Open Science in Türkiye and the Impact of OpenAIRE

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http://orcid.org/0000-0001-7259-8134

- Working as the library director at IZTECH for 19 years.
- Bachelor's Degree from Hacettepe University, Library Science Program, and a Master's Degree from Kocaeli University, Business Administration.
- I participated in OpenAIREPlus, OpenAIRE2020, and OpenAIRE Advance projects. Working as an OpenAIRE Turkey NOAD since 2011
- Executive board member of OpenAIRE AMKE. (2021-)
- Project partner of PATTERN and DIRNA (EU Projects).
- A founder partner of Research Ecosystems, an R&D Company established within IZTECH Technopark in 2021.

Izmir Institute of Technology

www.iyte.edu.tr

İzmir
www.iyte.edu.tr

İzmir

- "İzmir" probably derives from the former Greek name "Smyrna"
- 3500 years of recorded urban history.
- The Second largest port and the third city in Türkiye.
- Population 4.479.525
- Mediterranean climate

IZTECH

- Founded in 1992 as a state university
- The only internationally distinguished advanced technical university in Türkiye
- Emphasis on education and research in science and technology
- The biggest campus area in İzmir

7069 Students
660 Academicians

Programs
18 undergraduate
30 master's
20 doctorate

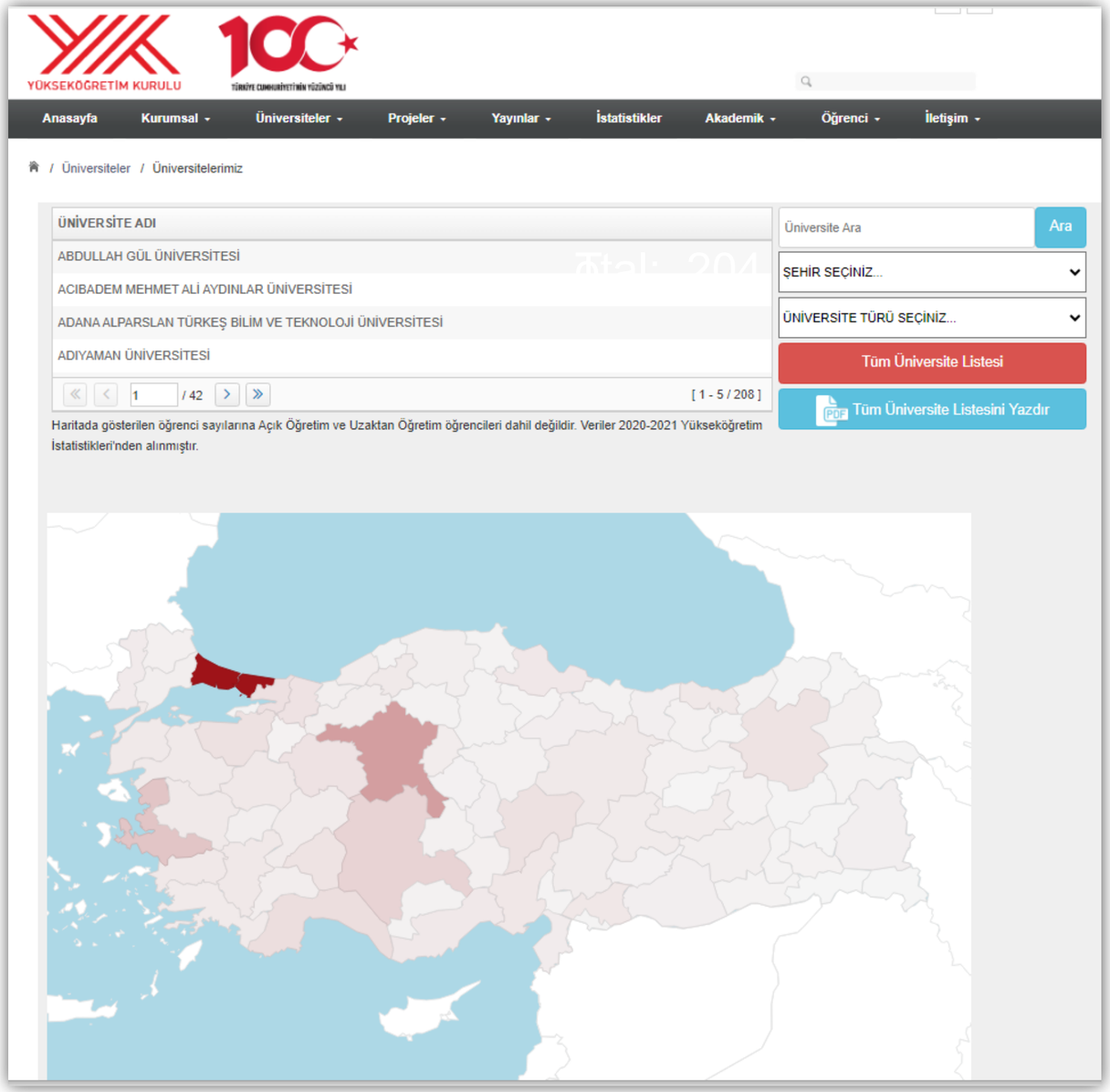
159 International Students from **39** Countries

Education Language is **100%** English

3 Faculties with **19** Departments

17 Research and Application Center

Higher Education Landscape in Türkiye



Higher Education Institutions:	
State Universities: 129	Foundation Universities: 75

https://www.yok.gov.tr/universiteler/universitelerimiz

World

Report from template

2018 to 2024 | All subject areas | FOR | Data sources

Summary | Topics | Collaboration | Published | Viewed | Cited | Authors | Institutions | More...

+ Add Summary to Reporting | Export

Summary metrics

+ Add to Reporting

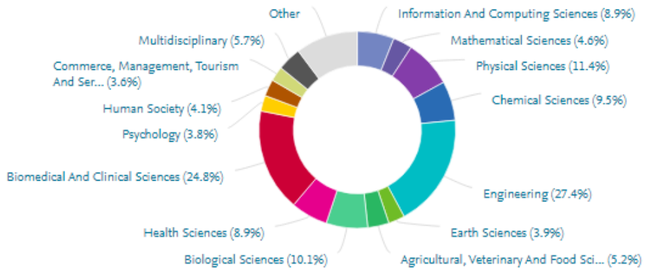
21,717,699 ▲ Scholarly Output	20,882,854 ▲ Authors	1.02 Field-Weighted Citation Impact
View list of publications		Yearly breakdown
196,445,813 Citation Count	9.0 Citations per Publication	

Publication share by Subject Area

+ Add to Reporting

Donut Chart

Segment size represents relative publication share per Subject Area. Note that a publication can be mapped to multiple Subject Areas. Learn more



Performance indicators

Outputs in Top Citation Percentiles

+ Add to Reporting

Publications in top 10% most cited worldwide

Show as field-weighted

World: 9.8%

Analyze in more detail

Publications in Top Journal Percentiles

+ Add to Reporting

Publications in top 10% journals

by CiteScore Percentile

World: 25.8%

Analyze in more detail

International Collaboration

+ Add to Reporting

Publications co-authored with Institutions in other countries/regions

World: 21.7%

Academic-Corporate Collaboration

+ Add to Reporting

Publications with both academic and corporate affiliations

World: 2.7%

Turkey produces %1.66 of the World's Publication

%1.57 of the World's citation

Scival – 26.03.2024

Turkey

Report from template

2018 to 2024 | All subject areas | FOR | Data sources

Summary | Topics | Collaboration | Published | Viewed | Cited | Authors | Institutions | More...

+ Add Summary to Reporting | Export

Summary metrics

+ Add to Reporting

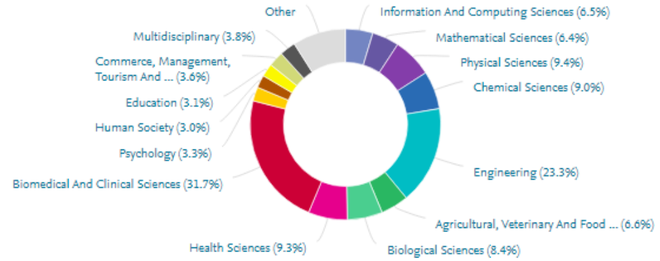
360,771 ▲ Scholarly Output	241,511 ▲ Authors	1.07 Field-Weighted Citation Impact
View list of publications		Yearly breakdown
3,074,902 Citation Count	8.5 Citations per Publication	

Publication share by Subject Area

+ Add to Reporting

Donut Chart

Segment size represents relative publication share per Subject Area. Note that a publication can be mapped to multiple Subject Areas. Learn more



Performance indicators

Outputs in Top Citation Percentiles

+ Add to Reporting

Publications in top 10% most cited worldwide

Show as field-weighted

Turkey: 9.8%

Analyze in more detail

Publications in Top Journal Percentiles

+ Add to Reporting

Publications in top 10% journals

by CiteScore Percentile

Turkey: 16.7%

Analyze in more detail

International Collaboration

+ Add to Reporting

Publications co-authored with Institutions in other countries/regions

Turkey: 27.8%

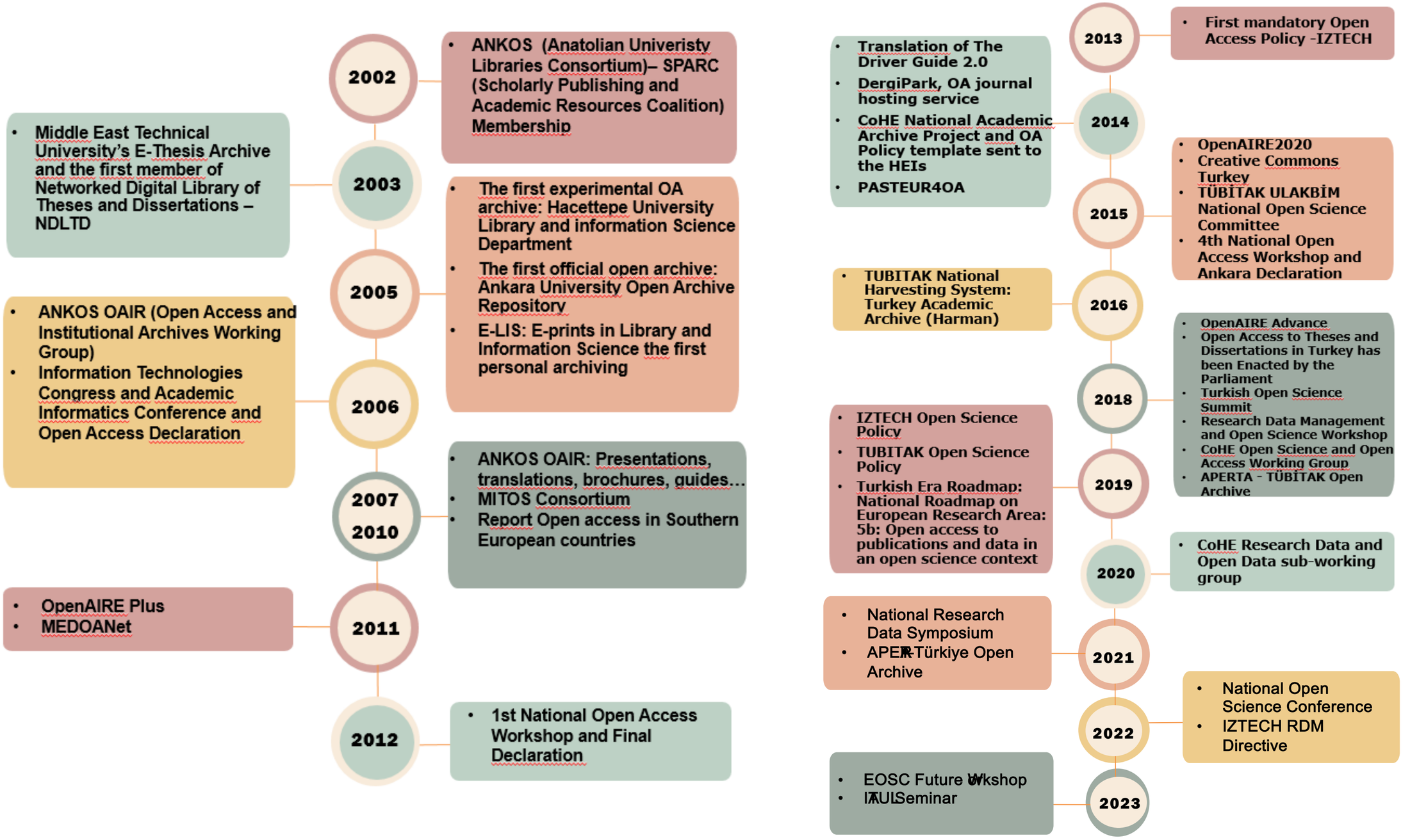
Academic-Corporate Collaboration

+ Add to Reporting

Publications with both academic and corporate affiliations

Turkey: 1.4%

Open Access Movement in Türkiye: Milestones



Key Players for Open Science in Türkiye

Council of Higher Education (CoHE)

- CoHE Open Science Committee
- CoHE Research Data and Open Data Task Force Sub-Working Group

The Scientific and Technological Research Council of Türkiye

- TUBITAK Open Science Committee

Anatolian University Libraries Consortium

- ANKOS Open Access and Institutional Repositories Working Group

EC Projects

MedOANet (2011-2013)

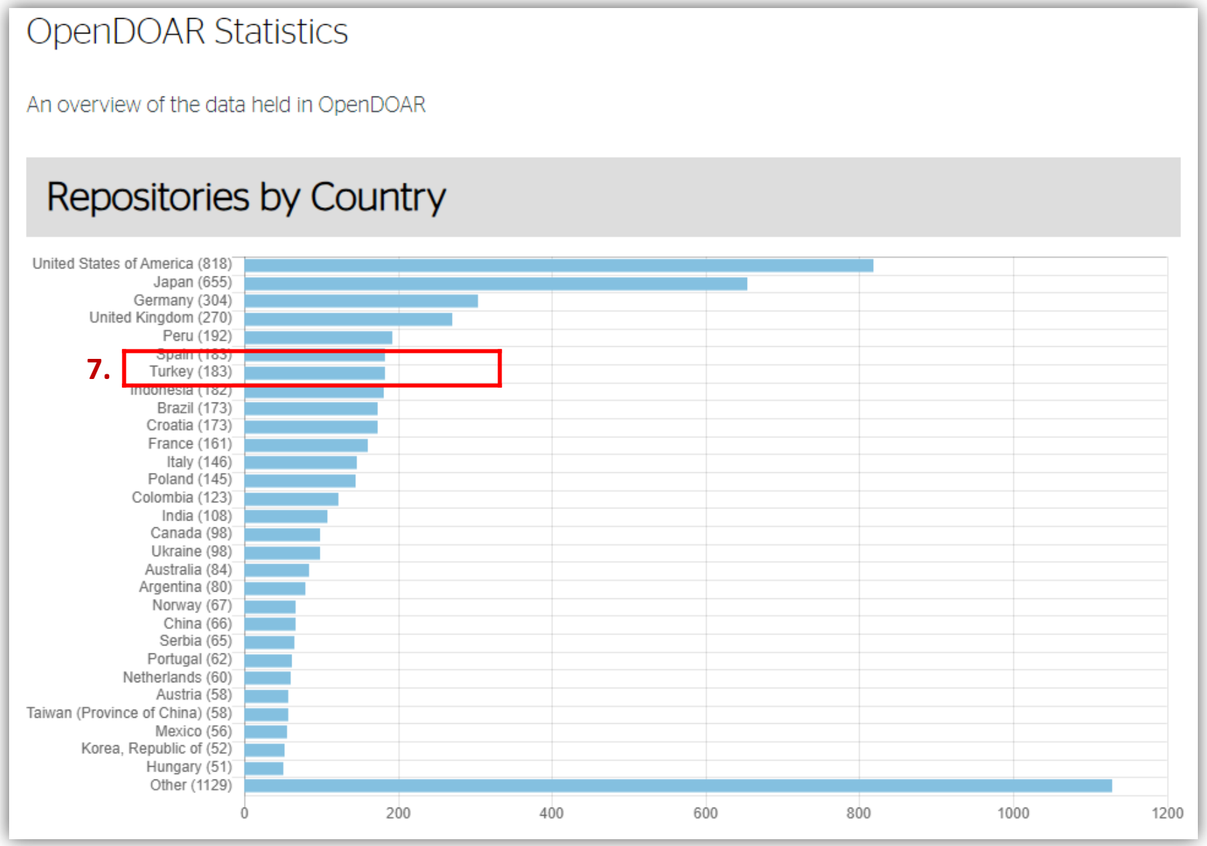
PASTEUR4OA (2014-2016)

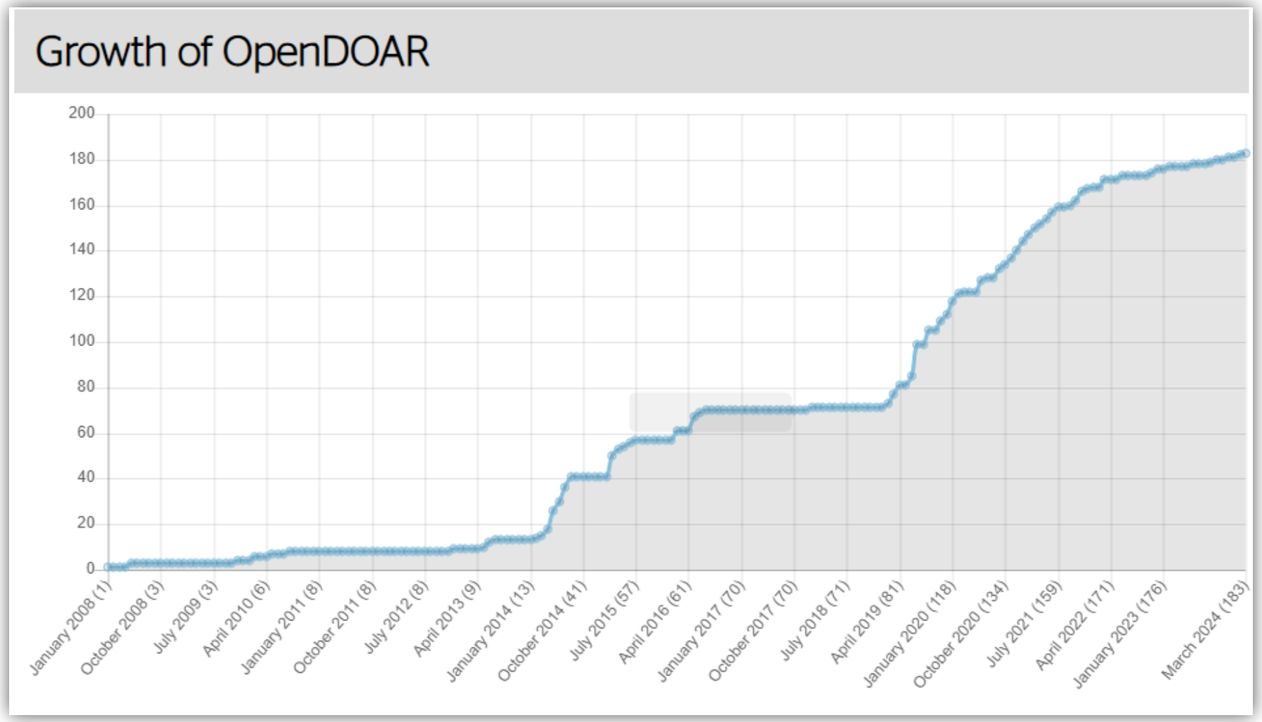
OpenAIRE projects

- OpenAIRE Plus (2011-2014)
- OpenAIRE2020 (2015-2018)
- OpenAIRE Advance (2018-2021)

PATTERN (01.01.2023 – 30.06.2026)

OpenDOAR Statistics: Repositories by Country





https://v2.sherpa.ac.uk/view/repository_by_country/Turkey.default.html

Data as of March 28, 2024

SCIENCE.
SET FREE.

Open Science in Europe
In Practice. Through OpenAIRE

OpenAIRE

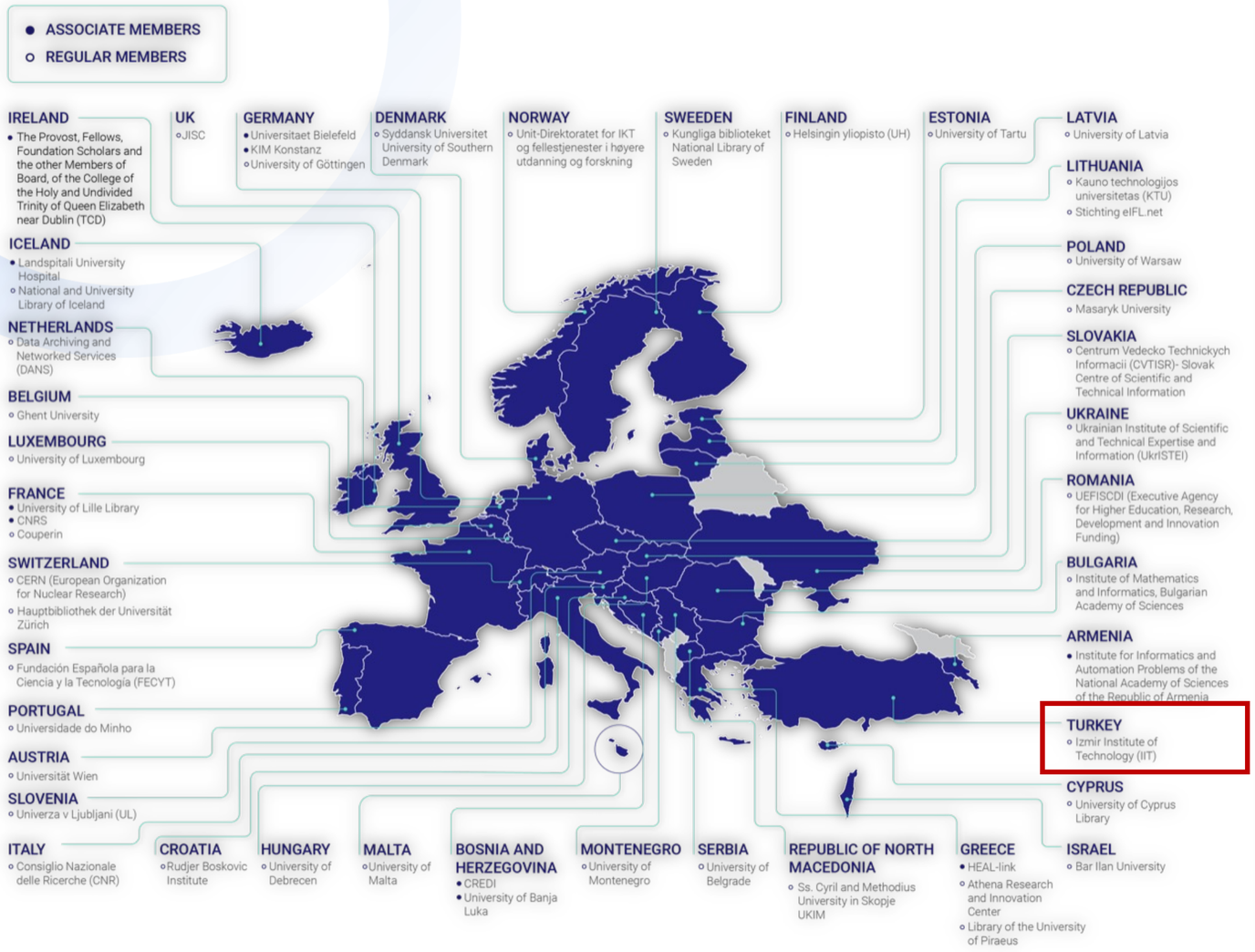
Who is OpenAIRE

A European infrastructure **on open scholarly communication since 2009**

Non-profit organisation

- Established Oct 2018
- Headquarter Greece, virtual office (15 staff)
- 47 members
- From 37 countries

IZTECH Member of OpenAIRE



https://www.openaire.eu/amke-members

Executive Board

The Executive Board is composed of eight experts in Open Science. Its role is to steer, evaluate and advance the implementation of the strategic directions of the OpenAIRE e-Infrastructure.

The chair of the Executive Board and General Assembly is Inge Van Nieuwerburgh.

Inge Van Nieuwerburgh

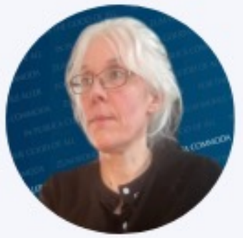
Open Science expert, University of Ghent

Pauli Assinen

Head of Development, University of Helsinki

Eloy Rodrigues

Director of the University of Minho Libraries



Birgit Schmidt

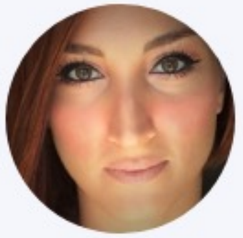
Knowledge Commons Unit Head, Göttingen State and University Library

Gultekin Gurdal

Library Director, Izmir Institute of Technology

Michal Růžička

Head of the department of Data Security and Management, Computer Science, Masaryk University



Elli Papadopoulou

Open Science Research Associate, Athena Research Center

https://www.openaire.eu/organisation

What We Achieved as OpenAIRE NOAD?

- Web sites
- Guides
- Presentations
- Translations
- Proceedings
- Workshops
- Brochures and Posters
- Trainings Programmes

http://acikerisim.yok.gov.tr
https://ankos.org.tr/tr/acik-erisim/kaynaklar/
https://www.sonmezcelik.net/
https://acikerisim.org/
https://libguides.iyte.edu.tr/openaire

Events Organized and Attended by IZTECH

Open Science, Institutional Repositories, RDM, and Research Visibility and Impact etc...

2011 – 2024 April

- Participated in 154 events (39 of which were international events)
- 137 presentations were made various region in Türkiye
- 17 webinars were held
- Involved in organizing 14 national workshops/conferences.

2011 – 2021 February
In OpenAIRE Projects Scope

- Participated in 123 events (26 of which were international events)
- 100 presentations were made made various region in Türkiye
- 15 webinars were held
- Involved in organizing 11 national workshops/conferences.

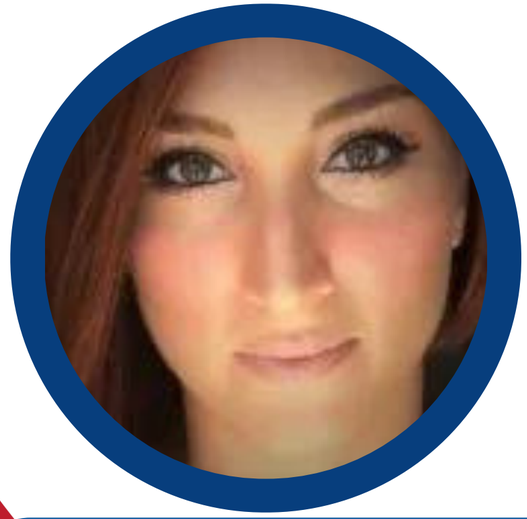
- 1st National Open Access Workshop (OA 2012), Final Declaration, 08-09 November 2012, Ankara - http://ae2012.acikerisim.org/
- 1st International Semantic Network and Metadata Systems Conference, 7-8 March 2013, Izmir
- 2nd National Open Access Workshop (OA 2013), Final Declaration, 21-22 October 2013, Izmir - http://ae2013.acikerisim.org/
- 3rd National Open Access Workshop (OA 2014), Final Declaration, 20-21 October 2014, Ankara - http://ae2014.acikerisim.org/
- 4th National Open Access Workshop (OA 2015), Ankara Declaration, 19-21 October 2015, Ankara - http://ae2015.acikerisim.org/
- 5th National Open Access Conference (0A 2016), 27 October 2016, Ankara - http://ae2016.acikerisim.org/
- 6th National Open Access Conference and OpenAIRE2020 Workshop, 24-26 October 2017, Izmir, Decleration -http://ae2017.acikerisim.org/
- Turkish Open Science Summit, 10 September 2018, Istanbul - https://summit2018.acikbilim.org/
- Research Data Management and Open Science Workshop, 11 September 2018, Istanbul - https://rdm.acikerisim.org/
- On the way towards Open Science – Science Set Free- Seminar, 11 April 2019, Izmir - https://libguides.iyte.edu.tr/acikbilimyolundaiyte
- 7th National Open Science Conference and OpenAIRE Advance Workshop, 19-20 November 2019, Izmir - https://os2019.acikbilim.org/
- National Open Science Conference 20 October 2022, İstanbul https://ab2022.acikbilim.org/
- EOSC Train the Trainer Workshop 17-18 July 2023, İzmir https://libguides.iyte.edu.tr/EOSCFuture
- IATUL Fall Seminar 2023 4-7 September 2023, İzmir https://libguides.iyte.edu.tr/iatulfall2023

Invited Speakers – OpenAIRE Network

Eloy Rodrigues

Natalia Manola

Pedro Principe



Elli Papadopoulou

José Carvalho

Tim Smith

Turkish Open Science Summit:
High level meeting with decision makers, key players

http://summit2018.acikbilim.org/

September 10, 2018, Sakıp Sabancı Museum, Istanbul

Extensive Preparation Time and Strategic Planning

Organized by

- Sabancı University,
- Izmir Institute of Technology,
- The Scientific and Technological Research Council of Turkey (TUBITAK),
- Hacettepe University
- Anadolu University Libraries Consortium (ANKOS).

Attended by 170 people and 1.342 people also followed the conference via online.

- Administrators of the Turkish Higher Education Council (CoHE),
- Administrators of the Turkish Scientific and Technological Research Council (TUBITAK),
- University Rectors,
- Vice Rectors,
- High-level representatives of industrial organizations
- NGOs.

Impact of the Turkish Open Science Summit

Immediate invitation by COHE to brief them about open science principles

Two meetings were held with President of CoHE in October and December 2018

CoHE established an official Open Science Committee

COUNCIL OF HIGHER EDUCATION

CoHE established Research Data and Open Data Task Force Sub-Working Group

Türkiye's Roadmap for Universities

5b: Open access to publications and data in an open science context

Open Access and Open Science constitute basis for increased visibility, increased citations, equal access (including disabled people), wider dissemination of scientific knowledge and research results. The impact of open access is favourable in terms of capturing value out of research and achieving increased returns to public investment in research.

Council of Higher Education (YÖK) together with TÜBİTAK are leading the processes for enabling open access at national scale. The national level strategies and actions would be complemented by university level activities for open access.

Objective 5b: Promoting and implementing an Open Science and Open Access approach

YÖK formed a Commission on Open Access including the rectors, related faculty members, TÜBİTAK representatives and library documentation experts. In this context, YÖK highlighted the importance of establishment of the "Open Academic Archive System" in the international standards in all universities, the integration of the university archives into "Open Access" (OpenAIRE)" through Harman (national installation of OpenAIRE software), and using of "Universal Researcher Numbers (ORC-ID)".

Concrete steps are declared by YÖK as of January 2019:

- Reporting of the work carried out by universities and the number of publications in open academic archives in a method and format determined by YÖK in six-month periods,
- Establishing a commission under the chairmanship of the rector / vice-rector responsible for open access and open science studies at universities and organizing awareness meetings to develop a clear ecosystem within the university,
- Revision of the Academic Incentive Regulation in order to promote publishing in open access journals and production of open education material,
- Ensuring the participation of the relevant staff of the universities in the meetings and trainings organized by YÖK.

In 2019, TÜBİTAK will take decisive a
cooperation with YÖK:

- Adoption of TÜBİTAK's Open Sci
- Adoption of the timeline: 2019
  2020 as the year of transition t
  for all support programmes
- Launching pilot call with Open Science requirements in the second half of 2019
- Setting up of the aperta.ulakbim.gov.tr (Institutional Repository for TUBITAK and Research Data Management to serve all universities) as a live system (live)

T. C.
YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI
Yayın ve Dokümantasyon Daire Başkanlığı

YÖK (Genel Evrak Birimi)
Kayıt No: 12867
15.02.2019 09:49:11 tarihinde
Havva Nur GÜRBÜZ giden evrak
kaydı yapmıştır

Sayı : 36054236-806.02.04-
Konu : Açık Bilim ve Açık Erişim

DAĞITIM YERLERİNE

Yükseköğretim Kurulu (YÖK) Başkanı Prof. Dr. M. A. Yekta SARAÇ, 10 Ocak 2019 tarihinde gerçekleştirilen Üniversitelerarası Kurul (ÜAK) toplantısında bilim dünyası için çok önemli ve bütün dünyanın gündeminde olan "Açık Bilim ve Açık Erişim" ... bünyesinde yürütülen çalışmalar hakkında ... ulusal basın ...

1-Üniversitelerde açık bilim ve açık erişim çalışmalardan sorumlu rektör ya da rektör yardımcısı başkanlığında bir komisyon kurulması ve bu konuda farkındalığın arttırılması için akademisyenlerin katılımıyla toplantılar düzenlenmesi,

2-Açık erişimdeki dergilerde yayın yapılması ve açık ders malzemesi üretiminin teşvik edilmesi amacıyla Akademik Teşvik Yönetmeliğinde düzenleme yapılması,

3-YÖK tarafından düzenlenecek eğitim toplantılarına üniversitelerin ilgili personelinin katılımının sağlanması,

4-Üniversiteler tarafından yapılan çalışmaların ve akademik arşivlerdeki yayın sayılarının altı aylık periyotlar ile YÖK'ün belirleyeceği yöntem ve formatta rapor edilmesi, ve benzeri girişimlerin başlatılması yer almaktadır.

Bu çalışmalar kapsamında üniversitelerden beklentilerimiz aşağıda belirtilmiştir:

1-Üniversitelerde açık bilim ve açık erişimle ilgili çalışmalardan sorumlu rektör/rektör yardımcısı başkanlığında bir komisyon kurulması ve üniversite içerisinde açık bir ekosistem ... amacıyla akademisyenler için farkındalık toplantıları düzenlenmesi,

... Açık Akademik Arşiv Sisteminin kurulması, ... belirlenmesi, ... alınarak

9-Akademik yükseltmede değerlendirilen yayınların akademik arşivde bulunmasın teşvik edilmesi,

10-Kurumsal akademik arşivlerin ivedilikle uluslararası standartlarda işler hale gelmesi için nitelikli insan kaynağı dahil olmak üzere gerekli her türlü desteğin verilmesi.

11-Açık erişimdeki dergilerde yayın yapılmasının ve açık ders malzemesi üretiminin teşvik edilmesi,

12-YÖK tarafından düzenlenecek toplantılara ilgili personelin katılımının sağlanması.

13- Yükseköğretim Bilgi Sistemi (YÖKSİS) üzerinden erişime açılacak olan ve bir ... nderilen "Kurumsal Akademik Arşiv Bilgi Formu" ... tibariyle altı aylık periyodlar halinde doldurulması,

... ederim.

Prof. Dr. M. A. Yekta SARAÇ
Başkan

CoHE highlighted the importance of the establishment of the »IR System" in the international standards in all universities. CoHE sent an official letter to all universities about open science and IR.

https://era.gv.at/public/documents/4071/Turkish_National_Roadmap_on_European_Research_Area_May_2019.pdf

TUBITAK ULAKBİM Open Science

2014

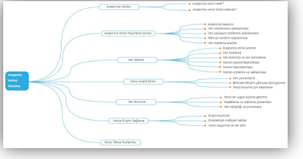
Dergipark
https://dergipark.org.tr/en/

2016

National Harvesting System:
Türkiye Academic Archive
https://harman.ulakbim.gov.tr/

2018

TUBITAK Open Archive Aperta
https://aperta.ulakbim.gov.tr/



Research Data Management
Training Portal
https://acikveri.ulakbim.gov.tr/

2019

Turkish National e-Science e-Infrastructure (TRUBA)
EOSC European Open Science Cloud membership
http://www.truba.gov.tr/index.php/eosc-hub-2/

2020

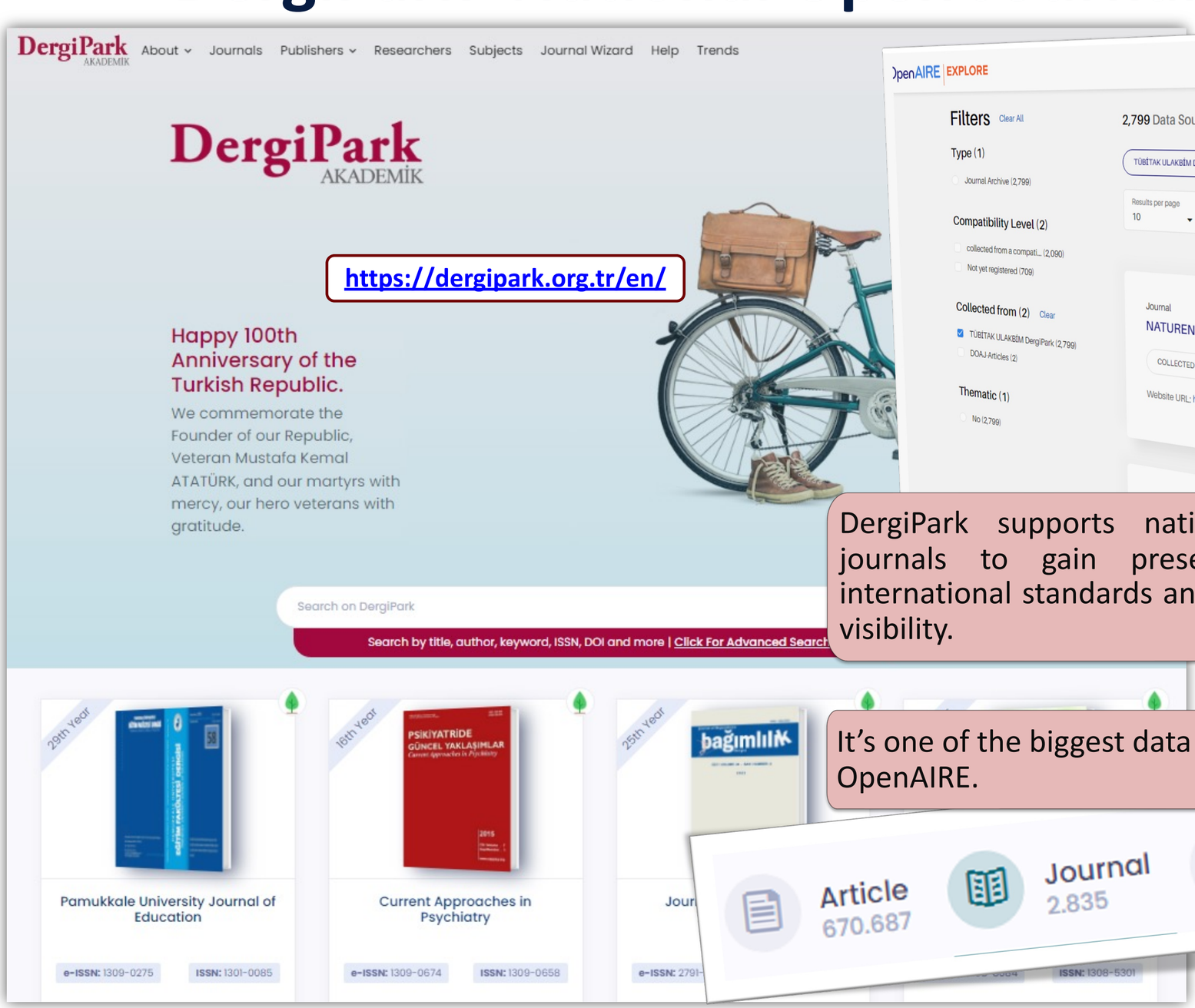
Aperta Turkey Open Archive

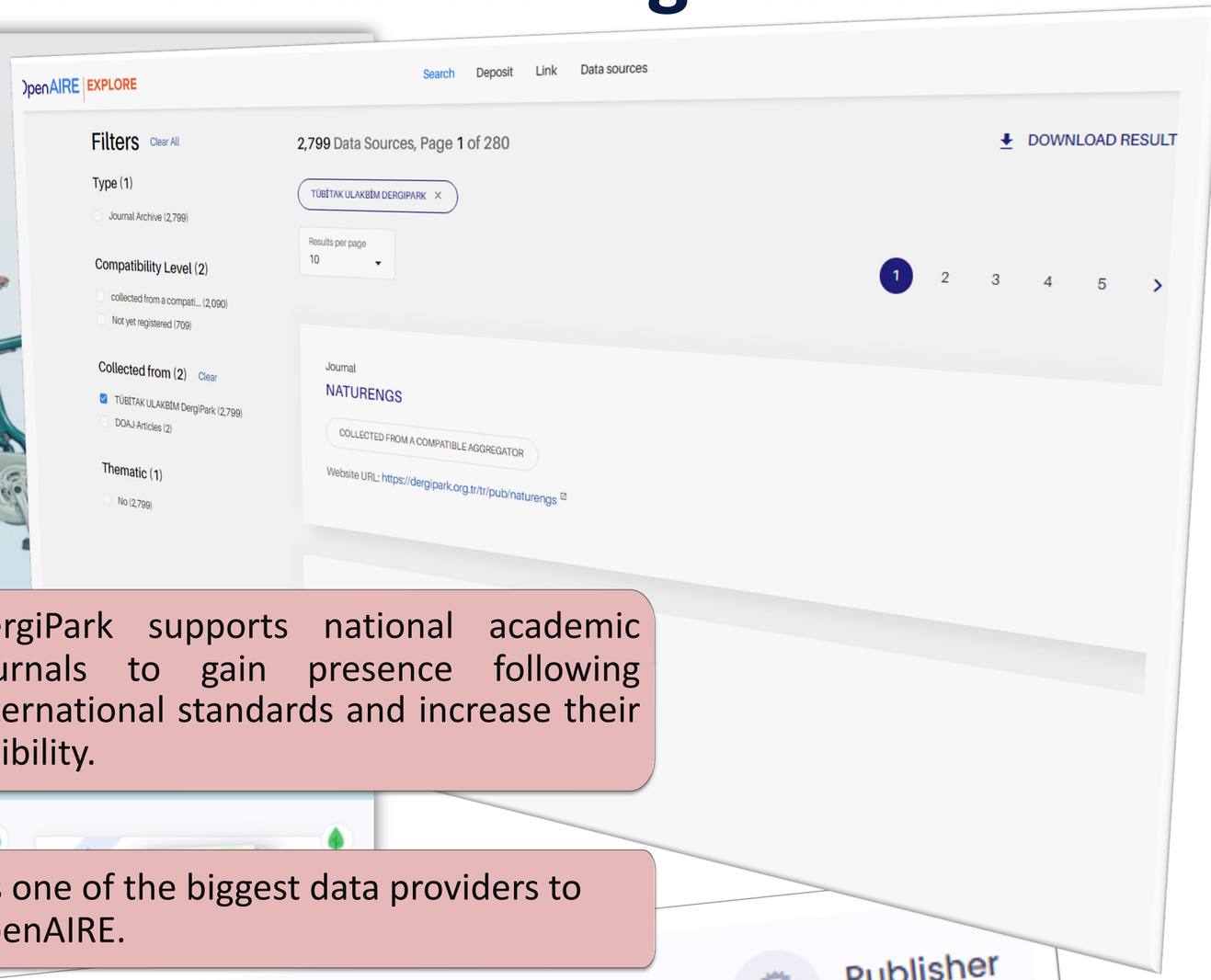
2021

Open Science Portal

2022

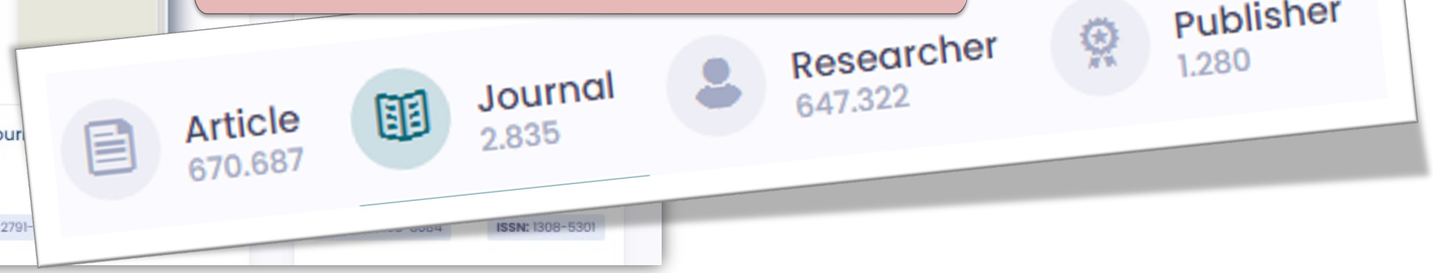
DergiPark- National Open Journal Hosting Platform



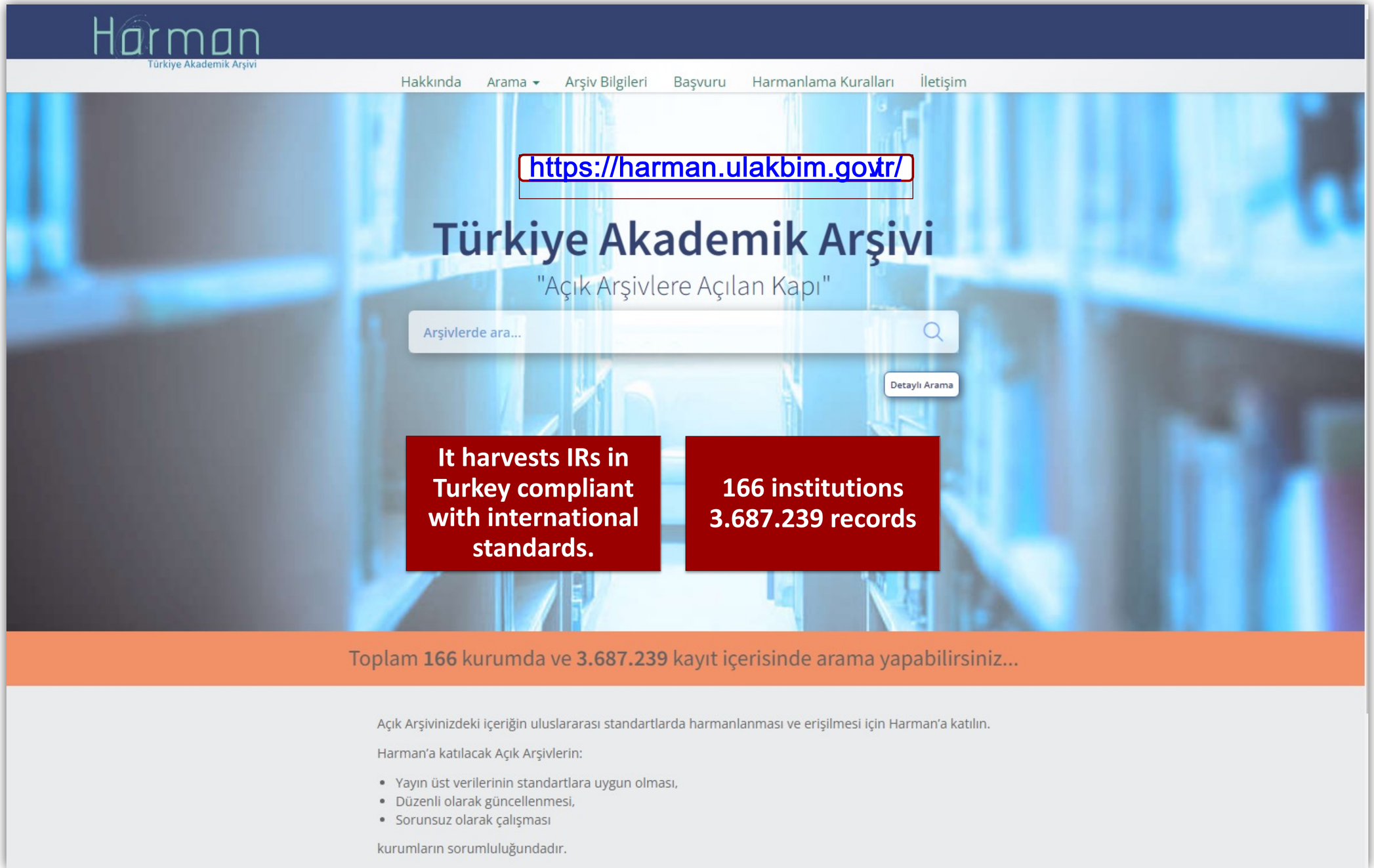


DergiPark supports national academic journals to gain presence following international standards and increase their visibility.

It's one of the biggest data providers to OpenAIRE.



Türkiye Academic Archive: Harman



TUBITAK Open Archive: APERTA

https://aperta.ulakbim.gov.tr/

aperta TÜRKİYE AÇIK ARŞİVİ

Arama | Yükle | Topluluklar | Hakkında | Yardım | Giriş | Yeni Kayıt

Son yüklenen çalışmalar

2024 (v1) | Konferans bildirisi | Açık Erişim

Görüntüle

OPTIMAL OVERCURRENT RELAY COORDINATION IN DISTRIBUTION NETWORKS USING PATH FINDER ALGORITHM

Mert Bekir Atsever; Mehmet Hakan Hocaoğlu

Distribution networks play an important role in delivering the generated energy to the end user. It is designed to ensure an uninterrupted energy supply. Many undesirable events occur during the operation of distribution networks. Some of these events are faults. High amplitude currents and/or voltages are observed during faults in the distribution network. In both cases, it causes problems in the healthy operation of the distribution network. Especially during three-phase faults, high amplitude fault currents create dangerous stresses in the system elements and surrounding environment....

Yüklenme tarihi: 25/03/2024

2024 (v1.0) | Veri seti | Açık E

PHACTboost predict

Nurdan Kuru; Onur Dereli; E

Most algorithms that are u
However, a majority of suc
alignment of multiple sequ
We had introduced PHACT
leverage phylogenetic tree
PHACTboost, a gradient bo
information from...

Yüklenme tarihi: 24/03/2024

2024 (v1) | Dergi makalesi | A

Caprock integrity at
from magnetotelluri

Büyük; Karaman

The impermeable caprock
reservoir, resulting in an el

Aperta Nedir?

Aperta Türkiye Açık Arşivi ULAKBİM tarafından yönetilen, odak noktası açık veri olan çok disiplinli bir **açık veri** havuzudur.

Aperta'nın Kapsamı Nedir?

- **Güvenli ve Güvenilir** – Verileriniz TUBİTAK ULAKBİM'de var olduğu sürece ULAKNET tarafından güvenli bir şekilde saklanır.
- kayıtlara atıf
- lenebilir hale
- ir Dijital Nesne
- OI) atanır.
- **si yok** – Yayınla
- sar basmaz
- vrimiçi olarak
- ulur ve DOI'niz
- e kaydedilir.
- **alı** – Kısıtlı erişim
- yla örneğin
- miş klinik araştırma
- tca tıp uzmanlarıyla

- Sürüm oluşturma
- kümenizi kolayca
- siniz
- **istikleri** – Tüm
- ndartlara uygun
- stikleri ile
- ir.

Daha Fazla

Institutional Repository for TUBITAK &

Research Data Repository to serve all universities

Provide open access to scientific publications and research data by adopting the "TUBITAK Open Science Policy."

aperta TÜRKİYE AÇIK ARŞİVİ

Arama | Yükle | Topluluklar | Hakkında | Yardım

Veri seti | Açık Erişim

Database Covering the Previously Excluded Daily Life Activities

Data Set Record from IZTECH

2023 | Şenay Mihçin; Ahmet Mert Sahin; Mehmet Yılm
Serap Sahin; Sevinc Akdeniz; Aliye Tosun

Database Covering the Previously Excluded Daily Life Activi

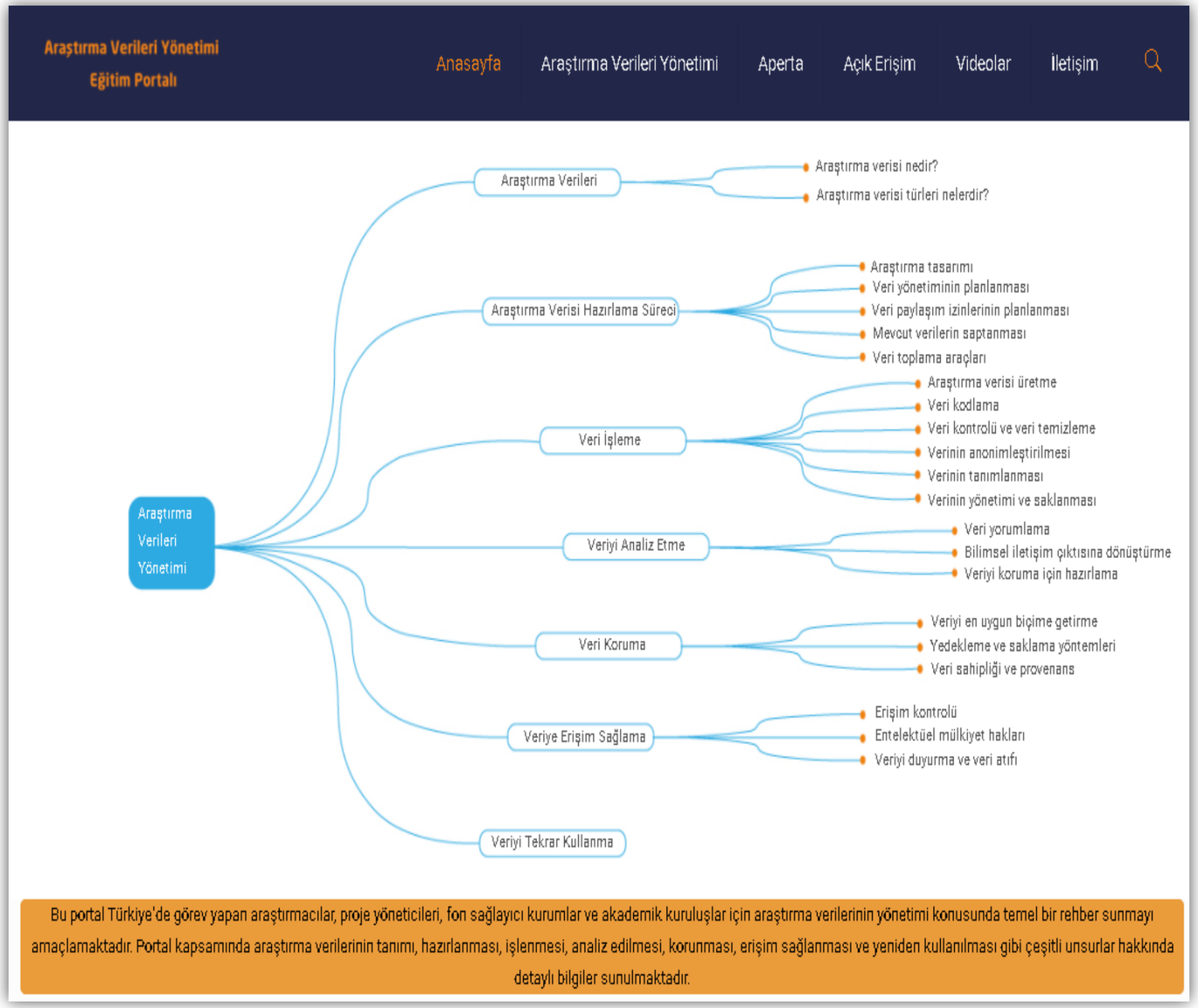
In biomedical engineering, implants are designed according to the boundary conditions of gait data and tested against. However, due to diversity in cultural backgrounds, religious rituals might cause different ranges of motion and different loading patterns. Especially in the Eastern part of the world, diverse Activities of Daily Living (ADL) consist of salat, yoga rituals, and different style sitting postures. Although databases cover ADL for the Western population, a database covering these diverse activities of the Eastern world, specific to these populations is non-existent. To include previously excluded ADL is a key step in understanding the kinematics and kinetics of these activities. By means of developments in motion capture technologies, excluded ADL data are captured to obtain the coordinate values to calculate the range of motion and the joint reaction forces. This study focuses on data collection protocol and the creation of an online database of previously excluded ADL activities, targeting 200 healthy subjects via Qualisys and IMU motion capture systems, and force plates, from West and Middle East Asian populations. Anthropometrics are known to affect kinematics and kinetics which are also included in the collected data. The current version of the database covers 50 volunteers for 12 different activities, the database aims for 100- male and 100- female healthy volunteers as the final target including C3D and BVH file types. The tasks are defined and listed in a table to create a database to make a query based on age, gender, BMI, type of activity and motion capture system. The data is collected only from a healthy population to understand healthy motion patterns during these previously excluded ADLs. The collected data is to be used for designing implants to allow these sorts of activities to be performed without compromising the quality of life of patients performing these activities in the future.

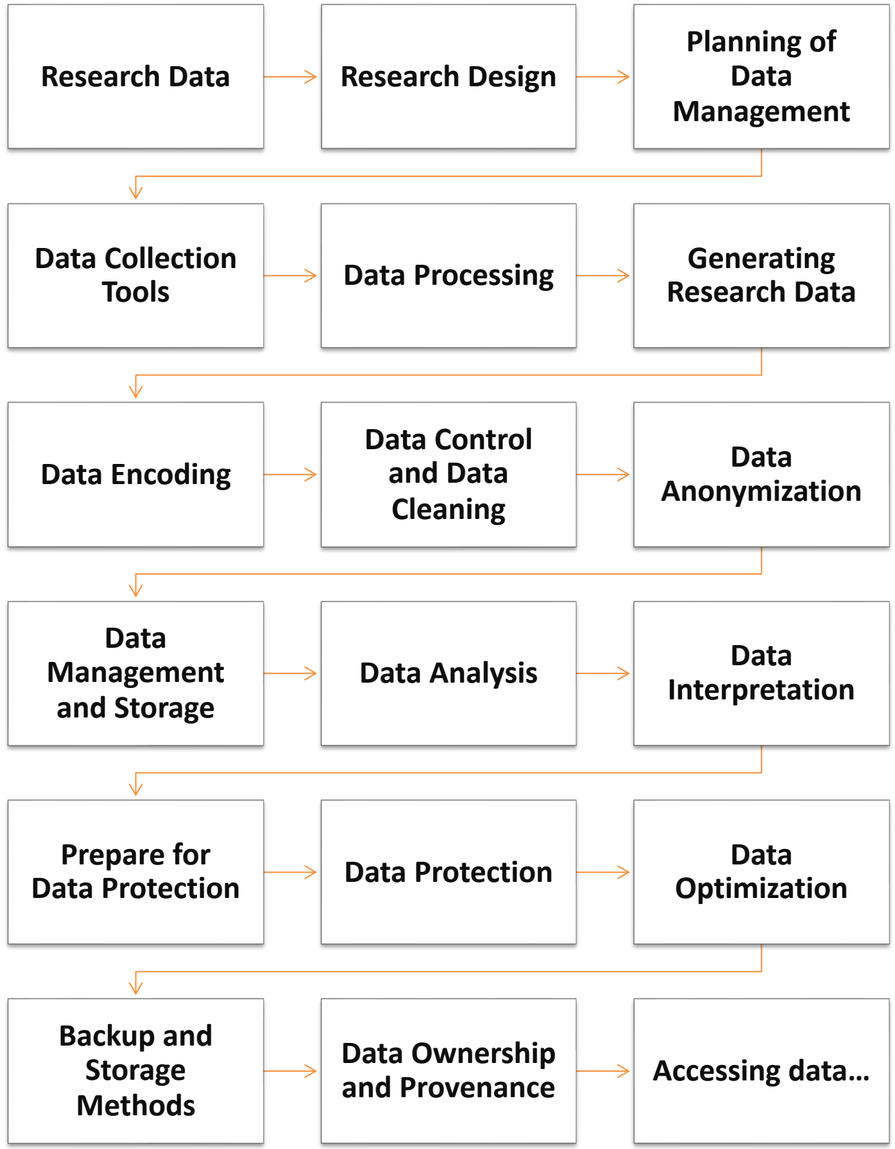
Önizleme

bvh_database.zip

S0051_M_A24_B22_AST_S.bvh	548.7 kB
S0051_M_A24_B22_CHT_S.bvh	858.6 kB
S0051_M_A24_B22_CLS_S.bvh	1.1 MB
S0051_M_A24_B22_GAIT_S.bvh	194.7 kB
S0051_M_A24_B22_OBC_S.bvh	230.2 kB
S0051_M_A24_B22_RAI_S.bvh	462.8 kB
S0051_M_A24_B22_RTS_S.bvh	756.0 kB
S0051_M_A24_B22_SJD_S.bvh	629.0 kB
S0051_M_A24_B22_SQL_S.bvh	674.7 kB
S0051_M_A24_B22_STC_S.bvh	1.3 MB
S0051_M_A24_B22_STL_S.bvh	819.9 kB
S0051_M_A24_B22_TUG_S.bvh	1.6 MB
S0052_M_A23_B29_AST_S.bvh	405.6 kB

Research Data Management Training Portal





https://acikveri.ulakbim.gov.tr/

truba.gov.tr/index.php/en/eosc-hub/

+90 312 298 93 63 grid-teknik@ulakbim.gov.tr

TÜBİTAK

http://www.truba.gov.tr/index.php/en/eosc-hub/

Main Page The TRUBA Initiative Resources CA Performance Indices

EOSC-hub Project

EOSC-hub Project

EOSC European Open Science Cloud Membership

Services for the European Open Science Cloud

EOSC-hub

https://www.eosc-hub.eu/

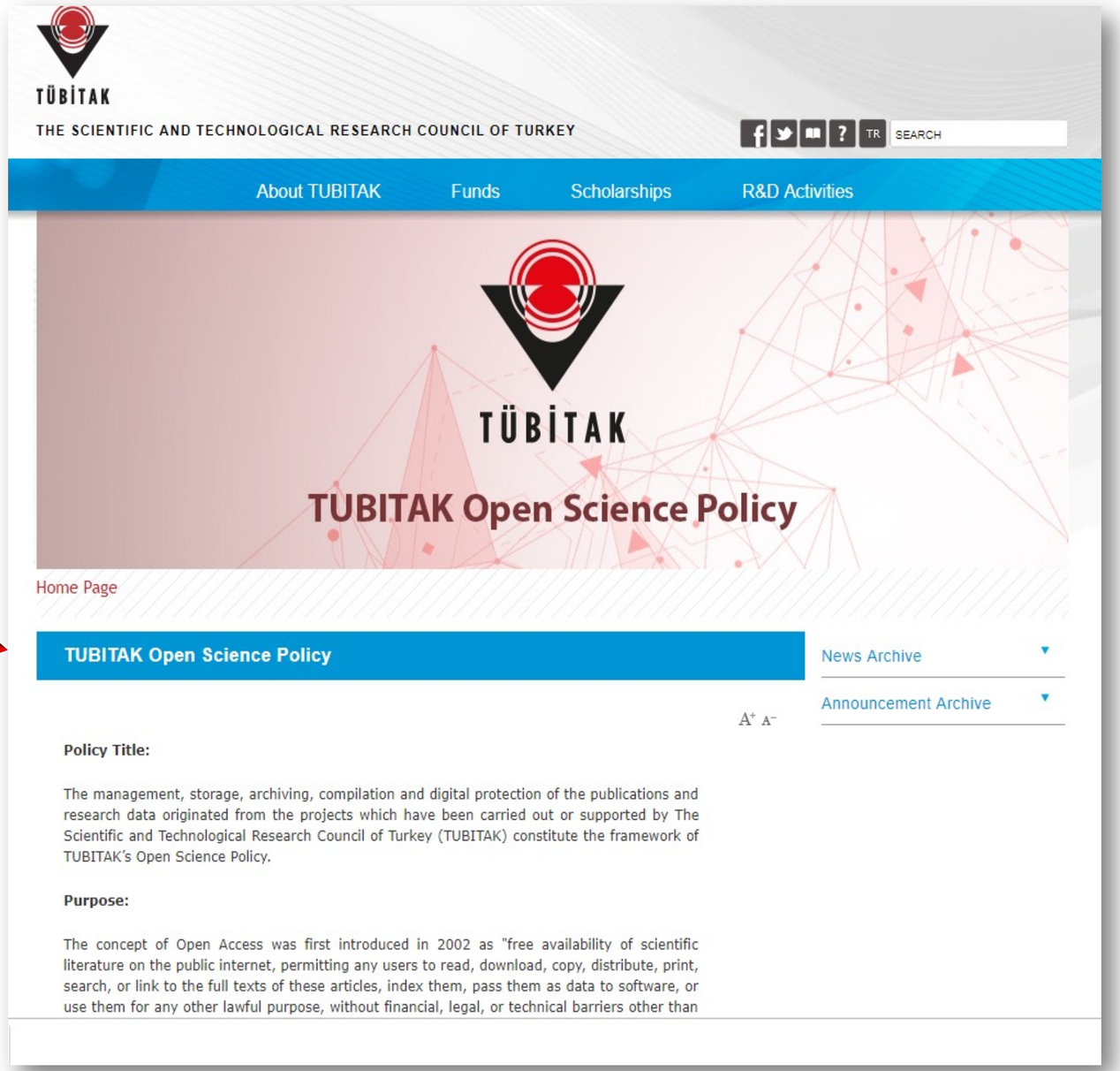
EGI, EUDAT, and INDIGO Data Cloud projects, with unique open access to research data and services through the EOSC-hub project, are planning to lay the foundations of EOSC. The project will present these resources as “Hub”.

EOSC-hub is the first and one of the major implementation projects of EOSC. It significantly contributed to the shaping of the service portfolio, the technical architecture, the interoperabilility standards, the modelling of the Minimum Viable EOSC, and the Rules of Participation. You can access the EOSC-hub Booklet from here.

Open Access to Theses : National Policy

Funder Policy: TUBITAK Open Science Policy

The rate of OA Theses and Dissertations raised over %97



Open Science Infrastructures of Türkiye- The Numbers

Harman Türkiye Akademik Arşivi

3.687.244 records
166 institutions

COUNCIL OF HIGHER EDUCATION Thesis Center

836.586

aperta TÜRKİYE AÇIK ARŞİVİ

OPEN ACCESS TURKEY

72.445

DergiPark AKADEMİK

670.741 Article
2.835 Journal

OpenAIRE	185
OpenDOAR	183
ROAR	170
ROARMAP	116

TÜRKİYE – Transformative Aggrements (Read and Publish)

ACM (American Computing Machinery Digital Library - ANKOS

American Chemical Society –ANKOS (A limited number of articles per subscriber institution)

Cambridge University Press - ANKOS

IOPScience - ANKOS

Springer Nature - EKUAL / TÜBİTAK (County Quota)

Karger - ANKOS (3 articles per subscriber institution)

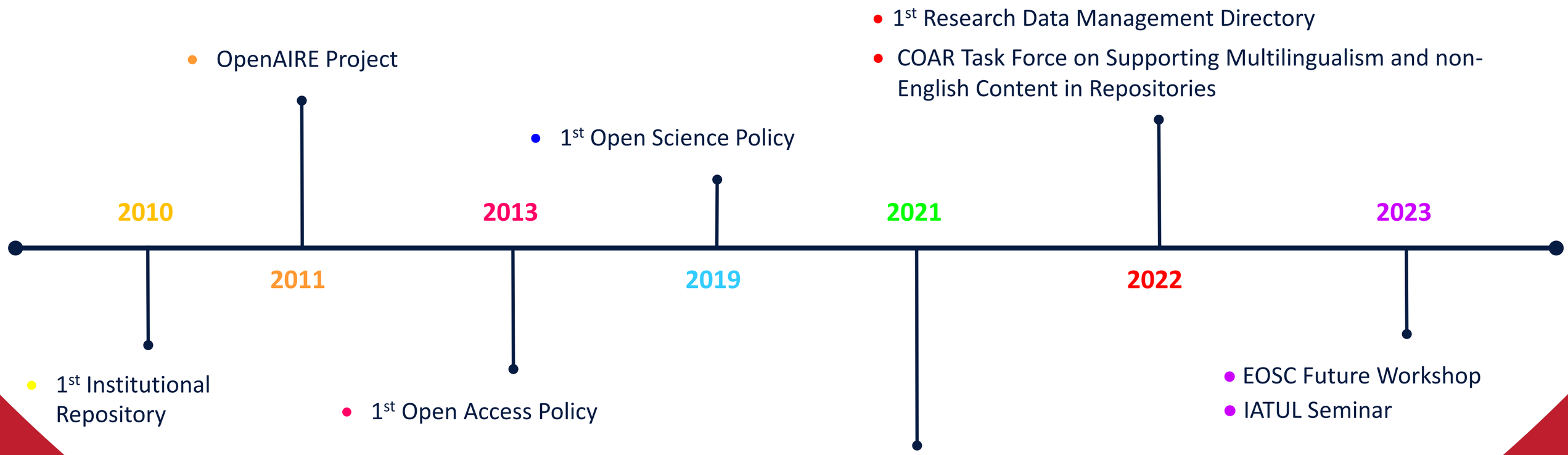
Royal Society Chemistry – ANKOS (A limited number of articles per subscriber institution)

SAGE (APC Discount) - ANKOS

Wiley – EKUAL / TÜBİTAK (County Quota)

IZTECH: Pioneer of Open Science in Türkiye

Open Science Movement in IZTECH Milestones



IZTECH Open Access and Open Science Policies

İZMİR YÜKSEK TEKNOLOJİ ENSTİTÜSÜ

Senato Karar Tarihi: 08.10.2013

İZMİR YÜKSEK TEKNOLOJİ ENSTİTÜSÜ
AÇIK ERİŞİM POLİTİKASI

https://hdl.handle.net/11147/7216

POLİTİKA

İzmir Yü msal arşivleme, uzun dönemli derleme ve dijital koruma.

BAĞLAM:

Özellikle ileri düzeyde eğitim-öğretim, araştırma, üretim, yayın ve danışmanlık yapmak üzere 1992 yılında kurulmuş olan İYTE, Türkiye Cumhuriyeti'nin çıkarlarına ve kalkınmasına hizmet edecek, sanayinin ve toplumun ihtiyaçlarına cevap verecek nitelikte eğitim vermeyi, araştırmalar yapmayı ve araştırma sonuçlarının mümkün olan en geniş çevrelere sunulmasını ilke edinmiştir. Bir devlet üniversitesi olarak İYTE, lisans ve lisansüstü seviyelerde; araştırmacı, yaratıcı ve girişimci, eleştirel düşünceye yatkın ve karar vermede özgür, ekip çalışmasında başarılı, kendi teknolojimizin üretilmesine katkısı olacak, hammadde kaynaklarımızı değerlendirecek, katma değeri yüksek üretime önderlik edecek, kendi iş ortamını yaratacak bilim insanları, mühendisler, mimarlar ve plancılar yetiştirerek ülkemize katkıda bulunmayı hedeflemekte ve bir araştırma üniversitesi olarak geniş kitlelere karşı taşıdığı sorumluluklarının önemini çok iyi bilmektedir.

IZTECH Open Access Policy was approved by IZTECH Senate on 08 October 2013.

IZTECH Policy was the first Open Access Policy in Turkey.

It was sent to other Turkish universities as a model policy by CoHE.

2013

www.iyte.edu.tr

Senato Karar Tarihi/Sayısı: 26.03.2019/2

İZMİR YÜKSEK TEKNOLOJİ ENSTİTÜSÜ
AÇIK BİLİM POLİTİKASI

http://hdl.handle.net/11147/51

B

yapmak üzere 1992 yılında kurulmuş olan İYTE, Türkiye Cumhuriyeti'nin çıkarlarına ve kalkınmasına hizmet edecek, sanayinin ve toplumun ihtiyaçlarına cevap verecek nitelikte eğitim vermeyi, araştırmalar yapmayı, araştırma verilerinin ve sonuçlarının mümkün olan en geniş çevrelere sunulmasını ilke edinmiş bir devlet üniversitesidir. İYTE, araştırmacılarına ait çalışmaların uygun formatlarda derlenmesi, uzun dönemli korunması ve en geniş şekilde erişime sunulabilmesi için bu Açık Bilim Politikasını oluşturmuştur.

Bu politikanın oluşturulmasında AB destekli OpenAIRE Advance projesi Açık Erişim/Açık Veri Politikası Hazırlama Rehberi, UNESCO Açık Erişim Politikası Geliştirme Rehberi, MedOANet ve PASTEUR4OA Politika Hazırlama Rehberi, LEARN projesi Modern Araştırma Verisi Yönetimi Politikası, SPARC Europe Açık Veri ve Açık Bilim Politikaları Avrupa Raporu, İYTE Açık Erişim Politikasından yararlanılmıştır.

- **Translated OpenAIRE model Policy on Open Science for Research Performing Organisations (RPOs) into Turkish and adapted it to Izmir Institute of Technology (IZTECH) as a model.**
- **IZTECH Open Science Policy was approved by IZTECH Senate on 26 March 2019.**
- **This policy, the first Open Science Policy in Turkey, includes details on both publications and research data.**
- **It was sent to other Turkish universities as a model policy by CoHE.**

2019

Data Steward

Policy

Events and Trainings

Support for Data Management Plans

Research Data Management (IZTECH)

Türkiye’s first data steward staff (2021)

Türkiye's first Research Data Directory (2022)

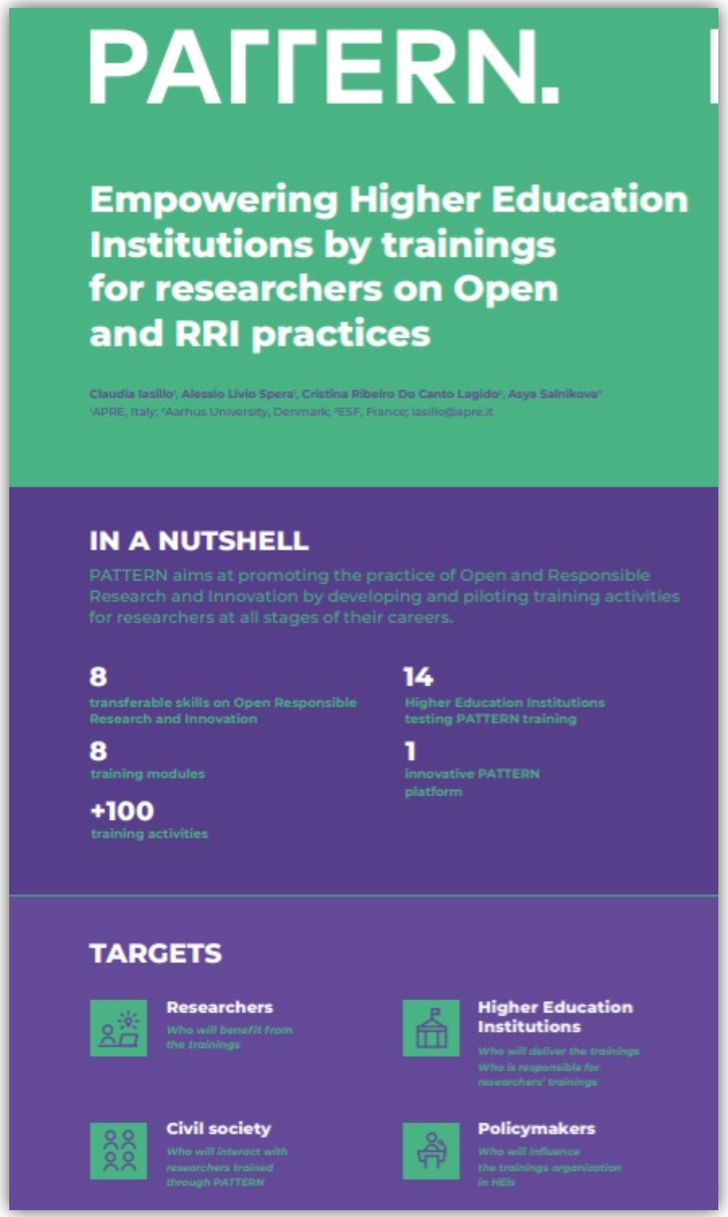
Hosted the Online National Research Data Symposium

Open science and research data webinars.

RDM guides and documents

One-to-one support to researchers for preparing Data Management Plans

IZTECH Library: EU Projects



Türkiye‘s First Research Information System:

GCRIS

GCRIS

- New Generation Institutional Repository
- Research Information System
- Decision Support System

RESEARCH ECOSYSTEMS

Benefits of migrating to GCRIS

GCRIS Home Collections Research Outputs Researchers Organizations Projects Reports Awards Equipments Help Sign on to:

Türkçe English

IYTE GCRIS Database

GCRIS Database is a research and performance evaluation information system that enables searching and discovering all research outputs within the Izmir Institute of Technology research ecosystem, associating these outputs with researchers, providing advanced reporting with different metrics, and supporting corporate strategic decisions. Besides, it is an institutional repository at international standards that brings together and organizes all kinds of academic outputs related to research activities and allows sharing with the whole scientific world by providing long-term preservation.

Search All

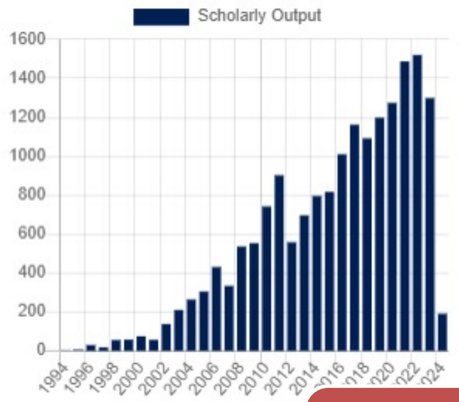
Publications 10586

Organisations 30

Researchers 316

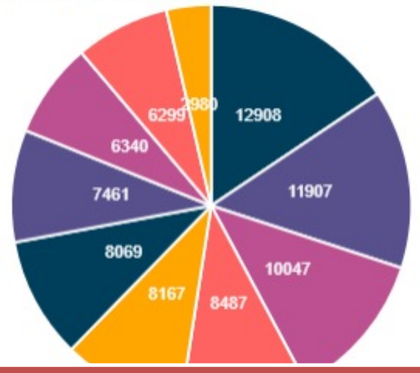
Projects 1093

Scholarly Output

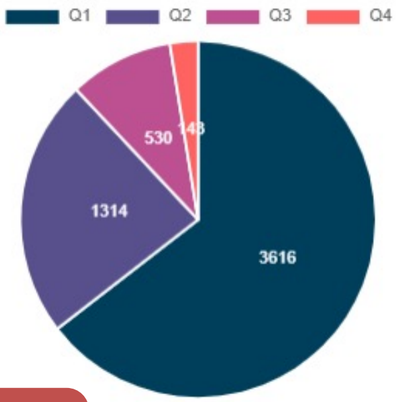


Citation Counts

(All Citations of Organizations)



Journal Distribution



https://gcris.iyte.edu.tr/

Publication
10586
Project
1093
Patent
17
GCRIS
Equipment
322
Dataset
4
Thesis
2782
Researcher
316
Award
189

Researcher Profile

Network Lab | Bibliometrics | Email Alert

Baran, Yusuf

Print

Variants	Baran, Y., Baran, Y
Main Affiliation	04.03. Department of Molecular Biology and Genetics
Email	yusufbaran@iyte.edu.tr
Other Emails	ybaran@gmail.com
ORCID	0000-0002-1056-4673
Scopus Author ID	9636164400
WoS Researcher ID	F-8535-2012
Google Scholar	Google Scholar
YÖK Academic	YÖK Academic
Website	Web Site
Documents	CV
Status	Current Staff

Sustainable Development Goals Report Points

1 No Poverty: 1 Research Products	2 Zero Hunger: 9 Research Products	3 Good Health and Well-being: 37 Research Products	4 Quality Education: 16 Research Products
6 Clean Water and Sanitation: 8 Research Products	7 Affordable and Clean Energy: 20 Research Products	8 Decent Work and Economic Growth: 8 Research Products	9 Industry, Innovation and Infrastructure: 40 Research Products
11 Sustainable Cities and Communities: 2 Research Products	12 Responsible Consumption and Production: 8 Research Products	13 Climate Action: 17 Research Products	14 Life Below Water: 8 Research Products
15 Life on Land: 5 Research Products	16 Peace and Justice Strong Institutions: 1 Research Products		

Scopus

Documents	Citations	h-index	Co-authors
99	3727	33	306

Scopus's all publications.

Google

Documents	Citations	h-index	i10-index	Co-authors
188	6185 / 3644 All / Since 2016	40 / 24 All / Since 2016	81 / 51 All / Since 2016	0

Citation Per Year

Interests

Google Scholar's all publications.

The numbers and metrics below are limited only to the scholarly outputs generated in this institute.

İYTE

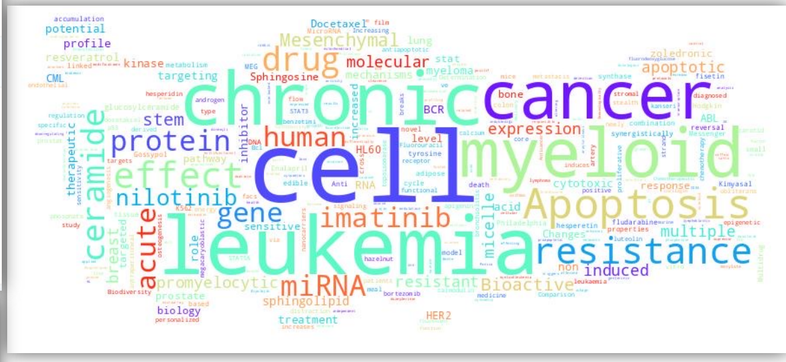
Scholarly Output	Citation Count	Field Weighted Citation Impact	Supervised Theses
157	3299	1.46	16

All internal publications.

Google Analytics Visitor Traffic

Q Distribution

Print



GCRIS: Organization Units Analytics

Organizational Unit Overview Report

04.03. Department of Molecular Biology and Genetics

Overall Performance

İYTE

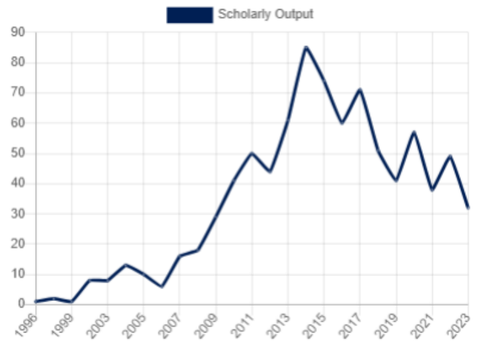
Print

885 Scholarly Output	605 Journal Articles	17165 Citations	4.5M/714.1K Views / Downloads
58 H-Index	358 I10-Index	1.24 Field Weighted Citation Impact	183 Supervised MScTheses
31 Supervised PhDTheses	5 Patents	123 Projects	28.37 Citations per Publication
974 Open Access Source			

* Citation and index related metrics Scopus data were used to calculate.

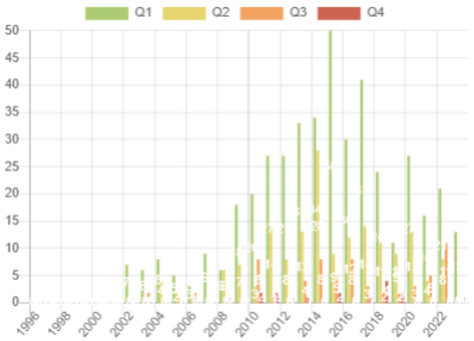
Scholarly Output

Print



Q Distribution

Print



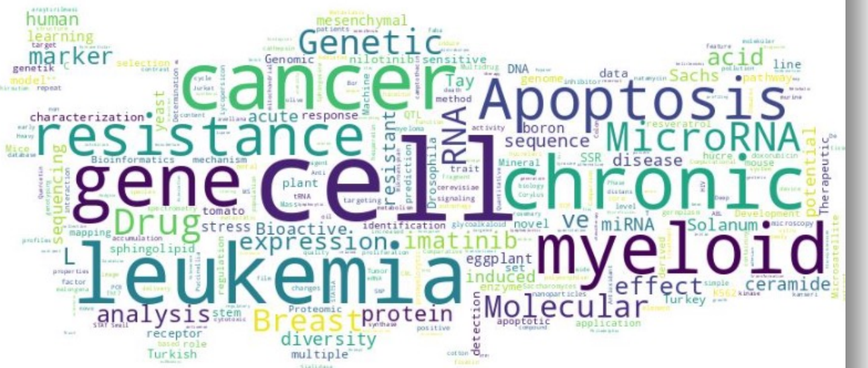
Journals

Print Export CSV

Journal	Count
Haematologica	34
Turkish Journal of Biology	16
Methods in Molecular Biology	11
PLoS ONE	9
Leukemia Research	9
Hematology	8
Euphytica	7
Journal of Integrative Bioinformatics	7
Molecular Biology of the Cell	7
Journal of Biological Chemistry	6

1 2 3 4 5 > >>

Competency Cloud



GCRIS: Advance Reporting Dashboard

Quick Reports

Organization

Dashboard Reports | Charts

Researcher

Dashboard Reports | Charts

İstatistikler

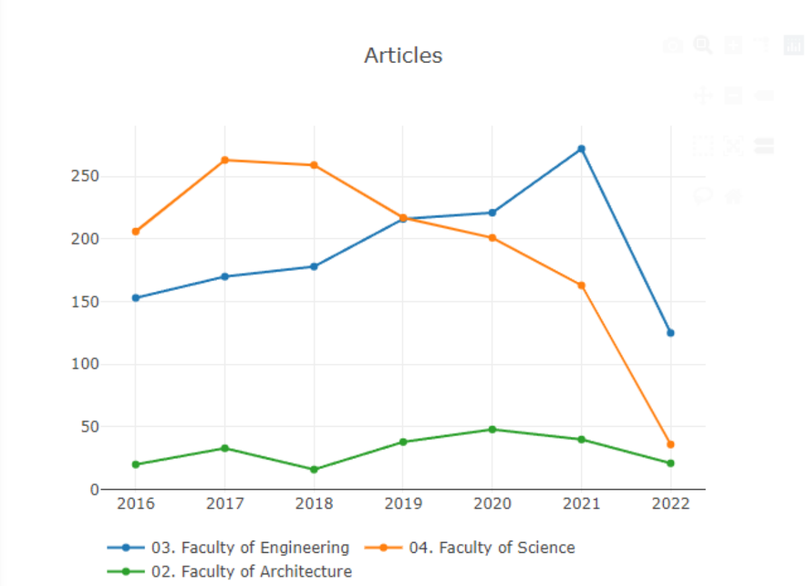
Açık Erişim Yayın Sayısı	7636
PubMed Bibliyografik Yayın Sayısı	1041
PubMed Tam Metin Yayın Sayısı	687
Scopus Bibliyografik Yayın Sayısı	5268
Scopus Tam Metin Yayın Sayısı	4277
TRdizin Bibliyografik Yayın Sayısı	323
TRdizin Tam Metin Yayın Sayısı	275
WoS Bibliyografik Yayın Sayısı	5482
WoS Tam Metin Yayın Sayısı	4010

Parameter: Articles

Organizations: 03. Faculty of Engineering × | 04. Faculty of Science × | 02. Faculty of Architecture ×

Year Range: 2016 – 2022

Refresh



#	Organizations	Parameter	Total Count
1	03. Faculty of Engineering	Articles	1335.00
2	04. Faculty of Science	Articles	1345.00
3	02. Faculty of Architecture	Articles	216.00

GCRIS Home Collections Research Outputs Researchers Organizations Projects Reports Awards Equipments Help Sign on to:

Türkçe English

IYTE GCRIS Database

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Search All

https://gcris.iyte.edu.tr/

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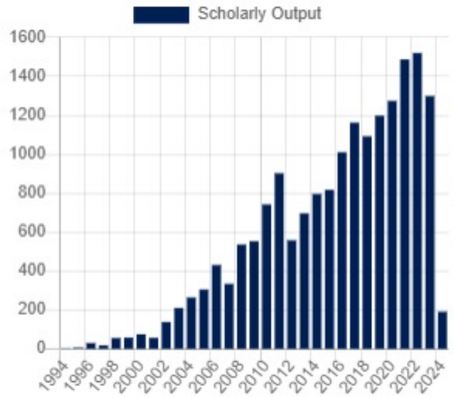
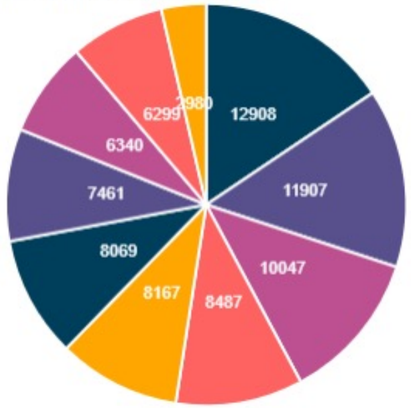
Scholarly Output

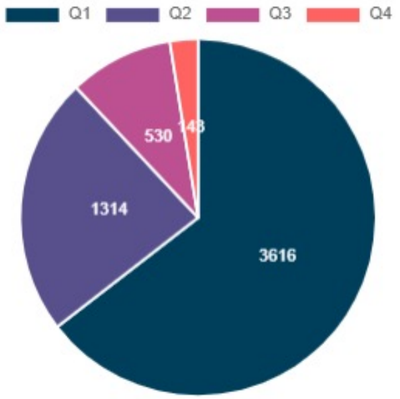


Citation Counts

(All Citations of Organizations)



Journal Distribution



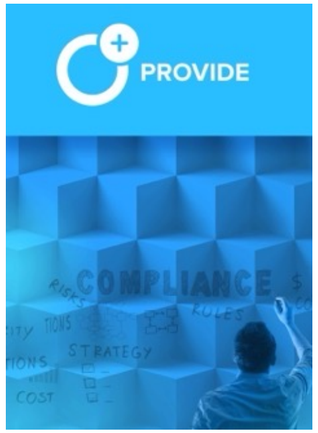
@openaire_eu

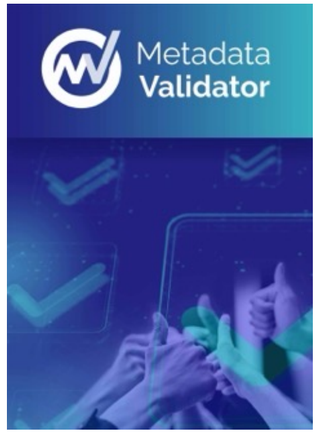
OpenAIRE

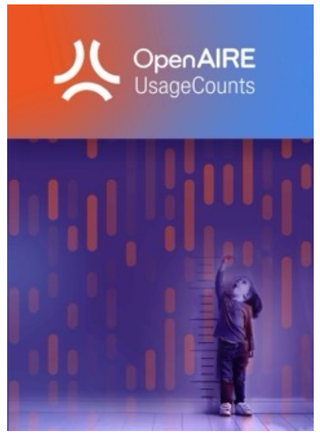
Open Scholarly Communication Infrastructure

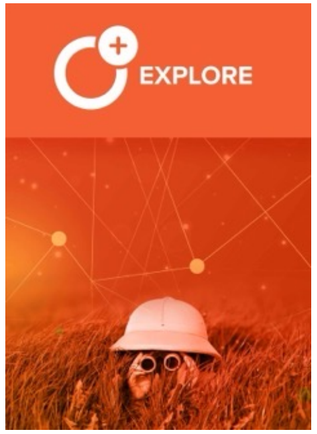
Becoming a Member

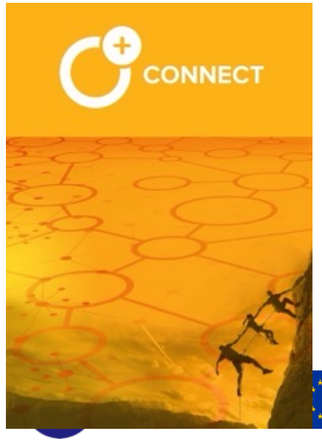
OpenAIRE

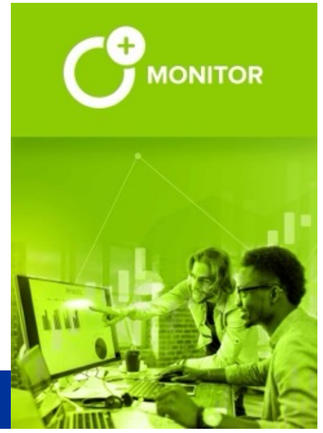


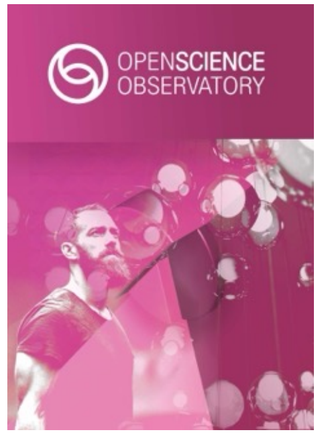


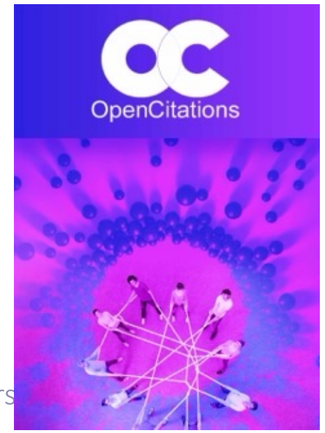












Services **for all actors** in the R&I ecosystem

http://catalogue.openaire.eu

Why become a member of OpenAIRE

- Because you are an **Open Science leader**, or you want to become one
- Because you want to **co-shape how Open Science** is implemented
- Because you want **innovation** and **state-of-the-art technology** in scholarly communication
- Because you want your **investments to have a transformative impact**
- Because you want to build the **new generation of skilled** professionals

Because you understand that Open Science isn't just the future—**it's the present**.

OpenAIRE

What you get out of OpenAIRE

- **Gain access to an extensive network of organisations** all actively engaged in Open Science. A platform for shared learning and exchanging insights, strategies, and best practices.

- **Get the unique opportunity to co-create and co-own OpenAIRE standards and services** and collaborate with fellow Members to shape these according to your specific needs.

- **Deploy OpenAIRE services locally, integrate with infrastructures** such as EOSC and benefit from substantial discounts, privileged access, and prioritized support.

What you get out of OpenAIRE

- **Drive the national Open Science agenda forward** by positioning your institution as an active and visible Member of the national and global Open Science community. Participate in existing initiatives or spearhead new activities.

- **Develop leadership skills in Open Scholarly Communication** through participation in EU proposals, contributing to the development of Open Science policies and frameworks.

- **Use global OpenAIRE channels** to promote national services, positions, and events, reaching a wider audience.

How you participate

- **Standing Committees**
  - Open Science Policies
  - Training & Support
  - Outreach & Engagement
  - Services & Technology

- **Working Groups**
  - Research Data Management
  - Open Science Monitoring
  - Business Models
  - Interoperability Guidelines
  - EOSC

Fees for members

Fees for members

The following fee tiered structure for members is effective from 2024.

- NOADs, Research Performing and Research Funding Organisations' fees are differentiated based on the **Gross Domestic expenditure on Research and Development** (Eurostat GERD) **(TIER 1-3)**.
- Non-profit organisations and ERICs will pay an annual fee of **1000 Euros (TIER 4)**.

TIER	THRESHOLD GERD	FEE IN EUROS
Tier 1	2.5 - 5.0	2500
Tier 2	1.0 - 2.5	1500
Tier 3	0.0 - 1.0	500
Tier 4	Flat	1000

Discounts are foreseen in the following cases:

- **Group membership** from National Consortia: 10% for 2-3 members, 20% 4-6 members, 30% for 7+ members.
- Organisations that come from countries with austerity, war or similar extraordinary conditions will pay 0 fees. Criteria to be decided by the EB*.

OpenAIRE

Interested in membership? Contact us or our NOADs

- Our network of **37 European National Open Access Desks** are experts in Open Access and Open Science.
- They are **embedded in national infrastructures** and are here to help you make the transition to Open Science: starting from the basics **on OA policies and mandates**, on to how to apply good **Research Data Management**, to address **legal aspects**, or to **build and use infrastructure**.

Get to know all of our NOADs: https://www.openaire.eu/contact-noads

OpenAIRE

Open Science in Türkiye and the Impact of OpenAIRE

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