Відкрита наука: практики, успішні кейси, роль бібліотек

Ірина Кучма, менеджерка програми Відкритий доступ

eifl KNOWLEDGE WITHOUT BOUNDARIES

Tktktk, CC BY-SA 3.0, https://en.wikipedia.org/wiki/Wrap_rage

Open Science

Setting of an Expert Group on the Future of Scholarly Publishing

DG Research and Innovation (DG RTD) is setting up an **Expert Group on the Future of Scholarly Publishing** in order to support the research and innovation policy development on Open Science. The group's tasks shall be to assess emerging and alternative open access business models with the aim of establishing how an economically viable transition towards open access can be achieved. An important element of the group's work will be establishing general principles for the future of open access publishing and scholarly communication.

The group shall consist of up to 12 members that can be either:

- individuals appointed in a personal capacity, who will act independently and in the public interest
- organisations, which will have to be registered in the Transparency Register.

Interested individuals and interested organisations are invited to submit their application to DG RTD.

- Further details and supporting documents

Workshop: IPR, Open Science and Technology Transfer

9 March 2017
Room VML02, Rue Van Maerlant, 2 – 1040 Brussels

A Vision for Europe

- Open Innovation
- Open Science
- Open to the World

Events

29 March 2017, Brussels, Belgium - FutureTDM Workshop II - European Parliament event on text and data mining

23-28 April 2017, Vienna, Austria - European Geosciences Union

25 April 2017, Ohrid, former Yugoslav Republic of Macedonia - How to best attract talented researchers

4 May 2017, Berlin, Germany - E-Rare Workshop on Data sharing and Harmonization

9 June 2017, Brussels - Forum: 'Health

Open Access

Open access (OA) can be defined as the practice of providing on-line access to scientific information that is free of charge to the user and that is re-usable. In the context of R&D, open access to 'scientific information' refers to two main categories:

- Peer-reviewed scientific publications (primarily research articles published in academic journals)
- Scientific research data: data underlying publications and/or other data (such as curated but unpublished datasets or raw data)

It is now widely recognised that making research results more accessible to all societal actors contributes to better and more efficient science, and to innovation in the public and private sectors The Commission therefore supports open access at the European level (in its framework programmes), at the Member States level and internationally.

Open Access in Horizon 2020

Peer-reviewed scientific publications

All projects receiving Horizon 2020 funding are **required** to make sure that any peer-reviewed journal article they publish is openly accessible, free of charge (article 29.2. Model Grant Agreement).

Research data

The Commission is running a **pilot on open access** to research data in Horizon 2020: the Open Research Data (ORD) pilot. This pilot takes into account the need to balance openness with the protection of scientific information, commercialisation and Intellectual Property Rights (IPR), privacy concerns, and security, as well as questions of

News

Academies' new guidelines on good science publishing

France's Académie des sciences, the German National Academy of Sciences Leopoldina, and the UK's Royal Society have presented to Commissioner Carlos Moedas joint guidelines for high-quality publications in scientific journals.

» Read all

Events

29 March 2017, Brussels, Belgium - FutureTDM Workshop II - European Parliament event on text and data mining

23-28 April 2017, Vienna, Austria - European Geosciences Union

25 April 2017, Ohrid, former Yugoslav Republic of Macedonia - How to best attract talented researchers

4 May 2017, Berlin, Germany - E-Rare

Research & innovation
Innovation
Emerging Technologies
European Open Science Cloud
Open Science
Open Access
Citizen science
Global Systems Science
ICT & Art
EU Funded Projects
Digital Infrastructures
Components & Systems
Robotics

Open Science

Article | Latest

Open Science aims at transforming science through ICT tools, networks and media, to make research more open, global, collaborative, creative and closer to society.

Share

Open science is about the way research is carried out, disseminated, deployed and transformed by digital tools, networks and media. It relies on the combined effects of technological development and cultural change towards collaboration and openness in research.

Open science makes scientific processes more efficient, transparent and effective by offering new tools for scientific collaboration, experiments and analysis and by making scientific knowledge more easily accessible.

Read more about Open Science in the concept paper.

A European strategy for Open Science

The European Commission has launched the "European Cloud Initiative - Building a competitive data and knowledge economy in Europe" to endorse Open science. It will enable researchers to process the huge amounts of scientific data generated by research and to share their scientific results while improving access to knowledge and thus, innovation.

More information is available on the European Open Science Cloud webpage.

Other relevant related initiatives, considering the ICT-triggered changes in the invididuals and society include:

Events
Funding
Newsletters
Consultations
Blog
Discussions

@DSMeu

DigitalSingleMarket
@DSMeu

#DigitalSkills are becoming indispensable for farmers, teachers or doctors. EU helps to bridge the skills gap bit.ly/2gtESjz #GOW17 pic.twitter.com/CPQsjvAmM3

40m

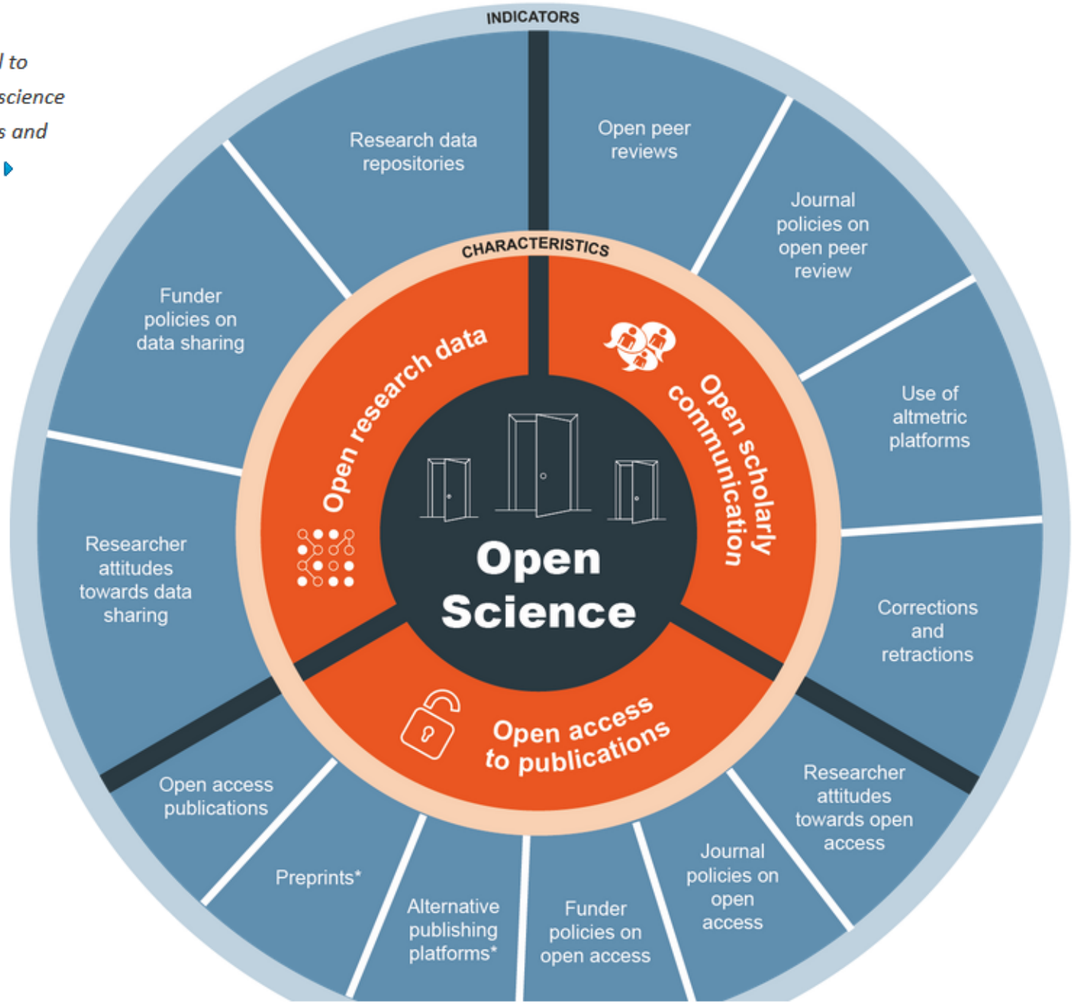
DigitalSingleMarket
@DSMeu

What should an EU agency do to strengthen Europe's

Open Science Monitor

Open science represents an approach to research that is collaborative, transparent and accessible. Open science occurs across the research process and there are many different activities that can be considered part of this evolution in science. The open science monitor tracks trends in areas that have consistent and reliable data.

Use the wheel to explore open science characteristics and indicators.



European Open Science Cloud

11 October 2016 – first report from the High Level Expert Group

The Commission has published today the first report of the Commission High Level Expert Group on the European Open Science Cloud (HLEG EOSC).

The Report recommends to close discussions about the 'perceived need' of a science cloud and to take immediate action on the EOSC in close concert with Member States, building on existing capacity and expertise. They also recommend writing clear Rules of Engagement for access to the EOSC and for the provision of services based on research data (e.g. TDM, data analytics, etc.). But the implications of the report reach further in several aspects of Open Science policy more broadly. They recommend framing the EOSC as the EU contribution to a future, global Internet of FAIR Data and Services underpinned by open protocols. They recommend to set-up and fund a concerted effort to develop core data expertise in Europe. They estimate that half a million 'core data scientists' are needed to make the most of open research data in Europe. Finally, they recommend changing radically the funding model for research data, from traditional and rigid funding schemes of the past - e.g. small and unaccounted part of a time-limited and space-bound grants to an overall co-funded national / EC funding scheme. They estimate that on average about 5% of total research expenditure should be spent on properly managing and 'stewarding' data in an integrated fashion.

The Recommendations of the HLEG EOSC provide a solid starting point for further reflection and engagement of scientific user communities, research funders and Member States in the making of the initiative.

Enquiries can be made directly to members of the HLEG EOSC (see inside cover of the

Events

29 March 2017, Brussels, Belgium - FutureTDM Workshop II - European Parliament event on text and data mining

23-28 April 2017, Vienna, Austria - European Geosciences Union

25 April 2017, Ohrid, former Yugoslav Republic of Macedonia - How to best attract talented researchers

4 May 2017, Berlin, Germany - E-Rare Workshop on Data sharing and Harmonization

9 June 2017, Brussels - Forum: 'Health Research in a Connected and Participative Society'

13 June 2017, Tallinn, Estonia - REGIONAL WORKSHOP - How to best attract talented researchers

See all events

European Commission

Realising the European Open Science Cloud

First report and recommendations
of the Commission High Level Expert Group
on the European Open Science Cloud

The importance of sharing data

The error that could subvert George Osborne's austerity programme

The theories on which the chancellor based his cuts policies have been shown to be based on an embarrassing mistake

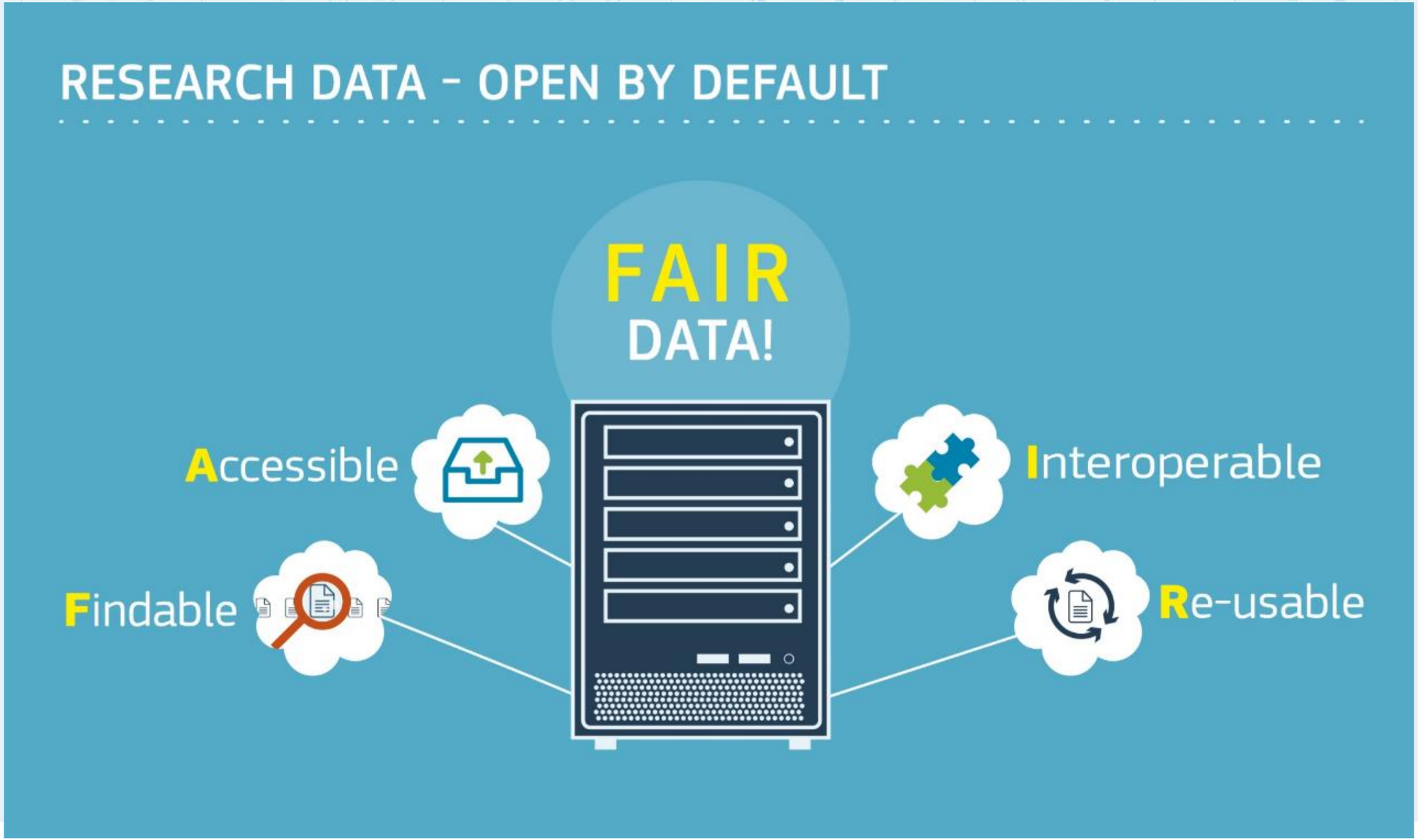
Charles Arthur and Phillip Inman
The Guardian, Thursday 18 April 2013 21.10 BST

George Osborne says that Ken Rogoff, the man whose economic error has been uncovered, has strongly influenced his thinking. Photograph: Stefan Wermuth/PA

A mistake in a spreadsheet led to dramatically different results from those published.

These results were cited by the International Monetary Fund and the UK Treasury to justify austerity programmes.

Had the data been shared, this could have been picked up earlier.

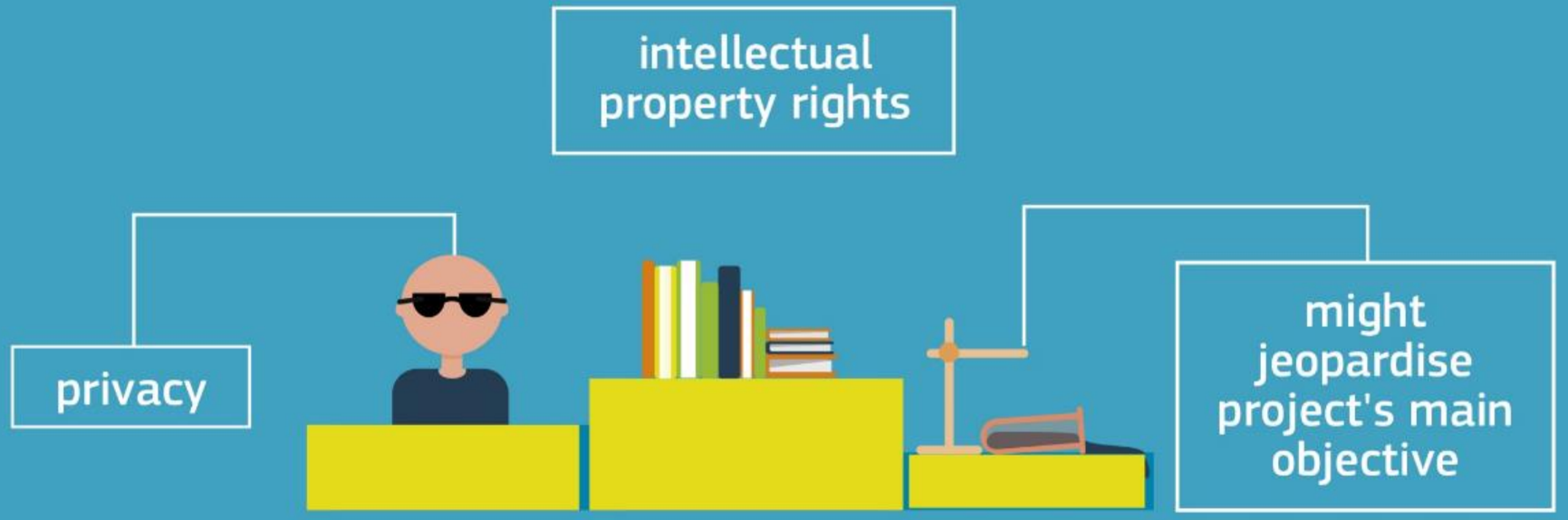

RESEARCH DATA - OPEN BY DEFAULT
FAIR
DATA!
Accessible
Interoperable
Findable
Re-usable

AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

Grantees have the right to **opt-out**, but need to say **why**

AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

Top three reasons for **opt-out**:



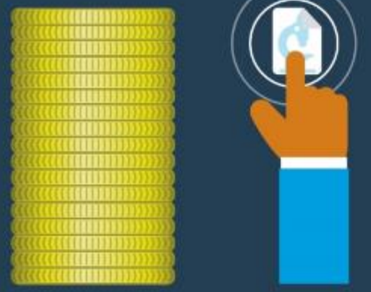
BE PART OF THE NEW ERA OF OPEN SCIENCE

here's one example of **the gains arising from open research data**

Bioinformatics Institute

€1.3 billion per year

Benefits identified by the European Bioinformatics Institute to users and their funders just by making scientific information freely available to the global life science community...



equivalent to **more than** 20 times the direct operational cost of the Institute

Source: Charles Beagrie Ltd. for EMBL-EBI

Expert Group on Altmetrics

NEW: Final Report of the Expert Group on Altmetrics is available

Publication date: 20 March 2017

The Expert Group on Altmetrics outlines in this report how to advance a next-generation metrics in the context of Open Science and delivers an advice corresponding to the following policy lines of the Open Science Agenda: Fostering Open Science, Removing barriers to Open Science, Developing research infrastructures and Embed Open Science in society.

The report will be presented and discussed at the Open Science Policy Platform on 20 March 2017

NEW **The report can be downloaded here** 796 KB

DG Research and Innovation has established an Expert Group on Altmetrics which will conduct its work over the whole of 2016.

The Expert Group will, among other:

- Categorise and review different altmetrics and their relationship to more established scientometrics
- Define the features of a 'responsible metrics' aimed at a responsible use of altmetrics to advance open science, able to track desirable impacts, and qualities of scientific research

Social Corner

Tweets

EUScience&Innovation
@EUScienceInnov

On #WorldMetDay & #DigitalDay17, European #HPC and the #OpenScienceCloud ☁ may help scientists to model #climatechange twitter.com/Ansip_EU/statu...

4 days

Andrus Ansip
@Ansip_EU

#HPC to support #OpenScienceCloud for researchers to store, share & re-use data across disciplines & borders #DigitalDay17 #opendata pic.twitter.com/nBYwEDiVuq

5 days

Universiteit Utrecht

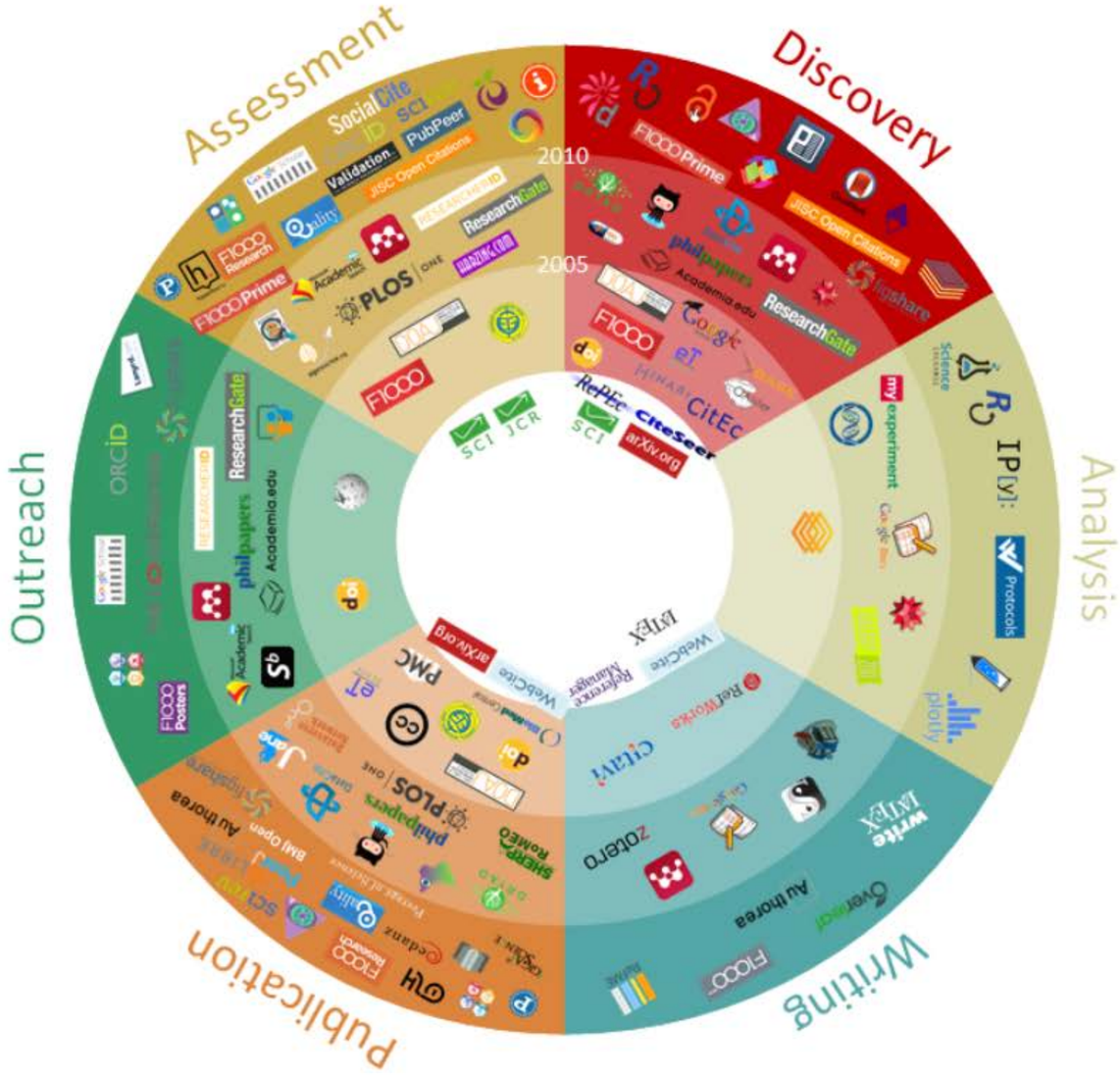
Innovations in Scholarly Communication

简体中文 | français | 日本語 | Русский | Español | العربية

About this project – what we do

We are interested in the way information is created, shared, and processed in academia. This is reflected in a number of related activities aimed at charting the changing scholarly landscape. We created an overview of current and expected developments and models to get a grip on the abundance and variety of research tools used. We are currently charting the creation and availability (supply side) and usage (demand side) of research tools. After that we hope to further investigate why researchers use certain tools, to

101 Innovations in Scholarly Communication



101 Innovations in scholarly communication

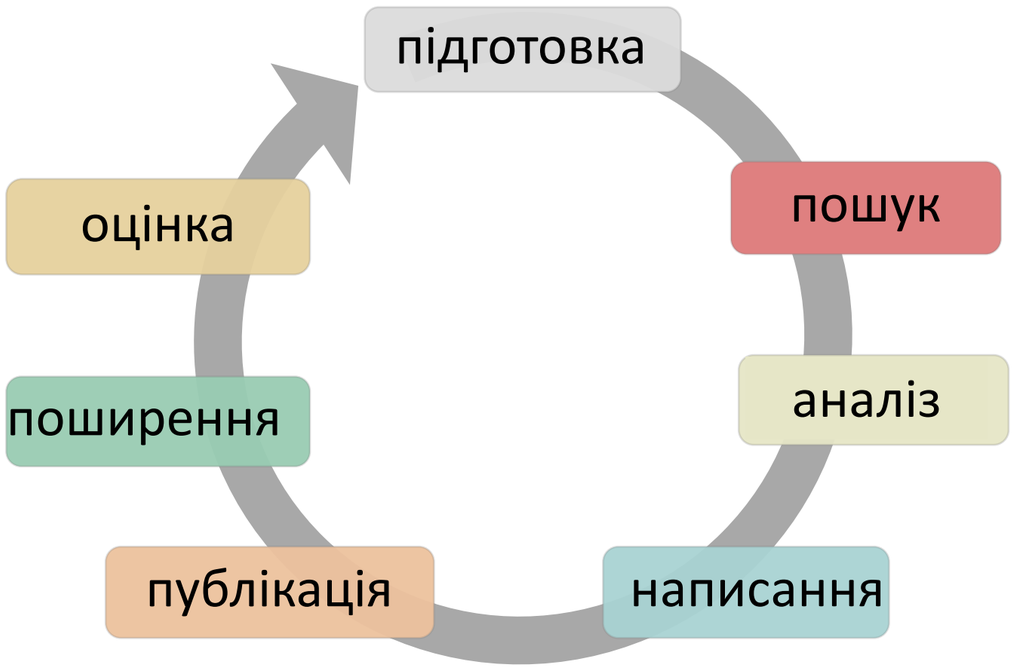
Re-designing research support services

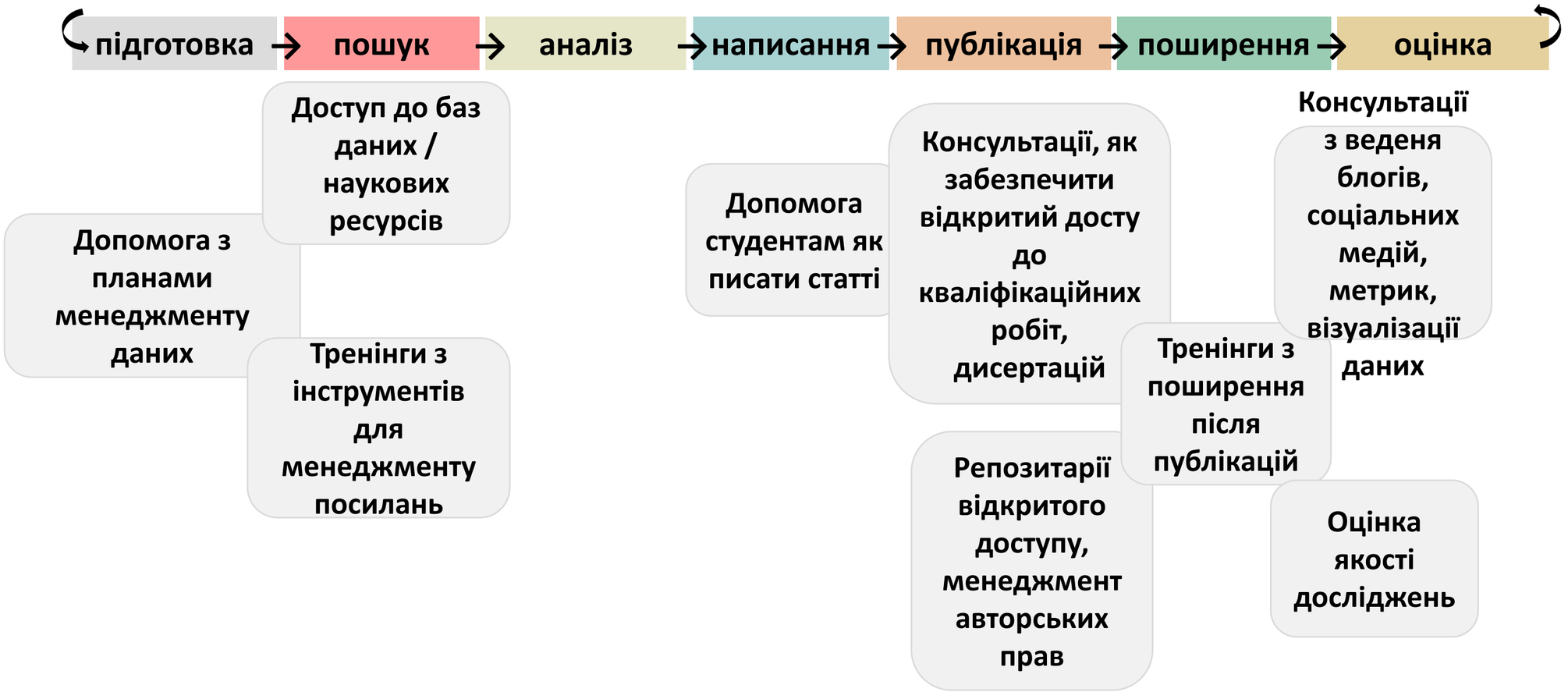
Bianca Kramer & Jeroen Bosman,

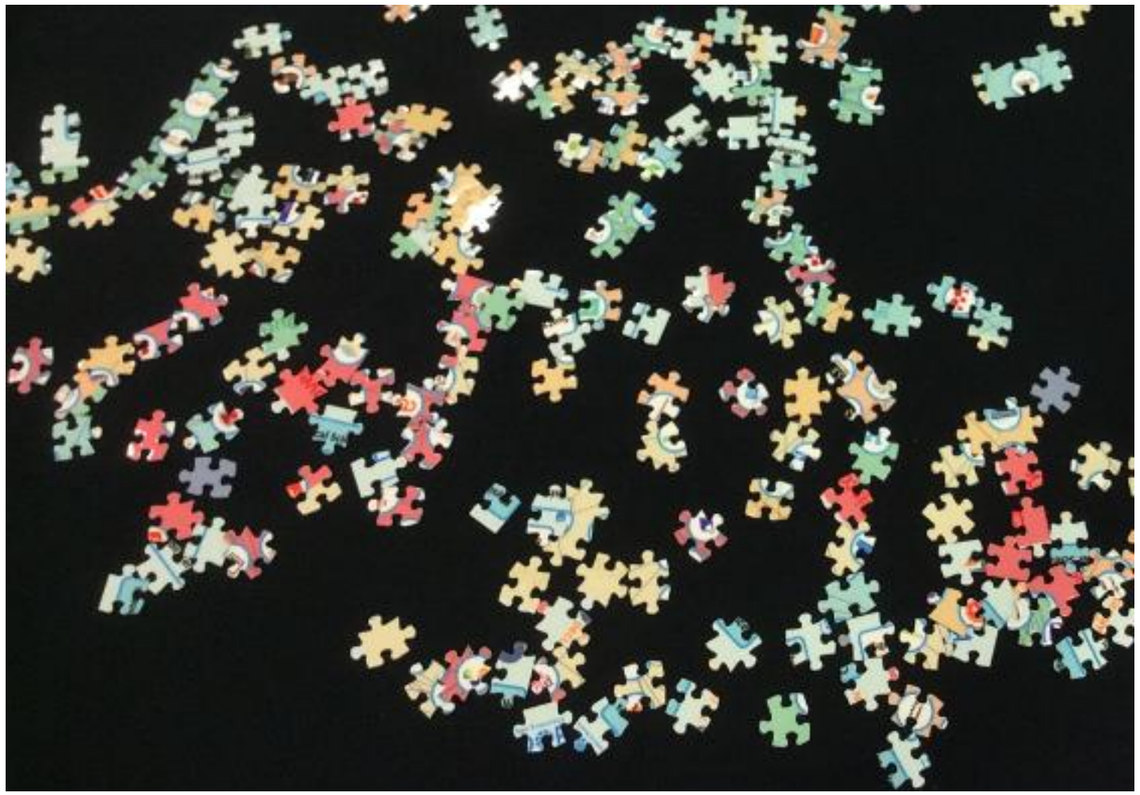
Internet Librarian International, London, October 19, 2016

@MsPhelps
@jeroenbosman

Дослідження




підготовка
пошук
аналіз
написання
публікація
поширення
оцінка
Доступ до баз даних / наукових ресурсів
Допомога з планами менеджменту даних
Тренінги з інструментів для менеджменту посилань
Допомога студентам як писати статті
Консультації, як забезпечити відкритий досту до кваліфікаційних робіт, дисертацій
Репозитарії відкритого доступу, менеджмент авторських прав
Консультації з веденя блогів, соціальних медій, метрик, візуалізації даних
Тренінги з поширення після публікацій
Оцінка якості досліджень



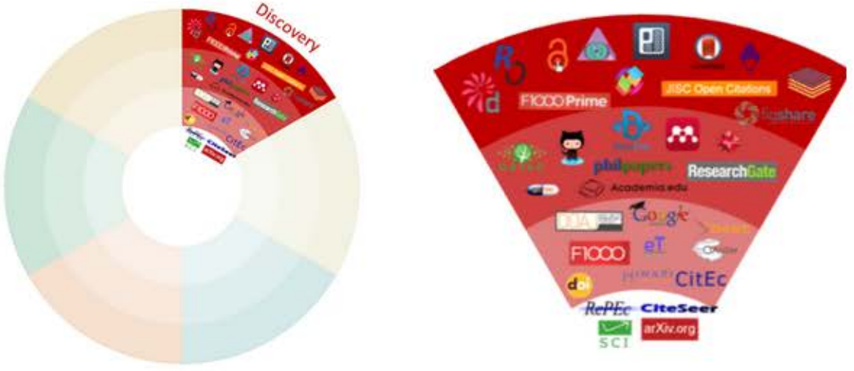
Research activities - Innov...

dashboard101innovations.silk.co/page/Research-activities

Search

Research activities

Discovery



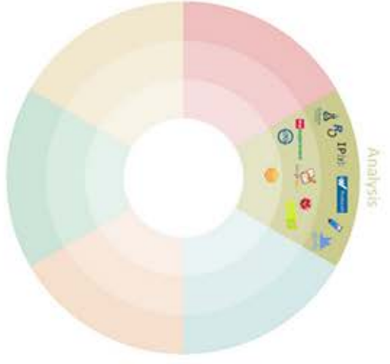
Search literature / data etc.

Get access to literature / data etc.

Get alerts / recommendations

Read / view / annotate

Analysis



Analyze data / text

Share notebooks / protocols / workflows

Innovations in Scholarly Communication survey - dashboard

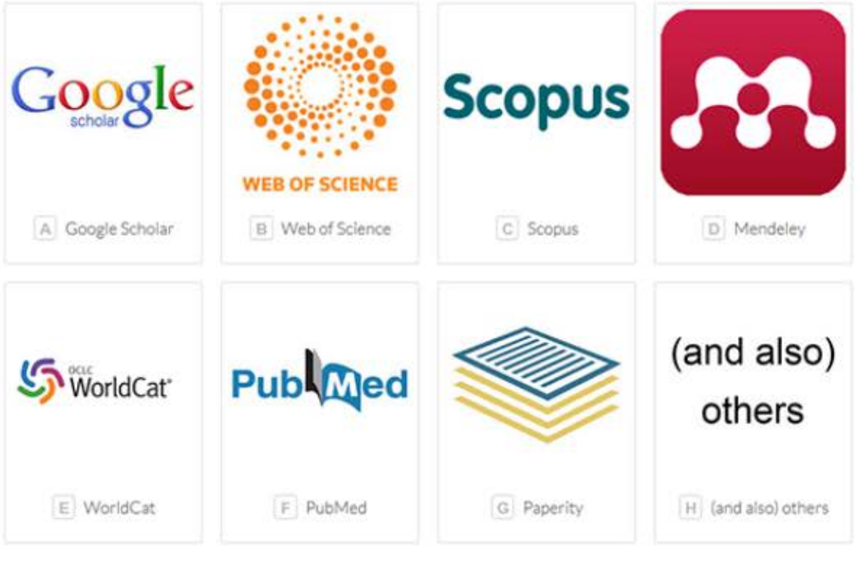
Made with Silk

PAGES DATACARDS EXPLORE SHARE

1. Search

What tools/sites do you use to search literature / data / etc.?

Choose as many as you like



Search literature / data / etc (PRESET ANSWERS)

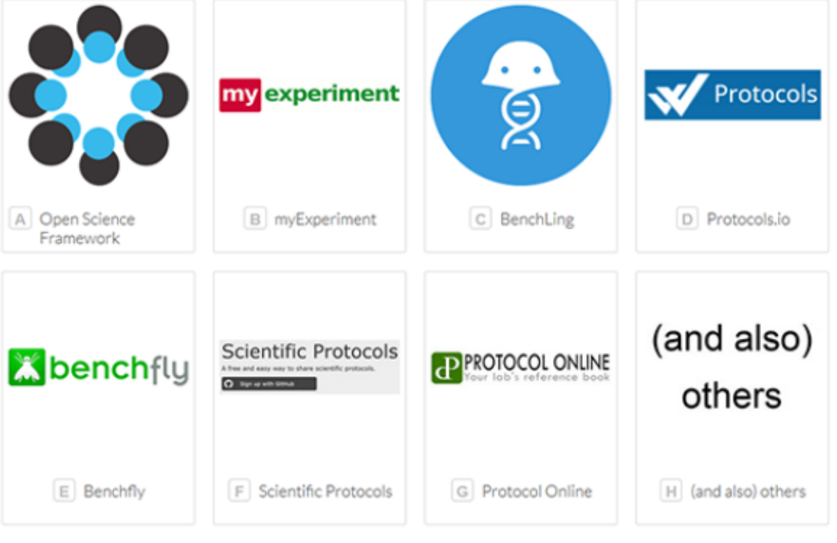
SHARE & EMBED EXPLORE

Search literature / data / etc (OTHERS)

6. Share notebooks / protocols / workflows

What tools/sites do you use to share notebooks / protocols / workflows?

Choose as many as you like



Share notebooks / protocols / workflows (PRESET ANSWERS)

SHARE & EMBED EXPLORE

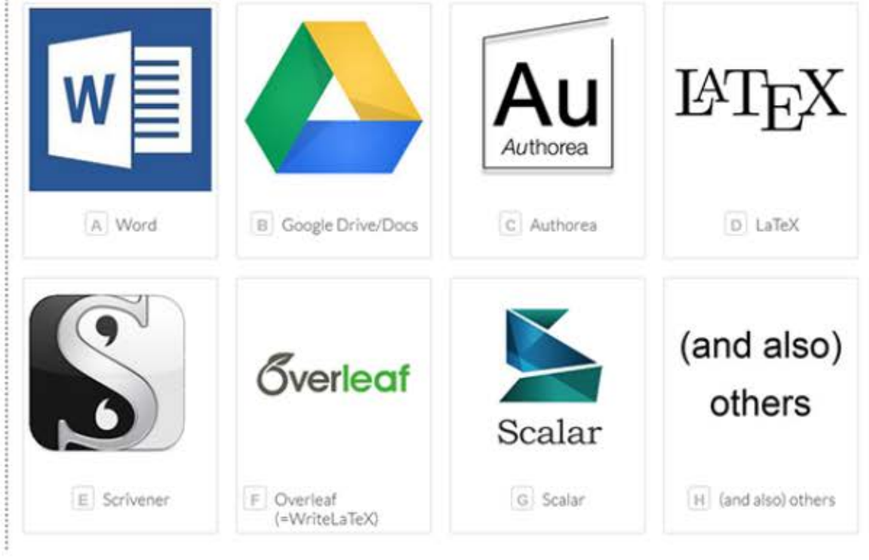
Share notebooks / protocols / workflows (OTHERS)

SHARE & EMBED EXPLORE

7. Write

What tools/sites do you use to write / prepare your manuscript?

Choose as many as you like



Write / prepare manuscript (PRESET ANSWERS)

SHARE & EMBED EXPLORE

Write / prepare manuscript (OTHERS)

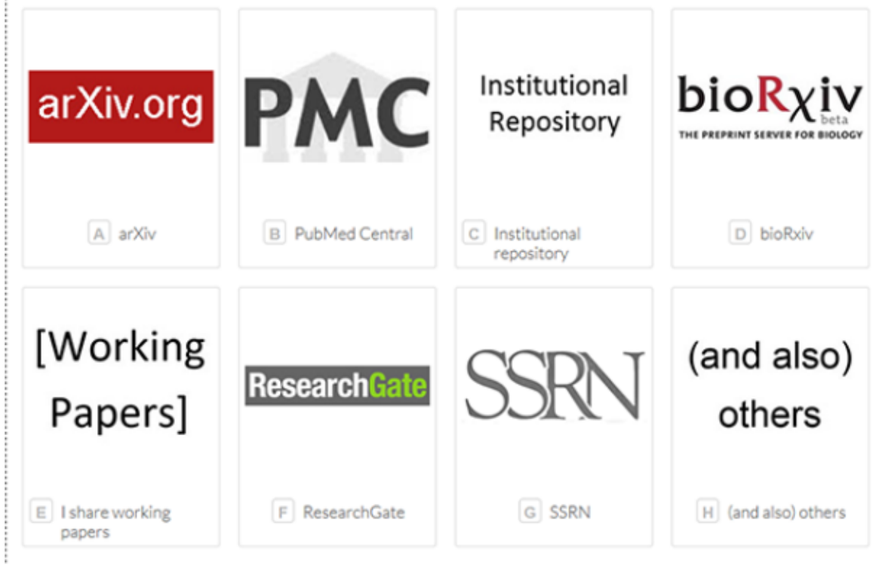
SHARE & EMBED EXPLORE

Innovations in Scholarly Communication survey - dashboard

9. Archive / share publications

What tools/sites do you use to archive/share publications?

Choose as many as you like



Archive / share publications (PRESET ANSWERS)

SHARE & EMBED EXPLORE

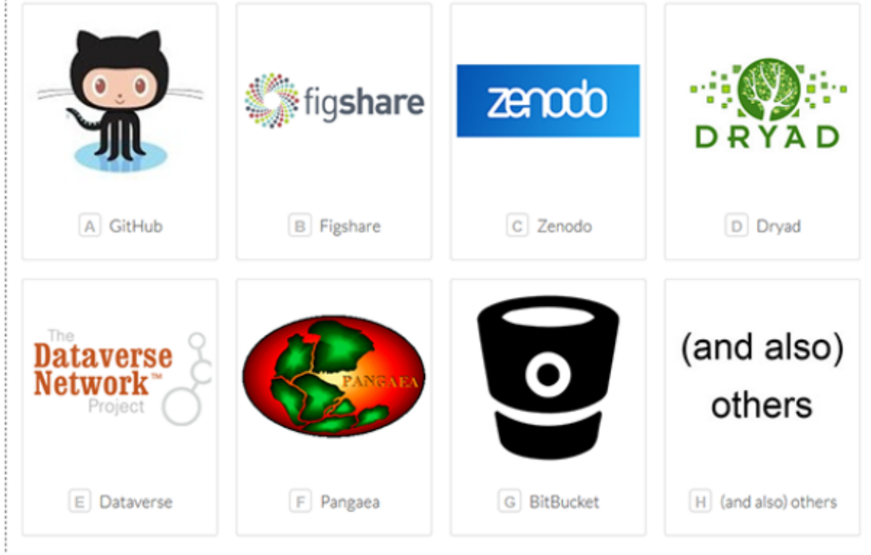
Archive / share publications (OTHERS)

SHARE & EMBED EXPLORE

10. Archive / share data & code

What tools/sites do you use to archive/share data & code?

Choose as many as you like



Archive / share data & code (PRESET ANSWERS)

SHARE & EMBED EXPLORE

Archive / share data & code (OTHERS)

SHARE & EMBED EXPLORE

11. Select journal to submit to

What tools/sites do you use to decide which journal to submit your manuscript to?

Choose as many as you like

- A JCR (impact factors)
- B DOAJ
- C Scopus
- D Sherpa Romeo
- E QOAM
- F SCImago Journal Rank
- G Journalysis
- H (and also) others

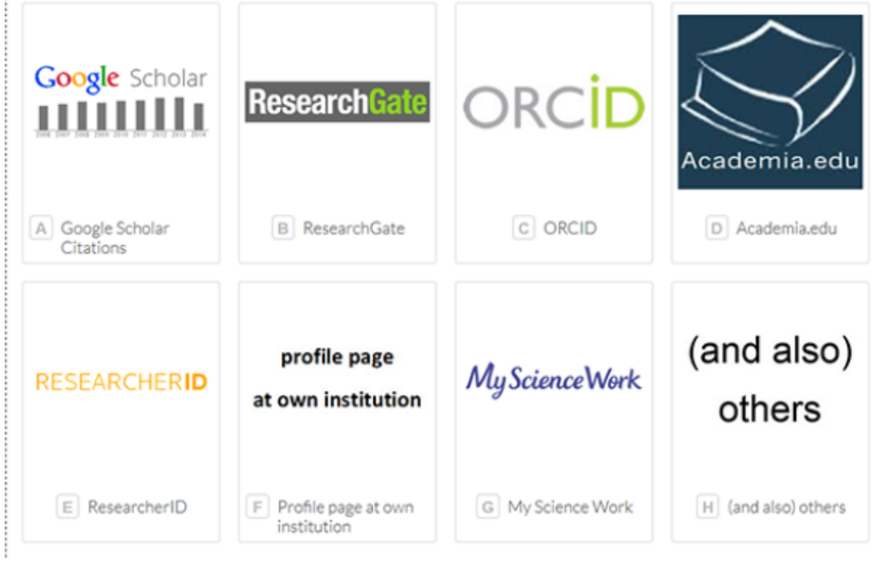
Select journal to submit to (PRESET ANSWERS)

Select journal to submit to (OTHERS)

15. Profiles

What researcher profiles do you use?

Choose as many as you like



What researcher profiles do you use (PRESET ANSWERS)

SHARE & EMBED EXPLORE

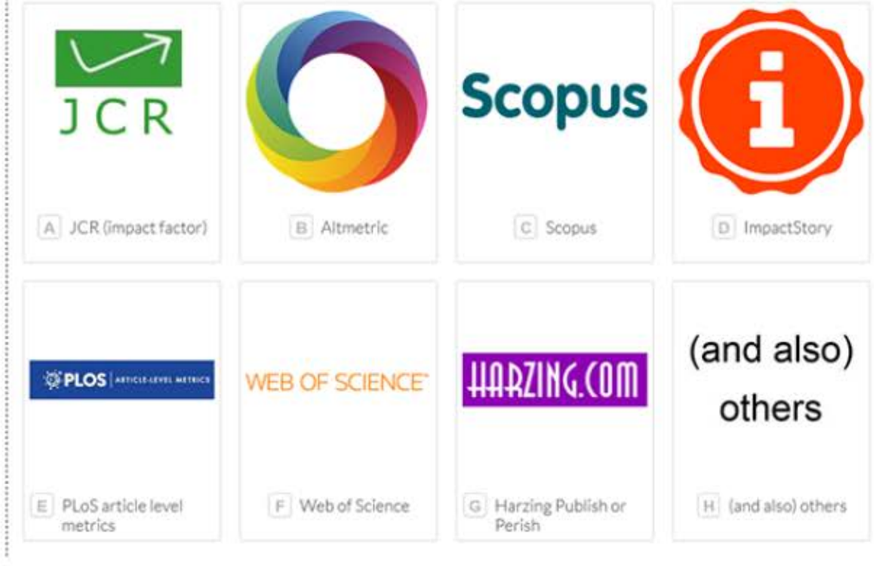
What researcher profiles do you use (OTHERS)

SHARE & EMBED EXPLORE

17. Impact

What tools/sites do you use to measure impact?

Choose as many as you like



Measure impact (PRESET ANSWERS)

Measure impact (OTHERS)

Language-specific tools - ...

dashboard101innovations.silk.co/page/Russian

Search

Innovations in Scholarly Communication survey - dashboard

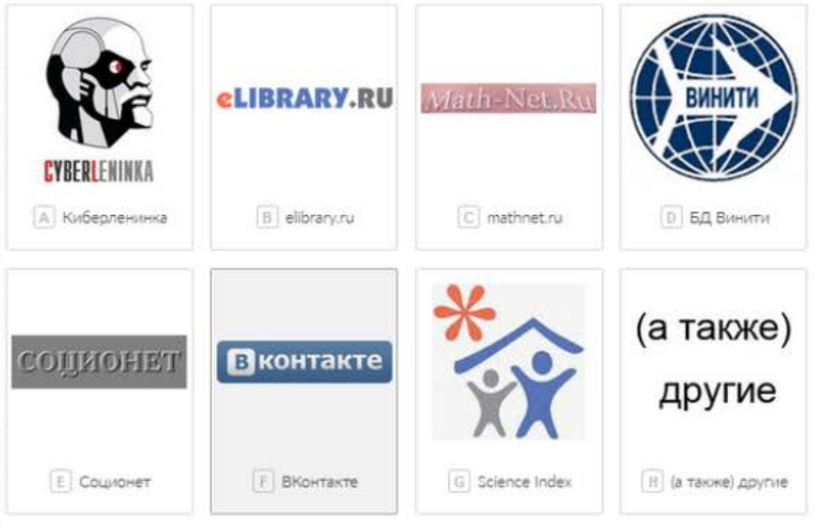
Made with Silk

PAGES DATACARDS EXPLORE SHARE

Language-specific tools - Russian

Какие из используемых Вами средства/сайты ориентированы исключительно на Вашу страну или язык?

Выберите сколько угодно вариантов



Language-specific tools - Russian (PRESET ANSWERS)

SHARE & EMBED EXPLORE

Language-specific tools - Russian (OTHERS)

SHARE & EMBED EXPLORE

FOSTER | Facilitate Open S...

https://www.fosteropenscience.eu

90%

Search

FOSTER

FACILITATE OPEN SCIENCE TRAINING FOR EUROPEAN RESEARCH

Go to the project website

What to do:

Search

Advanced search

Take Courses | Create Courses | See upcoming events

Featured Topics in Open Science


Open Access


Open Science


Open Data


Research Data Management


Open Science Policies

Funders policies

Legal Issues


Open Access policies

FOSTER | Facilitate Open S...

https://www.fosteropenscience.eu

90%

Search

openMINTED featured topics in Text and Data Mining

Relation Extraction

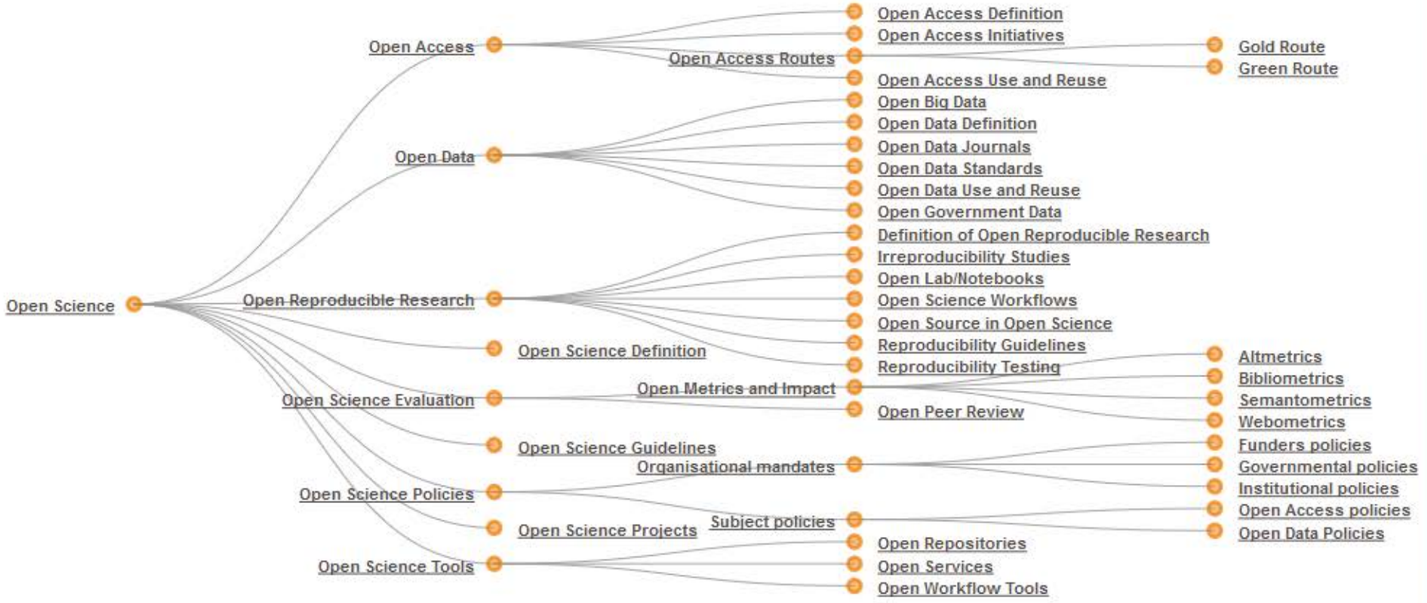
Knowledge Representation

Knowledge Discovery

Co-reference/anaphora Resolution

View all topics.

Open Science | Research Data Management | Ethics | Legal Issues | Text And Data Mining | TDM Methods | Research Workflow



PhD Summer School

A warm welcome to the website of **KTU International PhD Summer School**!

Kaunas University of Technology and a partner of ECIU, the University of Stavanger, organise the 2nd PhD Summer School, dedicated to development of transferable skills. The event will take place on **August 21-25, 2017** at seaside resort **Palanga**. Doctoral students with strong intellectual curiosity will have an opportunity for exploration and cultural enrichment.

KTU PhD Summer School 2017 (download PDF)

BASIC INFO FEES CONTACTS

Basic Info

KTU International PhD Summer School aims to:
- equip participants with essential skills that are necessary in all fields of science;
- provide participants a valuable chance to network with participants form other countries;
- share a friendly social environment, and an exciting time at the seaside resort Palanga.

Prerequisites. The summer school is held in English. In order to participate, doctoral students should have sufficient language skills.
Group size: 50 doctoral students.

Deadlines

Application deadline	**15 May 2017**
Fee payment deadline	**15 June 2017**

Agenda

Agenda

Monday (August 21, 2017)
Arrival, registration

Tuesday (August 22, 2017)
Scientific Writing

Wednesday (August 23, 2017)
Project Management for PhD Students

Thursday (August 24, 2017)
Open Science. Research Data Management, Planning and Tools.

Friday (August 25, 2017)
Departure

Speakers

Flavien Massi

Flavien Massi has more than 7 years experience in innovation and project management and is currently working as a senior consultant with Intelligentsia Consultants Sàrl (Luxembourg). He has degrees in innovation & project management (BSc, University of Belfort) and European innovation project & technology transfer (MSc, University of Angers). Flavien Massi is specialised in the management of scientific proposals for European funding programmes. He wrote several successful FP7 and H2020 projects in different fields of S&T (e.g. material sciences, additive manufacturing, logistics, agri-food, etc.) and is the coordinator of two of them.

During the last years he has developed a portfolio of training courses on innovation related topics such as

OPEN ACCESS AND OPEN RESEARCH DATA IN CHINA

EIFL guest blogger Dr Ku Liping shares highlights from the growing open access and open data movement in China

Our guest blogger, Dr Ku Liping of the National Science Library, University of Chinese Academy of Sciences.

Posted by Iryna Kuchma, Open Access Programme Manager, March 17, 2016

In 2014, the Chinese Academy of Sciences and the National Natural Science Foundation of China (NSFC) issued open access policies to make their research openly available. These policies are producing results, and open access and open data are steadily growing in China.

OPEN ACCESS TO PUBLICATIONS

In May 2015, the National Natural Science Foundation of China (NFSC) launched an open access (OA) repository to support implementation of the NFSC policy statement on open access to research publications of its funded projects.

Today, less than a year after its launch, the Open Repository of the NSFC includes 135,000 research articles published between 1998 and 2015 by 274,634 authors from 1,305 institutions. These research papers have already been downloaded over 669,001

eifl
knowledge without boundaries

Mahidol University
Library and Knowledge Center

EIFL-Mahidol Libraries
Workshop

Niamh Brennan
Programme Manager from Research Informatics,
Trinity College Library Dublin

Iryna Kuchma
Open Access Programme Manager,
EIFL (Electronic Information for Libraries)

Dr.Adisak Sukul
Department of Computer Science,
Iowa State University

Research Evaluation Tools & Data Science for Libraries

May 16-17, 2017

9:00-16:00 hrs. Mini Theater, Floor 3,
Mahidol Learning Center (MLC)
Mahidol University, Salaya

Online registration at http://www.li.mahidol.ac.th/training/eifl

Mahidol University Library

Посилання

http://ec.europa.eu/research/openscience

https://ec.europa.eu/digital-single-market/en/open-science

Realising the European Open Science Cloud Report

https://101innovations.wordpress.com

http://dashboard101innovations.silk.co/page/Research-activities

https://www.fosteropenscience.eu