free and open source
	software in higher education institutions in Azerbaijan
	Increase co-operation, co-ordination and collaboration between, and among, libraries
	within Azerbaijani Library & Information Consortium for the purpose of sharing open
	access activities and resources.





THANK YOU FOR YOUR ATTENTION!

