

**CORSI DI FORMAZIONE**



**Consiglio Nazionale  
delle Ricerche**  
**ILIESI**

# Strumenti Open e Open Access

Elena Giglia

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 @egiglia



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In questo modulo impareremo:

1. Strumenti per aprire tutti i passi della ricerca
2. Strumenti collaborativi
3. Focus su Open Access

## MESSAGGI CHIAVE

- Sono tutte pratiche che potete usare già adesso senza danneggiare la carriera
- **un passo per volta... ma fate il primo passo**

# Open Science in Practice Webinar Series

This webinar series showcases the projects awarded an Open Science Fund grant and covers a wide variety of open science topics. On this page you can find more information about the webinars and recordings of all the webinars. [OS webinars 2022](#)

The NWO Open Science Fund... open science into practice. ... broad range of open science... science, to FAIR sharing of re... change.

Facilitating the sharing and reuse of qualitative data

Interoperable Open Research

Fair metrics for FAIR software

Open tools for data enrichment and visualization

Open Journals and non-profit publication infrastructures

## Open Science

Open Access Publishing

Open Science in Practice

Webinar Series 2022

Plan S

Home  
Calendario  
Course sections  
Welcome!  
What is Open Science?  
What is European Open Science Cloud (EOSC)?  
EOSC in practice: EOSC

## Open Science MOOC

Welcome! What is Open Science?

What is European Open Science Cloud (EOSC)? Research data management

Completion Credits

In this module you will learn about the Open Science movement and its principles. We will also look at the practical advantages of embracing these principles and present some easy steps to join the movement.

By the end of this module, you will be able to:

- Define the concepts of Open Science and Open Access.
- Explain the benefits of Open Science practices from a researcher's and society's perspective.
- Start practicing Open Science.

Watch the introductory video and find out what the Open Science movement is about and how it helps you as a researcher or society

## PhD on Track

PhD on Track: A guide for researchers

REVIEW AND WRITE learn about:

- reviewing
- types of reviews
- searching
- searching techniques
- writing
- the dissertation

SHARE AND PUBLISH learn about:

- where to publish
- submitting articles
- co-authorship
- copyright
- the CrisIn system
- citation impact

OPEN SCIENCE learn about:

- open access publishing
- open archives
- research data
- data management
- sensitive data
- preregistration

YouTube Cerca

## OLS openlifescience full course online



Open LifeSci

@OpenLifeSci  
332 iscritti

Video Riproduci tutti

OLS6 / week9 / Open Leadership: Academia, industry and beyond! 12 visualizzazioni • 2 giorni fa

OLS6 / week 8 / Community design for inclusivity 5 visualizzazioni • 7 giorni fa

Workshop: Accessibility Inclusion for Visual... 44 visualizzazioni • 8 giorni fa

OLS-6 cohort / Week 6 / Project Development and... 49 visualizzazioni • 3 settimane fa

OLS-6 cohort / Week 5 / GitHub for Collaboration! 20 visualizzazioni • 4 settimane fa

## Welcome

## The Turing way

The Turing Way is an open source community-driven guide to reproducible, ethical, inclusive and collaborative data science.

Our goal is to provide all the information that data scientists in academia, industry, government and the third sector need at the start of their projects to ensure that they are easy to reproduce and reuse at the end.

The book started as a guide for reproducibility, covering version control, testing, and continuous integration. However, technical skills are just one aspect of making...

In February 2020, *The Turing Way* expands communication, collaboration, and ethical...



Ouvrir la science!

OPEN SCIENCE OUR ACTIONS RESOURCES NEWS WHO ARE WE?

2024



The Passport For Open Science is a guide designed to accompany PhD students at every step of their research career, whatever their disciplinary field. It provides a set of tools and good practices that can be directly implemented.

NOT TO DO

unesco  
Open Science  
Home Implementation Toolkit Global Open Science Partnership Development  
UNESCO toolkit  
Open Science Toolkit

# Help

2022



**"S-LÉGAMI!"**  
OPEN ACCESS - MANUALE D'USO PER RICERCATORI

Seconda edizione  
aggiornata e ampliata con circa  
100 domande sull'Open Science



OPEN-SCIENCE.IT  
La scienza condivisa

HOME NAVIGA IL SITO EVENTI

<https://open-science.it/>

## Dati della ricerca e aspetti legali

VAI ALL'ARTICOLO NAVIGA IL SITO

OA-Italia – Lista di discussione su temi relativi all'accesso aperto

Italian Computing and Data Infrastructure OS café

### Lista OA Italia

Dettagli su OA-Italia

Scopo di questa lista è quello di condividere e scambiare opinioni, informazioni, iniziative relative all'accesso aperto (OA) lista e' aperta, ed indicizzata dai principali motori di ricerca e il suo archivio e' liberamente consultabile. L'iscrizione via

This list covers OA issues. The language of the list is Italian. It is open to anybody interested in this topic. The list Archivi

Per consultare la raccolta dei messaggi precedentemente inviati alla lista, visita gli [Archivi della lista OA-Italia](#).

#### Uso di OA-Italia

Per inviare un messaggio a tutti gli iscritti della lista, scrivi all'indirizzo [oa-italia@openarchives.it](mailto:oa-italia@openarchives.it).

Puoi iscriverti alla lista, o cambiare la tua iscrizione corrente, nella sezione sottostante.

#### Iscrizione a OA-Italia

Iscriviti a OA-Italia completando il seguente modulo. Questa è una lista chiusa, quindi la tua iscrizione è stata sospesa in



In Unito Come Cos'è utile Perché è importante Editori e Politiche Open Access (EPOcA) Eventi C

Video Open Science <https://www.oa.unito.it/new/>

## Open Science @UNIMI

Open Science UniMI

### Open Science passo dopo passo

Si può fare Open Science, in concreto, ogni giorno, un passo per volta. E non è incompatibile con VQR, ASN...

Provate uno strumento dall'elenco di link raccolti in Open Science in pratica (richiede login)

Open Science in pratica



aggiungendo misure di impatto comunicando sui social media condividendo poster e presentando licenze aperte, es. depositando in archivi o pubblicando la open peer review condividendo preprints, es. su formati leggibili dalle macchine con la scrittura collaborativa, condividendo protocolli e workflow condividendo note di laboratorio condividendo software, es. su Data pre-registrando esperimenti, commentando pagine web, e usando bibliografie condivise condividendo progetti di ricerca

PUBBLICARE IN OPEN ACCESS

PRE-PRINT

POST-PRINT

OPEN PEER-REVIEW

CONDIVIDERE I DATI DELLA RICERCA

PRE-REGISTRAZIONE

PUBBLICARE DATI NEGATIVI

SOFTWARE E CODICE OPEN SOURCE

Bianca Kramer & Jeroen Bosman <https://doi.org/10.5281/zenodo.114702> Traduzione: Elena Giglio <https://doi.org/10.5281/zenodo.1195648>

# Per restare connessi

23/5 h. 16

**Title:** *FAIR Digital Objects: improving data and services interoperability*

**Abstract:** *The FAIR principles define a number of expected behaviours for the data and services ecosystem to improve the findability, accessibility, interoperability, and reusability of digital objects. A key aspiration of the principles is that they would lead to a scenario where autonomous computational agents are capable of performing a “self-guided exploration of the global data ecosystem,” and act properly with the encountered variety of types, formats, access mechanisms and protocols. The lack of consistent support for some of these expected behaviours by current information infrastructures such as the Internet and the World Wide Web motivated the emergence, in the last years, of initiatives such as the FAIR Digital Object (FDO) movement. The FDO aims to define an infrastructure where digital objects can be exposed and explored according to the FAIR principles. In this webinar, we will discuss the motivations and characteristics of FAIR Digital Objects and introduce the FAIR Digital Object Framework.*

**Bio:** *Luiz Bonino is an Associate Professor in the Semantics, Cybersecurity and Services group of the University of Twente, and in the BioSemantics group of the Leiden University Medical Center. For the last 10 years, his research focus has been in the design and development of technologies, workflows and guidelines to support the realisation of the FAIR principles, including the FAIR Digital Object Framework, the FAIR Data Point and the FAIR Data Train.*

**Link:** <https://blue.meet.garr.it/b/emm-flq-siw-f9j>

[data-stewards@lists.icdi.it](mailto:data-stewards@lists.icdi.it)

[data\\_science\\_training@lists.codata.org](mailto:data_science_training@lists.codata.org)

[oa-italia@openarchives.it](mailto:oa-italia@openarchives.it)

# [born Open]



Openlifescience

OLS program ▾ OLS-7

## The OLS-7 program

**Purpose:** Training for early stage researchers and young leaders interested in furthering their Open Science skills

**Outcome:** Ambassadors for Open Science practice, training and education across multiple European and international bic

**Process:** A 16-week mentoring & training program, based on the [Mozilla Open Leader program](#), helping participants in using three principles:

1. **Sharing** essential knowledge required to create, lead, and sustain an Open Science project.
2. **Connecting** members across different communities, backgrounds, and identities to share their expertise.
3. **Empowering** them to become effective Open Science ambassadors in their comm

- Design
  - Illustrate the need for a project, its vision, and its goals
  - Embrace and communicate the benefits of Open Science and how to strategically apply
  - Identify the public resources to share their data
  - Identify the different type of Open Access and associated journals
- Build
  - Start any project with openness in mind from day one
  - Setup a project repository on GitHub using best practices for enabling collaboration
  - Choose and apply open licenses appropriately
- Empower
  - Create and enforce a safe working environment
  - Promote the values of Open Science to empower others to lead and collaborate
  - Include a broad range of contributors in their work
  - Communicate their work and vision in a 2min demo of elevator pitch
- Lead an open project in science

IL WORKFLOW  
 DI RICERCA DEVE ESSERE **OPEN BY DESIGN**  
 [SE CI PENSATE SOLO ALLA FINE, AVETE OPZIONI LIMITATE]

	Understanding	Sharing	Participation & Inclusion
Design for...	<ul style="list-style-type: none"> <li>• Content focus</li> <li>• Community interactions                             <ul style="list-style-type: none"> <li>◦ Learning through use</li> </ul> </li> <li>• Storytelling</li> </ul>	<ul style="list-style-type: none"> <li>• Information-sharing focus</li> <li>• Community interactions                             <ul style="list-style-type: none"> <li>◦ Gifting</li> <li>◦ Enhancing value exchange</li> <li>◦ Networking common interests</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Governance focus</li> <li>• Community interactions                             <ul style="list-style-type: none"> <li>◦ Creating together</li> <li>◦ Soliciting ideas</li> </ul> </li> <li>• Project identity</li> </ul>
Build for...	<ul style="list-style-type: none"> <li>• Communication</li> <li>• Design</li> <li>• Facilitation</li> <li>• Maintenance</li> <li>• Project management</li> </ul>	<ul style="list-style-type: none"> <li>• Commons-based production</li> <li>• Data stewardship</li> <li>• Documentation</li> <li>• Licensing</li> <li>• Networking</li> </ul>	<ul style="list-style-type: none"> <li>• Decision-making</li> <li>• Delegation</li> <li>• Event planning</li> <li>• Community Management</li> <li>• Mentoring</li> </ul>
Empower for...	<ul style="list-style-type: none"> <li>• Maintains clarity of vision &amp; purpose</li> <li>• Maintain authenticity &amp; integrity</li> <li>• Stays curious</li> </ul>	<ul style="list-style-type: none"> <li>• Makes connections</li> <li>• Resilience</li> <li>• Self-care</li> </ul>	<ul style="list-style-type: none"> <li>• Embraces failure</li> <li>• Ensures safety</li> <li>• Inspires contribution</li> </ul>

Mozilla open leadership framework



# The Turing Way

Search this book...

## Welcome

Guide for Reproducible Research

Guide for Project Design

Guide for Communication

Guide for Collaboration

Guide for Ethical Research

Community Handbook

## Afterword

Welcome

Guide for Reproducible Research

Guide for Project Design

Guide for Communication

Guide for Collaboration

Guide for Ethical Research

Introduction to Research Ethics

Research Ethics Committees

Workflows

Ethical Decisions in Preclinical Research

Law, Policy and Human Rights in Ethics

Research Ethics for Social Data

Activism for Researchers

Internal Policy Advocacy

Self-Reflection

Ethical Considerations for Open Source Governance Models

Community Handbook

Afterword

## The Turing Way

Search this book...

Welcome

Guide for Reproducible Research

Guide for Project Design

Overview of Project Design

Creating Project Repositories

Personas and Pathways

File Naming Convention

Code Styling and Linting

Sensitive Data Projects

Managing Sensitive Data Projects

Working on Sensitive Data Projects

Guide for Communication

Guide for Collaboration

Guide for Ethical Research

Community Handbook

Afterword

## Guide for Ethical Research

*This guide covers topics related to ethical aspects in data science.*

Data scientists make data-driven decisions that require the collection of data a approaches that can have serious implications for health, security, politics, soci associated with them. Researchers or any kind of stakeholders in data science t consider the ethical standards and their impact of people's lives [Mar18].



## Guide for Project Design

*This guide covers topics related to effective project planning and management.*

In this guide, we compile best practices and guidance for designing research projects by including different aspects of project management and (iterative) development practices derived from academia and industry.

Before starting a project, researchers must define the project's scope. Researchers should start by identifying the main questions they aim to address through their work. Scope definition also includes defining the project goals, possible outcomes, resources requirements, people involved (collaborators, users and target audience) and possible constraints.

Researchers can then proceed to identify the expected minimum viable product of their project, synergies with other projects (similarities as well as differences), measure(s) of success, and the overall impact they hope to achieve. After these crucial questions are addressed, planning can focus on the operational

## Guide for Collaboration

Getting Started With GitHub

Maintainers and Reviewers on GitHub

Organising Meetings

Organising Online Coworking Calls

Organising Conferences

Chairing Events

Participating in Events

Informal Coffee Chats

Tools for Facilitating Collaboration

Managing a New Community and Team

Leadership in Data Science

Research Infrastructure Roles

Remote Collaboration

Shared Ownership in Open Source Projects

Sustainability of Open Source Projects

## The Turing way

Data science is defined by its interdisciplinarity. Our work can only reach its highest potential through diverse teams of people involved in designing and delivering the research or product.



Fig. 97 There is more to collaboration than we see. *The Turing Way* project illustration by [author]. Used under a CC-BY 4.0 licence. DOI: 10.5281/zenodo.3332807.

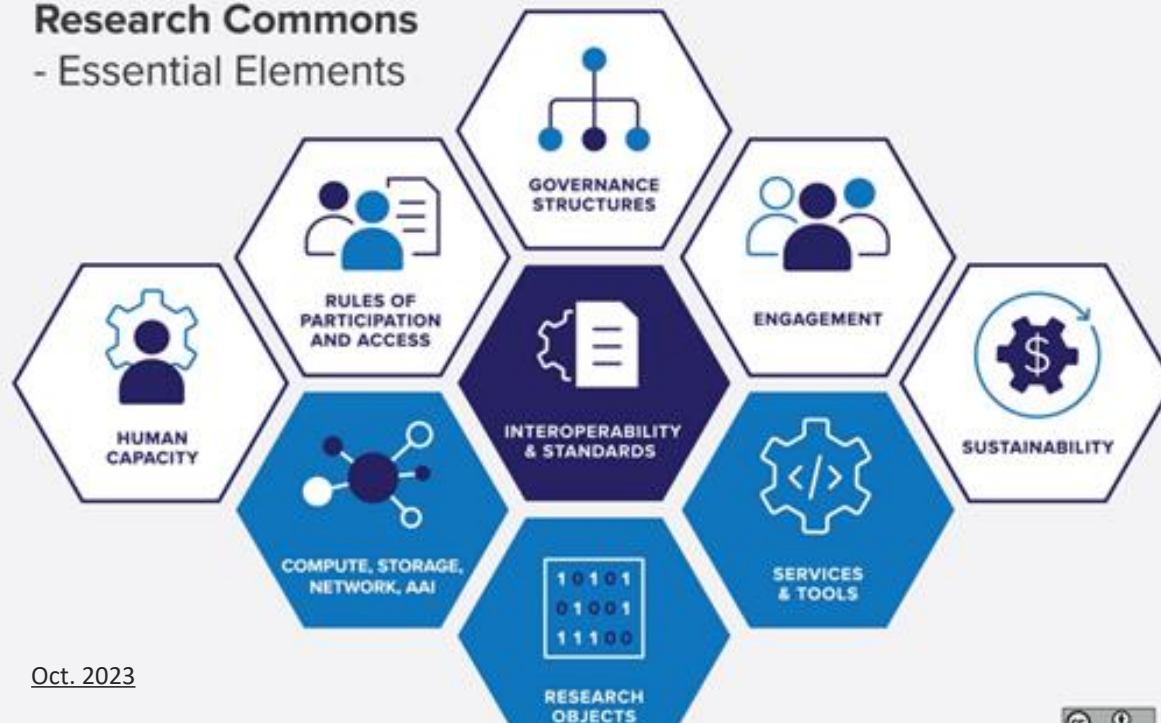
There are many different skills required to work well in groups with a wide range of expertise. In this guide, we welcome contributions in developing guidance on following (but not limited to) the



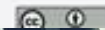
# Un altro mondo è possibile?

## RESEARCH AS A COMMONS

### Global Open Research Commons - Essential Elements



Oct. 2023



# ... un modo nuovo di fare ricerca...

## Box 1. Some Research Practices that May Help Increase the Proportion of True Research Findings

- › Large-scale collaborative research
- › Adoption of replication culture
- › Registration (of studies, protocols, analysis codes, datasets, raw data, and results)
- › Sharing (of data, protocols, materials, software, and other tools)
- › Reproducibility practices
- › Containment of conflicted sponsors and authors
- › More appropriate statistical methods
- › Standardization of definitions and analyses
- › More stringent thresholds for claiming discoveries or “successes”
- › Improvement of study design standards
- › Improvements in peer review, reporting, and dissemination of research
- › Better training of scientific workforce in methods and statistical literacy

**PLOS** | MEDICINE Browse

OPEN ACCESS

ESSAY

### How to Make More Published Research True

John P. A. Ioannidis

Published: October 21, 2014 • <https://doi.org/10.1371/journal.pmed.1001747>



2017

# ... essendo responsabili...

## 1. Principles

Good research practices are based on fundamental principles of research integrity. They guide individuals, institutions, and organisations in their work as well as in their engagement with the practical, ethical, and intellectual challenges inherent in research.

These principles include:

- **Reliability** in ensuring the quality of research, reflected in the design, methodology, analysis, and use of resources.
- **Honesty** in developing, undertaking, reviewing, reporting, and communicating research in a transparent, fair, full, and unbiased way.
- **Respect** for colleagues, research participants, research subjects, society, ecosystems, cultural heritage, and the environment.
- **Accountability** for the research from idea to publication, for its management and organisation, for training, supervision, and mentoring, and for its wider societal impacts.

## 2. Good Research Practices

This section describes good research practices in the following contexts:

- Research Environment
- Training, Supervision, and Mentoring
- Research Procedures
- Safeguards
- Data Practices and Management
- Collaborative Working
- Publication, Dissemination, and Authorship
- Reviewing and Assessment

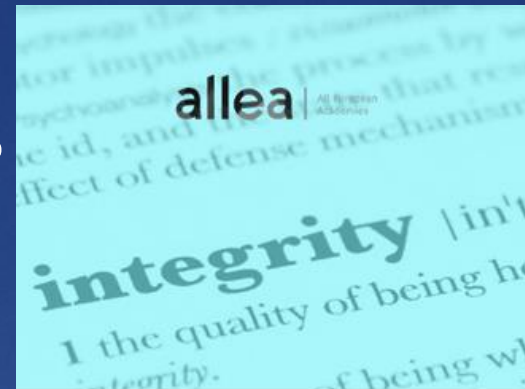
### 2.1 Research Environment

- Research institutions and organisations promote awareness and resource

- Research institutions and organisations actively support researchers who receive threats and protect bona fide whistleblowers, taking into account that early career and short-term employed researchers may be particularly vulnerable.

### 2.2 Training, Supervision, and Mentoring

- Research institutions and organisations ensure that researchers receive rigorous training in research design, methodology, analysis, dissemination, and communication.



The European  
Code of Conduct for  
Research Integrity  
REVISED EDITION 2023

2023

OPEN SCIENCE FAVORISCE  
- RESPONSIBLE RESEARCH  
- RESEARCH INTEGRITY

OPEN COME  
RESPONSABILITÀ

# [Responsible con

## Open and Responsible Research

*Roles and Responsibilities for Data Stewards*

2021

LOUISE BEZUIDENHOUT

## Responsible Conduct of Research

- Research misconduct (fabrication, falsification, plagiarism) is a familiar topic for most researchers
- Responsible research extends beyond research misconduct to many other areas of responsibility
- Areas of responsibility reflect multiple roles that researchers play in academic environments
- Responsible Conduct of Research (RCR) is a framework that brings together these different areas of responsibility



<https://www.nap.edu/catalog/12192/on-being-a-scientist-a-guide-to-responsible-conduct-in>



# Openness as an Extension of Responsibility

**Open Lab Books:** Transparency in research practices  
**Sharing and openness:** enhance transmission of values

**Open Peer Review:** Transparency in peer review leads to better dialogue and collegial behaviour

**Open Access:** Improves availability of research outputs  
**Open publishing:** leads to improved citations, credit and collaboration



**Open Data and Open Methodologies:** Improve transparency and reproducibility of research

**Open Science Tools:** Improve collaboration

## Recommendations (summary)

1. Communicate about Open Science and Research Integrity in a positive way, as two fundamental and complementary pathways towards excellent science and greater social impact of research. Indeed Open Science and Research Integrity both ultimately relate to the need to foster responsibility and trust in research and innovation.
2. Commit to reforming the research assessment system to provide the right recognition, incentives and rewards for methodological rigour, for enabling the wider uptake of open science practices, and to move at the same time towards a system that supports integrity and that rewards the plural characteristics of highquality research.
3. Journals and publishing platforms should be transparent about their editorial processes, including peer reviewing, and promote reproducibility of research through support of FAIR data and, whenever possible, by facilitating open access to data, codes and methodologies.
4. Make sure that researchers (at every stage of their career), as well as other involved stakeholders (like university lawyers or funders), receive adequate training on research integrity and Open Science.

# + Open Science]

OPEN SCIENCE + RESEARCH  
INTEGRITY SONO  
COMPLEMENTARI  
KEYWORD: TRASPARENZA

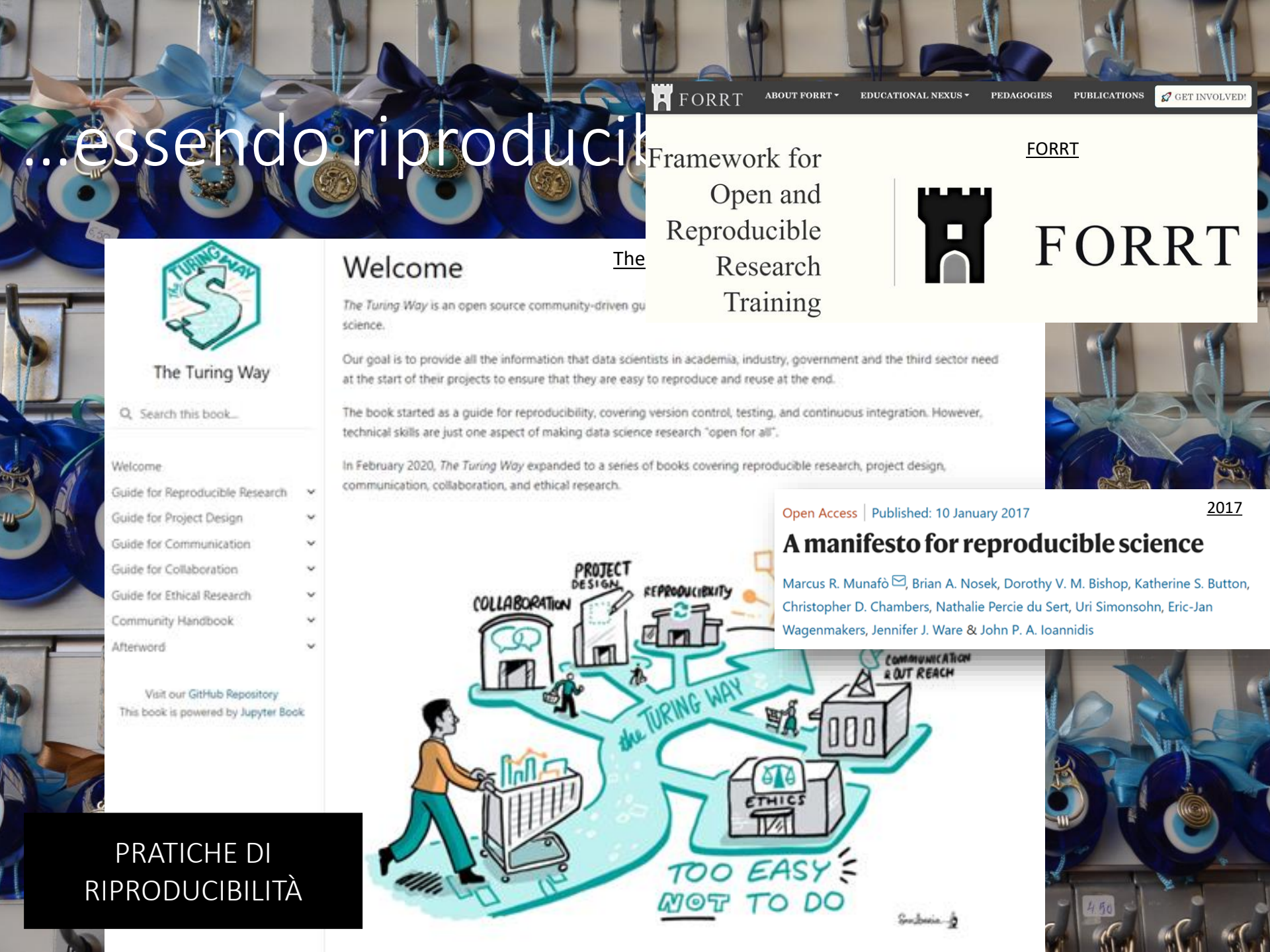
9. Promote cooperation between Open Science and Research Integrity offices at a national and institutional levels. This is essential to develop training and materials that contribute to supporting researchers in practicing open science and ensure that high standards of research integrity are complied with. It would also help ensuring that fast pace developments in the area of Open Science are taken into account and appropriately reflected in codes of conduct for Research Integrity.
10. Publicize information and enhance visibility about main Open Science and Research Integrity policies/documents/guidelines at a national and institutional level, notably through websites that could be considered as general knowledge hubs in this regard.

Library Element Report

SWG OSI Guideline Report on Research Integrity and Open Science

2021

Uploaded by RRI Tools on January 26, 2022



...essendo riproducibile

Framework for Open and Reproducible Research Training



FORRT



The Turing Way

Search this book...

Welcome

- Guide for Reproducible Research
- Guide for Project Design
- Guide for Communication
- Guide for Collaboration
- Guide for Ethical Research
- Community Handbook
- Afterword

Visit our GitHub Repository  
This book is powered by Jupyter Book

## Welcome

The

The Turing Way is an open source community-driven guide to data science.

Our goal is to provide all the information that data scientists in academia, industry, government and the third sector need at the start of their projects to ensure that they are easy to reproduce and reuse at the end.

The book started as a guide for reproducibility, covering version control, testing, and continuous integration. However, technical skills are just one aspect of making data science research "open for all".

In February 2020, The Turing Way expanded to a series of books covering reproducible research, project design, communication, collaboration, and ethical research.

Open Access | Published: 10 January 2017

2017

## A manifesto for reproducible science

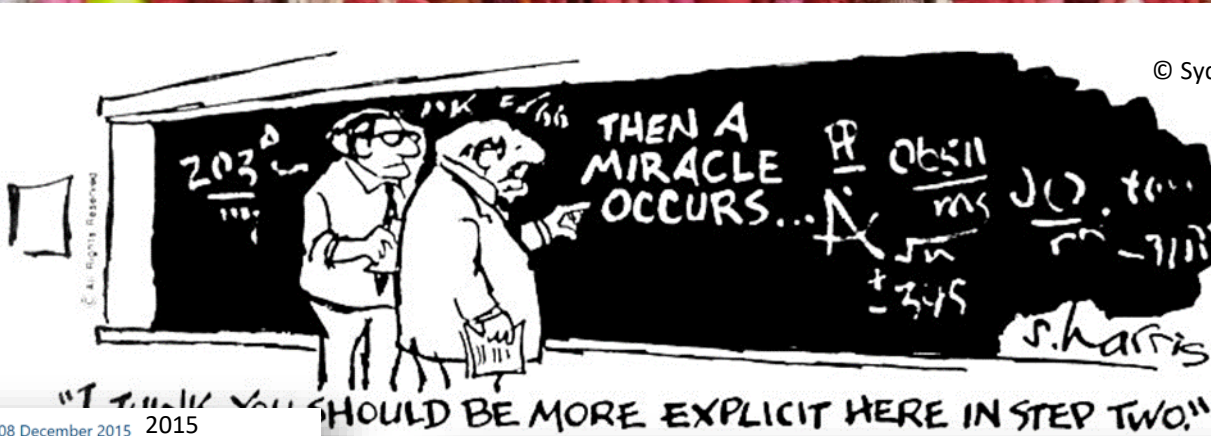
Marcus R. Munafò, Brian A. Nosek, Dorothy V. M. Bishop, Katherine S. Button, Christopher D. Chambers, Nathalie Percie du Sert, Uri Simonsohn, Eric-Jan Wagenmakers, Jennifer J. Ware & John P. A. Ioannidis



PRATICHE DI RIPRODUCIBILITÀ

[selfis

© Sydney Harris 1977



Comment | Open Access | Published: 08 December 2015 | 2015

## Five selfish reasons to work reproducibly

Florian Markowetz

Genome Biology 16, Article number: 274 (2015) | Cite this article

18k Accesses | 38 Citations | 456 Altmetric | Metrics

### Reason number 1: reproducibility helps to avoid disaster

“How bright promise in cancer testing fell apart” titled a *The New York Times* article published in summer 2011 [1] highlighting the work of Keith Baggerly and Kevin Coombes, two biostatisticians at M.D. Anderson Cancer Center. Baggerly and Coombes had exposed lethal data analysis problems in a series of high-impact papers by breast cancer researchers from Duke University [2].

### Reason number 2: reproducibility makes it easier to write papers

Transparency in your analysis makes writing papers much easier. For example, in a dynamic document (Box 1) all results automatically update when the data are confident your numbers, figures and tables are up-to-date. Additionally, they are more engaging, more eyes can look over them and it is much easier to write.

### Reason number 3: reproducibility helps reviewers see it your way

Most of us like to moan about peer review. One of the complaints I hear most often is: the reviewers didn't even read the paper and had no idea what we were really doing.

This starkly contrasts with my experience during the review process of a recent paper [4], for which I had made all data and well-documented code easily accessible to the reviewers. One reviewer requested a slight change to some analyses, and because he had access to the data, he was able to directly try out his ideas on our data and see how the results turned out. He was completely on board, the only thing left to discuss was the best way to present the data. I know how a constructive review should be. And it would have been a much more efficient and reproducible presentation of our analyses.

### Reason number 5: reproducibility helps to build your reputation

For several papers, we have made our data, code and analyses available as an Experiment Package on Bioconductor [5]. When I came up for tenure, I cited all of these packages as research output of my lab. Generally, making your analyses available in this way will help you build your reputation.

### Reason number 4: reproducibility enables continuity of your work

I would be surprised if you hadn't heard the following remarks before, maybe you have even said them yourself: “I am so busy, I can't remember all the details of all my projects” or “I did this analysis 6 months ago. Of course I can't remember all the details after such a long time”

[selfish]

© Sydney Harris 1977



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO."

Comment | [Open Access](#) | [Published: 08 December 2015](#)

2015

## Five selfish reasons to work reproducibly

[Florian Markowetz](#)

[Genome Biology](#) 16, Article number: 274 (2015) | [Cite this article](#)

18k Accesses | 38 Citations | 456 Altmetric | [Metrics](#)

### What's holding you back?

Have I convinced you? Maybe not. Here is a collection of responses I sometimes get to my insistence on reproducible research (as well as my answers to them):

*"It's only the result that matters!"* You are wrong.

*"I'd rather do real science than tidy up my data".* If you don't work reproducibly, you are not doing science at all [7].

SE NON SIETE  
RIPRODUCIBILI,  
NON STATE  
FACENDO  
SCIENZA

 Italian Reproducibility Network



[ITRN](#)

[Home page](#) | [Community](#) | [Scientific Events](#) | [Initiatives](#)

## ITALIAN REPRODUCIBILITY NETWORK

### ITRN 2023 AWARD

The first edition of the ITRN Award went far beyond our wildest expectations. We received 43 submissions, and all of them had very interesting aspects that would have deserved each a special mention and a dedicated space.

During the award ceremony we awarded 3 ITRN Award and 3 Honorable Mentions [see more](#)

### ITRN MAILING LIST

Stay ahead of the game in Open Science

### SEMINARS ON OPEN SCIENCE

Check the Agenda for the Online Seminars on Open Science - 2023 / 24 Edition! - Supported by [AIP](#)

### REPRO COFFEE

See when the next "ReproCoffee" will be held, [more info here](#)

*"I don't want to tidy up my data the way I want!"* Yes, please do! There are [7] and you can pick whatever suits you best.

*"I don't want to do any fancy R or Python or whatever".* The tool you need is manual curation is needed, but as soon as you do data curation, scripting are the way to go. Imagine you have to do a simple task 10 times (10 times, 20 times) and compare doing it by hand to using a simple loop to do it for you. Now imagine having to repeat the data have slightly changed. R and Python are clearly the





FOCUS SU  
PRATICHE OPEN

# Una ricetta semplice / 1

CREATE UNA COMUNITÀ IN ZENODO (O IN OSF) CON IL NOME DEL PROGETTO E POI DEPOSITATE

TUTTO:

- TESTI
- DATI
- SOFTWARE
- PRESENTAZIONI A CONVEGNI
- VIDEO O VIDEO ABSTRACT
- IMMAGINI...



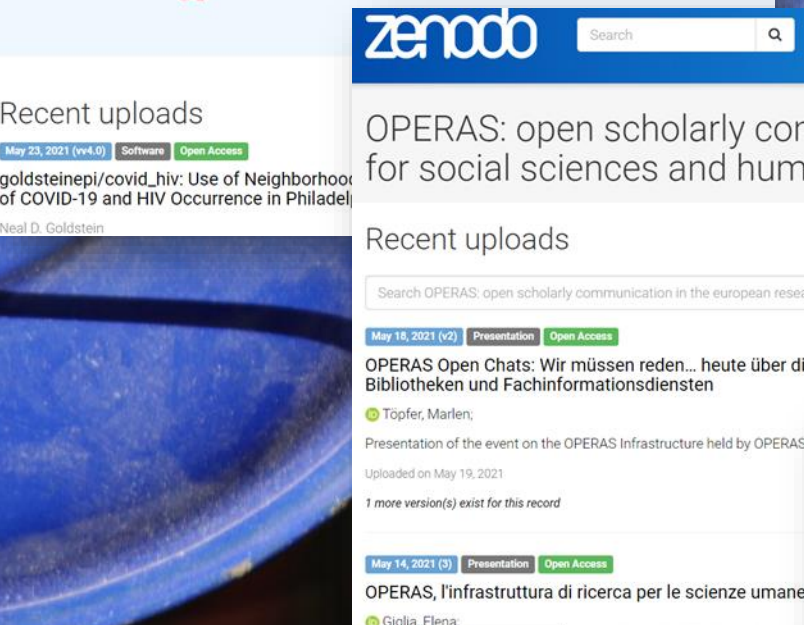
zenodo Search Upload Communities

Featured communities

 **Coronavirus Disease Research Community - COVID-19**

This community collects research outputs that may be relevant to the Coronavirus. Scientists are encouraged to upload their outcome in this collection to facilitate. Although Open Access articles and datasets are...

Curated by: Covid19\_Team\_OpenAIRE



zenodo Search Upload Communities

Recent uploads

May 23, 2021 (v1.0) Software Open Access

goldsteinepi/covid\_hiv: Use of Neighborhoods of COVID-19 and HIV Occurrence in Philadelphia

Neal D. Goldstein

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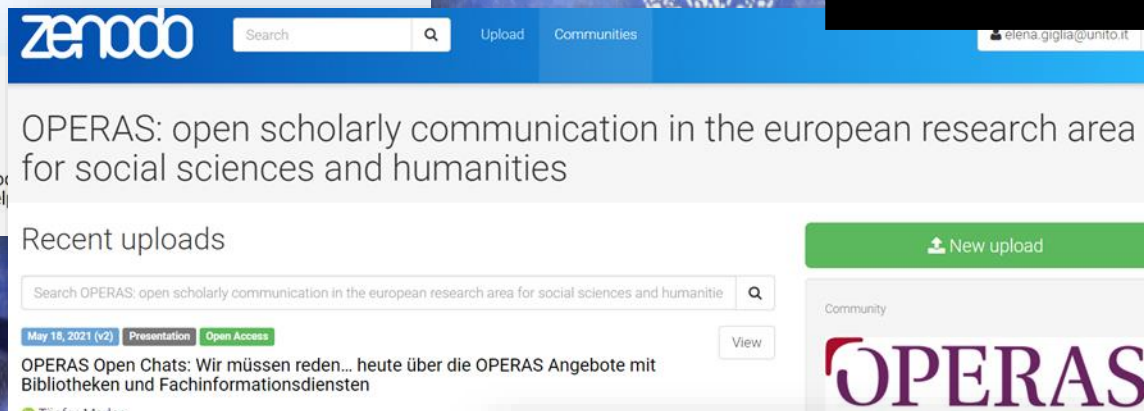
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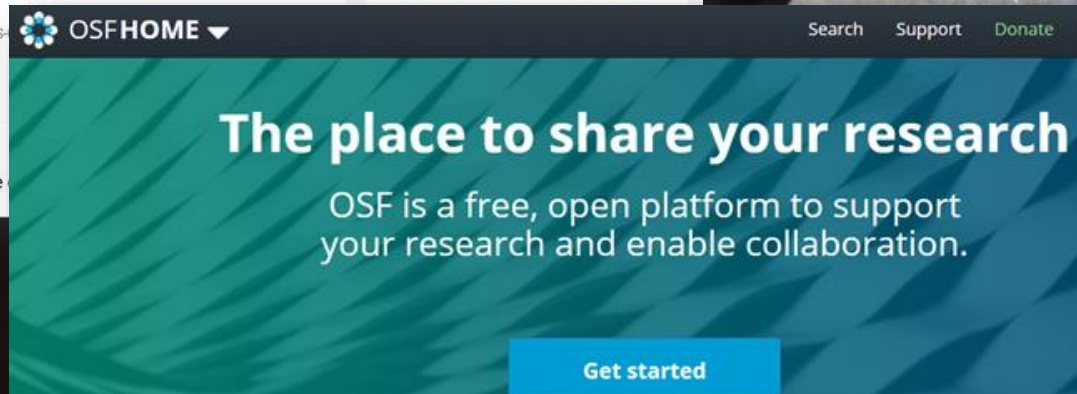
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Get started

# Una ricetta semplice /

USARE GITHUB (NON SOLO PER SOFTWARE!) OTTIMO STRUMENTO PER GESTIRE UN PROGETTO (CHECKLIST PER GESTIONE DEI TASKS, DATI, TESTI, INTERAZIONE, TRACCIA VERSIONI...)

YouTube <sup>BE</sup> Cerca

GitHub for collaboration OLS6

 Open Life Science

**GitHub for Collaboration**

Patricia Herterich

Using slides by Malvika Sharan and Yo Yohudi

References: [Mozilla Science Lab](#)  
[Friendly GitHub Intro by Kirstie](#)  
[Document by Malvika Sharan](#)  
Visual description: <https://learn>


All slides are CC-BY 4.0  
Open Life Science

1:19 / 1:02:17

OLS-6






OLS-6 cohort / Week 5 / GitHub for Collaboratio

YouTube <sup>BE</sup> Cerca

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301 iscritti

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	OLS6 / week 8 / Community design for inclusivity	1:25:00	5 visualizzazioni	7 giorni fa
	Workshop: Accessibility Inclusion for Visual Impairment	1:26:22	44 visualizzazioni	8 giorni fa
	OLS-6 cohort / Week 6 / Project Development and Introduction to Working Open	1:16:01	49 visualizzazioni	3 settimane fa
	OLS-6 cohort / Week 5 / GitHub for Collaboration!	1:02:18	20 visualizzazioni	4 settimane fa

PARTHENOS

About PARTHENOS VRE   Discovery Service   Text Analytics Services   Visual Media Service

Parthenos VRE

 **D4SCIENCE**  
INFRASTRUCTURE

## PARTHENOS | Virtual Research Environment

An online environment that integrates cloud storage with services and tools and support collaborative working throughout the research data lifecycle, promoting sharing, reuse and sustainability within the Humanities.

[Access the VRE](#)

lice / 3

CREATE UN VRE-VIRTUAL RESEARCH ENVIRONMENT (CNR ISTI OFFRE SERVIZI IN QUESTO SENSO)

**D4Science Labs** a series of free-to-use applications to generate new knowledge from data coming from various sources. D4Science Labs provides a series of free-to-use applications for tabular data validation, data enrichment, and efficient analytical tools.



AlienAndInvasiveS...

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# ...iniziando con un po' di co-creation

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- CO-CREATION** (PAGE 5)  
Encouraging co-creation through a funding call
- OPEN SCIENCE** (PAGE 6)  
Aligning an entire country to develop an Open Science action plan
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Thinking differently through dialogue
- PUBLIC ENGAGEMENT** (PAGE 11)  
Using Art as a way to level the playing field when discussing science



## What is Co-creation?

Co-creation has been defined as **"purposeful action of associating with strategic customers, partners or employees to ideate, problem solve, improve performance, or create a new product, service or business"**. In essence, co-creation experiences are a way in which to connect multiple stakeholders, bringing them together to discover their interests and values and using these opportunities to discuss, develop and implement projects or ideas to achieve new, inclusive, forward-thinking research strategies. As a result, co-creation experiences allow high-quality interactions and unique experiences, with those involved becoming connected, informed and empowered.

## Co-creation menu

**Co-creation experiences seek to engage multiple stakeholders at all points of the research lifecycle**, from conception of a novel research project, through funding selection and resourcing, to dissemination of research findings and use of those findings within society, which in turn informs future funding calls. In this way, the hopes, concerns and aspirations of the end users of research, the public, are integrated from the very beginning of the process right through to the end. This concept maps well with the idea of making science truly open, transparent and responsive to societal needs, a new approach of the European Research Area known as Open Science.

Method Type	Method Name(s)	Objective	Audience Size	Audience Type	Event Time	Total Time	Budget (€-€€€€)	
Deliberative	Citizens Hearing	To inform and create discussion among citizens	20-25	Citizens, experts, decision-makers	1D	7M	€€€	Regional Development in Co
	Citizens Summit / Assembly	To find out the citizens' attitudes about political priorities and possible courses of action provided on an informed basis	200-5000	Anyone	1D	Var	€€€€	EU Proj
	Civic Dialogue	To encourage innovation, trust and confidence to facilitate the creation of a legitimate roadmap for moving forward in a particular direction	Var	CSOs, policy-makers, researchers	Var	Var	€€€	High-level dialogue on Intern
	Deep Democracy / The Lewis Method	To access and bring out the wisdom within a group, and particularly to release the creative potential that results from conflict	Var	Anyone	1-2 D	Var	€€	Conversation Across the Socie
	Deliberative Mapping	To provide a more robust, democratic and accountable decision making which better reflects public values	- 60	Citizens, experts	6D	4M-1Y	€€€€	Appraising options for addressa
	Democa Card Game / Play Decide	To enable small groups of people to engage with complex public policy issues	4 to 8	Citizens	1-4 D	Var	€	Public engagement o 'Democa' tool, ESRC G
	Distributed Dialogue	To develop ongoing, embedded discussions around a topic	>5000	Researchers, citizens	2-5 D	>1Y	€€€	Bioenergy Dial
	Expert Panel	To synthesise a variety of inputs on a specialised topic and produce recommendations	- 100	Researchers, citizens, policy makers	1-2 H	6M	€€	Translating Research into Practic
	Interdisciplinary Work Groups	To take professional stock of the situation and partly to propose possible courses of action to ensure, initiate, promote or check development in the area	15-30	CSOs, policy-makers, researchers	2-5 D	8M	€€	Opening up the Hur community, Da
	Multi Criteria Decision Analysis (MCDA)	To rank a set of options from the most preferred to the least preferred option; policy formulation, programme development	Var	CSOs, researchers, citizens	4D	1Y	€€	PorGrow - Poli growing challen
	Planning Calls / Citizens Jury	To develop a set of solutions to a problem delegated to the participants by a commissioning body	25	Citizens	4-5 D	5M	€€€€	Citizens jury on Water M
	Q Methodology	To gain insight into the diversity of perspectives	50-100	CSOs, policy-makers, researchers	3M	6M	€€	Biomass Dialogue, Instit
	Scenario Building Exercise	To plan and prepare for an uncertain future; vision building	Var	Anyone	2-5 D	6M	€-€€€	Research Agenda Scenario f
	World Café & Scenario Café	To provide a means for public debates	Var	Anyone	2-5 D	6M	€-€€€	Research Agenda Scenario f

1. CONSULTATION
2. CO-DESIGN
3. CO CREATION

RESEARCH.

# We make science a collective process

Stickydot is a Brussels based SME that shapes research and innovation through multi-stakeholder engagement and co-creation



## 2. Co-design

A co-design process represents a jump in stakeholder influence on the product/solution, when compared to a stakeholder consultation. This time, the challenge to be addressed is not already pre-defined, which allows stakeholders to collaboratively determine what this challenge is according to their concerns and priorities, using only a general theme as a starting point. This starting point could be something as general as 'how can we improve mobility in our city?', or 'how can we make our business more sustainable?'. Similarly to stakeholder consultations, co-design creates a space for the ideas of different stakeholders to come out into the open, bringing light to the problems they face in their own



## 1. Stakeholder Consultation



A consultation refers to the practice of inviting relevant stakeholders to share their views on a certain predefined topic or challenge. This process does not intend to directly generate solutions for the issue, but it serves as a way to collect the feedback, concerns, and priorities of those who would end up being affected by the subject, possibly resulting in a redirection of the design process, or to adjustments in a research agenda.

This process allows you to hear from different perspectives before kicking off a project, designing a product, or implementing a policy. This ensures that you hit the ground running and that the outcomes of your work are

## 3. Co-creation



Co-creation is the process in which the stakeholders go farther down in the development process. In a way, it takes the idea of co-design one step further, allowing participants to take matters into their own hands. Together, they will collaboratively build, implement, and assess the solution for a challenge, which often comes in the form of a new innovation, service, or policy, or at least an improvement of existing ones.

In many cases, co-creation kicks off with a concrete, pre-defined challenge to be worked on or it builds on the results of a previous co-design process. It usually begins with stakeholder mapping, leading to the recruitment of the 'co-creators'. Early-stage meetings and workshops provide a great opportunity for sharing different points

# ...con un po' di citizen science

2023

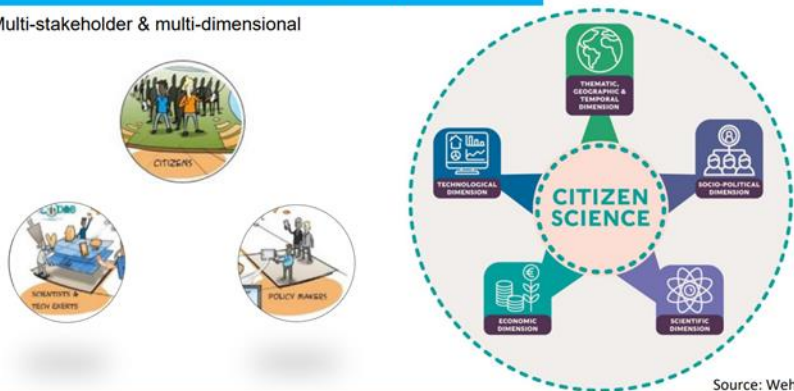


CITIZEN SCIENCE NON È SOLO RACCOLTA DATI, È UN PROCESSO

## Citizen Science & Open Science Community of Practice

### Citizen Science is about process

Multi-stakeholder & multi-dimensional



Source: Wehn (2022)

**"Citizen Science is NOT only about data collection - means for open, holistic and participatory processes of knowledge generation"**  
**"Citizen Science can be understood as providing meaning to Open Science in a process dimension"**



## CITIZEN SCIENCE IN THE (DIGITAL) ARTS AND HUMANITIES

### Citizen science and the Humanities

This module will look at the variety of practices within 'citizen science', how you as a humanist might get started working with them, what issues you might be wary of along the way and how Research Infrastructures can potentially help you.

A screenshot of the eu-citizen.science website. The header includes navigation links: Search, Blog, Events, Moocs, Forum, FAQ, About. The main content area features a welcome message: "Welcome to the platform for sharing citizen science projects, resources, tools, training and much more". Below this is a navigation bar with icons for Projects, Resources, Training, Organisations, Platforms, and Users. A search bar is visible. The footer shows a colorful illustration of diverse people.

# I principi

- COINVOLGIMENTO ATTIVO E SIGNIFICATIVO
- CREAZIONE DI NUOVA CONOSCENZA



European  
Citizen Science  
Association

ECSA 10 principles

## Ten principles of citizen science

Citizen science is a flexible concept which can be adapted and applied within diverse situations and disciplines. The statements below were developed by the *'Sharing best practice and building capacity'* working group of the **European Citizen Science Association**, led by the Natural History Museum London with input from many members of the Association, to set out some of the key principles which as a community we believe underlie good practice in citizen science.

1. **Citizen science projects actively involve citizens in scientific endeavour that generates new knowledge or understanding. Citizens may act as contributors, collaborators, or as project leader and have a meaningful role in the project.**



# ...con un po' di citizen science / 2



<p>15 MAGGIO 2021 BIOBLITZ "A TUTTI I COSTI" Biodiversità / On-Line</p>	<p>DA MUSEO A MUSEO Altri / Biodiversità</p>	<p>GATTO SELVATICO ITALIA Biodiversità / On-Line</p>	<p>LIFE ESC360 Biodiversità</p>	<p>NATURA DALLA FINESTRA Biodiversità</p>
<p>ORNITHO #VISTIDACASA Biodiversità</p>	<p>PROGETTO CLIC! CHIOCCIOLE LUMACHE IN CITTÀ</p>	<p>RACCOLTE DEL MUSEO DI STORIA NATURALE DI FERRARA</p>	<p>SCHOOL OF ANTS: A SCUOLA CON LE FORMICHE</p>	<p>UCCELLI DI CITTÀ Biodiversità</p>

## Nasce l'Associazione Nazionale Citizen Science ITALIA ETS feb. 2023

Si costituisce il 17 febbraio 2023 a Roma l'Associazione Citizen Science Italia ETS, che avrà sede a Grosseto presso il Museo di Storia Naturale della Maremma.



Si costituisce oggi (17 febbraio 2023) a Roma, presso l'orto botanico, l'Associazione Citizen Science Italia ETS, che avrà sede a Grosseto presso il Museo di Storia Naturale della Maremma.



## Meaningful participation of citizens in research: a strategy

# VERA, spazio di co-creazione



CO-CREATION IN DIALOGO CON LA SOCIETÀ

SPAZIO DI CO-CREAZIONE, SCOPERTA DI POTENZIALI PARTNERS...



MULTILINGUE

- EN
- English
- Italian
- French
- German
- Portuguese
- Polish
- Croatian

The COESO project (Collaborative Engagement on Societal participatory research project, funded by the European Commission and supported by the OPERAS research infrastructure. It involves communities: the social sciences and humanities communication community. It will thus contribute to the development of citizen science in the social sciences and research through a service-first approach. The project will

A space for co-creation that provides a set of tools to discover potential, define and co-design the activities, to co-create new knowledge and deliver them to society.

VERA is an online collaboration platform where a diverse set of actors can build social science and humanities together. It's a virtual gathering place for professionals and practitioners of all kinds and researchers. It is where ideas can be dreamed and built, where collaborations can take place, and where links to funding can be found.

### Latest opportunities from Fundit

Powered by Fundit.fr

Don't see the funding opportunity you're looking for?



## Enabling collaborative research with and for society

VERA empowers participatory research in Social Sciences and Humanities by making it easy to create a diverse team, find funding, work together and share with the world

## Projects

Find your next collaboration on VERA. Join a project or create your own.

## VERA People

Explore the VERA community to connect with other passionate people like you



# Connect Collaborate Create

2023 <https://ccc.sciencesconf.org/>  
INTERNATIONAL CONFERENCE



19 OCT  
20 TO  
21 BER

PARIS  
Aubervilliers  
Campus Condorcet

Bridging communities to foster  
participatory research  
and citizen science

COESO **proEthics**

CONVEGNO A PARIGI SU  
CO-CREATION,  
COLLABORATION

## Blogposts about the CCC conference:

*Voices of the CCC conference* is a blogseries featured on the COESO blog and written by participants, keynote speakers and workshop collaborators from their unique perspective about the conference. Already published:

- [Shaping participatory futures: what can funders do to facilitate meaningful participation in and with science & innovation?](#) by *Frederike Schmitz*, Dec 14 2023 (featured on the *OPERAS Blog*)
- [The future is now: Citizen participation in R&I](#) by *Nyangala Zolho*, Nov 27 2023 (featured on the *PRO-Ethics Blog*)
- [Promoting citizen science and fostering ethical participatory approaches to research funding by Marina Angelaki](#), Nov 24 2023
- [Reflections on the 'Connect. Collaborate. Create.' Conference from Science Europe](#) by *James Morris and Claire Salinas from Science Europe*, Nov 24 2023
- [Infrastructureing Participatory Research in the Social Sciences and Humanities: Bridge or Breach? – Katja Mayer Interview with Katja Mayer](#), Nov 22 2023
- [Philosophizing Participatory Research- some questions raised at the COESO Conference 2023](#) by *Lucia Ziglioli*, Nov 20 2023
- [Supporting Participatory Research in the SSH – a valuable piece of the puzzle](#) by *Nel Coleman*, Nov 20 2023
- [What makes a successful innovation?](#) by *Magdalena Wnuk*, Nov 8 2023 (featured on the *OPERAS Blog*)

## MAIN MENU

- Home
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- Photo Gallery (@Emilia Da Silva Rosario - Ereb Studio)
- Registration Closed
- Conference Schedule ▾
  - Schedule Overview
  - Keynote Speakers
  - Plenary Panels
  - Parallel Sessions
  - Poster Session
- Practical information
- Organization committee
- Participant Involvement ▾

## CONFERENCE HIGHLIGHTS



International conference: Connect Collaborate.Cr...  
Condividi

Connect.  
Collaborate.  
Create.

Guarda su  YouTube

Watch the [Connect.Collaborate.Create. conference video](#) (2min 30 sec) - a quick impression of the conference highlights: 170 participants, 3 keynotes, 27 breakout sessions, 2 plenary panels, 16 posters, and networking activities. Get links to the full recordings of the keynote speeches and plenary panels [here](#). The full conference proceedings will be published soon. [Video produced by François Delattre, Ereb Studio]

# ...aprendo l'intero ciclo



Open Research Leeds  
@OpenResLeeds

.@MarcusMunafa on preregistration vs established (post hoc) peer review:

"If we are going to fly an aeroplane, we do our pre-flight checks before we take off, not when we are about to land" #ukrnLeeds #OpenResearch



Dec. 14 2021

## CONTENT

Why preregister studies?

How to preregister your study

Where to preregister?

Deviating from preregistered plans

References

## Preregistration Preregistration da PHDontrack



Preregistration involves specifying your hypotheses, study design and data analyses before writing up your final report. Sometimes, preregistration takes place before any data are collected, while in other cases (when using pre-existing data), it takes place before the data are analysed. Preregistration is typically done in a time-stamped, non-editable file, which is then deposited in a secure online archive. While not yet equally relevant in all disciplines or to all types of study, the practice of preregistration is currently expanding.



The open registries network

Search registrations...

<https://osf.io/registries/>

Search

256,423 searchable registrations as of May 13, 2018

CREATE



Create a new AsPredicted pre-registration

AsPredicted (e.g. approve, make public)

Your email address (used in AsPredicted)

SEE OWN

## PREREGISTRATION

OSF Registries o AsPredicted

- PRIORITÀ

- DIFFICILE FALSIFICARE I DATI

- RISULTATI NEGATIVI

### How does it work?

- One author briefly answers 9 questions.
- All participating authors receive an email asking for approval.
- If everyone approves, it is saved and stays private until an author acts to make it public, or it remains private forever. (Why?)
- Authors may share anonymous .pdf with reviewers.
- If made public, a single-page .pdf is generated. That document can be used as a supplement. (See sample)
- The .pdf contains a unique URL that allows for one-click verification. That URL can be included in the paper.
- The .pdf is automatically stored in the web-archive. (See sample)
- There are no accounts, userids, or passwords.

### What if things don't go "as predicted"

You can just say so in the paper:

- "Contrary to expectations, we found that..."
- "Unexpectedly, we also found that..."
- "In addition to the analyses we pre-registered we also ran..."
- "We encountered an unexpected situation, and followed our Standard Operating Procedure" (.pdf)

...[anche nelle Humanities]

The image shows a screenshot of the Humanities Commons website. At the top left, there is a navigation menu with icons and labels: News Feed, Members, Groups, Sites, CORE Repository, Help & Support, HC Organizations, About, Roadmap, and Team Blog. To the right of this menu is the logo 'HUMANITIES COMMONS' and a search bar. Below the navigation menu, the URL 'https://hcommons.org/' is displayed. The main content area features a large banner for 'Open Access Books Network' with a 'Public Group' containing 234 members. Below the banner, there are tabs for 'Activity', 'Discussion', 'Events', 'Site', 'From CORE', 'Docs', 'Files', and 'Members'. The central part of the page has the 'HUMANITIES COMMONS' logo and a welcome message: 'Welcome to *Humanities Commons*, the network for people working in the humanities. Discover the latest **open-access scholarship and teaching materials**, make **interdisciplinary connections**, build a **WordPress Web site**, and increase the impact of your work by **sharing it in the repository**.' To the right of the welcome message is a sidebar titled 'What would you like to do?' with several green buttons: 'Update your profile', 'Join a group', 'Create a site', 'Share & preserve your work', 'Discover OA scholarship', 'See what's new', and 'Get help'. At the bottom, there is a section titled 'Commons Highlights' with two small images of people.

# ... essendo consapevoli dei diritti

IL DIRITTO È  
DELL'AUTORE. NON  
CEDETELO!!!



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Making full & immediate  
Open Access a reality

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**Resources**

Go back

## Rights Retention Strategy

Open Access benefits everyone. Retain your rights.  
It's good for you, for science, and for society

The author's rights quiz: How well do you know your rights as an author?



**The Author's Rights Quiz**  
How well do you know your rights as an author?

Let's find out! press Enter



The peer-reviewed Author Accepted Manuscript (AAM) is your intellectual creation, your valuable asset. Don't give it away.

**Publish with Power.  
Protect your Rights.**



#RetainYourRights

...mantenendo i «diritti»



KEEP  
CALM

AND

NON CEDETE  
I VOSTRI DIRITTI

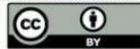


ALCUNI DIRITTI RISERVATI

Majesty The Queen



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...«trovando» in modo diverso

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TOOL MULTILINGUE PER  
LE SCIENZE UMANE

-  English
-  Italian
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-  Polish
-  Portuguese

 GoTriple

<https://www.gotriple.eu/>

## Search Resources and Users in Social Sciences and Humanities

 Search publications, data, projects and authors

Search

SEARCH TIPS : [femicide](#) [science ouverte](#) ["open access"](#) [\(fair OR "open access"\) AND publishing](#)

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E ANNOTAZIONI

# ...con nuove strategie per pubblicare

## my/our strategy:

My/my team's publishing goal is to establish priority on findings. That is why we intend to publish as early as possible in our workflow. We aim to use these platforms and venues to communicate and share our research.

This sheet can be used for discussing current ways of working and for discussing strategies, in groups as well as individual settings. Relevant options can vary for different projects or different strategy options chosen in the various columns make sense and do not contradict, although you can have multiple goals and parallel ways of working. You can try the tool here for full interactive functionality, first download your own copy of the worksheet. Then start by ticking a goal, which will often trigger some suggestions in the other columns that you can make. Making selections your narrative will be built. The tool leads to general background information, useful to information in the Utrecht University context (when reusing outside Utrecht you can adapt to your own local context). Note this tool should not be a straitjacket but rather facilitate discussion. Copy-paste and manually edit the narrative generated here. Read more on the [ABOUT](#) page.



Jeroen Bosman  
@jeroenbosman

Feb.13 2022 ...

Our new experimental tool helps rethink publishing strategies in an open science context. Based on your goals you can select what, when, how and where to publish. With suggestions & background links and an automatically generated


### Publication strategy: A reconsidered & coherent set of choices regarding the why, what, when, how and where of sharing/publishing research. What are your or your team's priorities for the next project coming up? What role for open science practices in your publishing?

[WHY]	[WHAT]	[WHEN]	[HOW]	[WHERE]
<b>As my/my team's publishing goal is to ...</b> <input checked="" type="checkbox"/> establish priority on findings <input type="checkbox"/> invite comments, feedback & scrutiny <input type="checkbox"/> archive evidence <input type="checkbox"/> promote my (team's) visibility <input type="checkbox"/> create material to use in education <input type="checkbox"/> communicate with societal stakeholders <input type="checkbox"/> meet formal funder requirements <input type="checkbox"/> foster careers of ECRs and temporary staff <input type="checkbox"/> get new funding <input type="checkbox"/> have work formally peer reviewed <input type="checkbox"/> provide information researchers can build on <input type="checkbox"/> provide information practitioners etc. can build on <input type="checkbox"/> make scholarly communication more equitable <input type="checkbox"/> make it easy for others to use the work <input type="checkbox"/> help improve reproducibility of science <input type="checkbox"/> contribute to knowledge curation <input type="checkbox"/> reach the largest possible audience <input type="checkbox"/> make it easy for others to assess the work	<b>... we intend to publish these ...</b> <input type="checkbox"/> research applications/proposals <input type="checkbox"/> preregistrations <input type="checkbox"/> registered reports <input checked="" type="checkbox"/> data <input type="checkbox"/> data papers <input type="checkbox"/> code & software <input type="checkbox"/> workflows and methods <input type="checkbox"/> presentation slides <input type="checkbox"/> conference posters <input checked="" type="checkbox"/> articles/books reporting research results <input type="checkbox"/> negative/null results <input checked="" type="checkbox"/> replication studies <input type="checkbox"/> review articles <input type="checkbox"/> systematic reviews <input type="checkbox"/> meta-analyses <input type="checkbox"/> popularising books <input type="checkbox"/> blogs etc. on project progress <input type="checkbox"/> blogs etc. aimed at discussion <input type="checkbox"/> opinion pieces (e.g. in newspapers)	<b>... at these moments ...</b> <input type="checkbox"/> upon creation (open drafting) <input checked="" type="checkbox"/> as early as possible in our workflow <input type="checkbox"/> also before review (e.g. as preprint) <input type="checkbox"/> after formal peer review	<b>... while trying to ...</b> <input type="checkbox"/> use double blind peer review <input type="checkbox"/> use single blind peer review <input type="checkbox"/> use open peer review (identifiers) <input type="checkbox"/> allow open peer review reports <input checked="" type="checkbox"/> discuss author order with all authors <input type="checkbox"/> indicate contributor roles (CREDIT) <input type="checkbox"/> credit all contributors to the research <input checked="" type="checkbox"/> add a plain language abstract <input type="checkbox"/> add a data availability statement <input type="checkbox"/> cite OA (versions of) literature <input type="checkbox"/> add multilingual abstracts <input type="checkbox"/> contribute to closed peer review <input type="checkbox"/> contribute to open peer review <input type="checkbox"/> contribute to open commenting <input type="checkbox"/> improve versions using public comments <input type="checkbox"/> add a visual abstract <input type="checkbox"/> provide formal data/software citations <input checked="" type="checkbox"/> provide researcher identifiers (ORCIDi) <input checked="" type="checkbox"/> attach a CC-BY or CC0 license	<b>... using these platforms/venues:</b> <input type="checkbox"/> fully open access journals <input checked="" type="checkbox"/> fully open access journals without APCs <input type="checkbox"/> open access books <input type="checkbox"/> institutional repositories <input type="checkbox"/> subject repositories <input type="checkbox"/> general repositories like Zenodo <input checked="" type="checkbox"/> our own project website <input type="checkbox"/> journals with a high impact factor <input type="checkbox"/> journals reaching the intended audience <input type="checkbox"/> learned society journals <input type="checkbox"/> journals of prestigious publishers <input type="checkbox"/> highly selective journals <input type="checkbox"/> journals only checking methodological rigour <input type="checkbox"/> journals with statistical review expertise <input type="checkbox"/> journals with the largest readership <input type="checkbox"/> specialised topical journals <input type="checkbox"/> broad multidisciplinary journals <input type="checkbox"/> journals explicitly aimed at interdisciplinarity <input type="checkbox"/> data archives

As my/my team's publishing goal is to ...	... we intend to publish these ...	... at these moments ...
<input checked="" type="checkbox"/> establish priority on findings	<input checked="" type="checkbox"/> research applications/proposals	<input type="checkbox"/> upon creation (open drafting)
<input type="checkbox"/> invite comments, feedback & scrutiny	<input type="checkbox"/> preregistrations	<input checked="" type="checkbox"/> as early as possible in our workflow
<input type="checkbox"/> archive evidence	<input type="checkbox"/> registered reports	<input type="checkbox"/> also before review (e.g. as preprint)
<input type="checkbox"/> promote my (team's) visibility	<input checked="" type="checkbox"/> data	<input type="checkbox"/> after formal peer review
<input type="checkbox"/> create material to use in education	<input type="checkbox"/> data papers	
<input type="checkbox"/> communicate with societal stakeholders	<input type="checkbox"/> code & software	
<input type="checkbox"/> meet formal funder requirements	<input type="checkbox"/> workflows and methods	
<input type="checkbox"/> foster careers of ECRs and temporary staff	<input type="checkbox"/> presentation slides	
<input type="checkbox"/> get new funding	<input type="checkbox"/> conference posters	
<input type="checkbox"/> have work formally peer reviewed	<input type="checkbox"/> articles/books reporting research results	
<input type="checkbox"/> provide information researchers can build on	<input type="checkbox"/> negative/null results	
<input type="checkbox"/> provide information practitioners etc. can build on	<input type="checkbox"/> replication studies	
<input type="checkbox"/> make scholarly communication more equitable	<input type="checkbox"/> review articles	
<input type="checkbox"/> make it easy for others to use the work	<input type="checkbox"/> systematic reviews	
<input type="checkbox"/> help improve reproducibility of science	<input type="checkbox"/> meta-analyses	
<input type="checkbox"/> contribute to knowledge curation	<input type="checkbox"/> popularising books	
<input type="checkbox"/> reach the largest possible audience	<input type="checkbox"/> blogs etc. on project progress	
<input type="checkbox"/> make it easy for others to assess the work	<input type="checkbox"/> blogs etc. aimed at discussion	
	<input type="checkbox"/> opinion pieces (e.g. in newspapers)	

**COSTRUIRE LA VOSTRA STRATEGIA DI PUBBLICAZIONE [UTILE ANCHE PER HORIZON EUROPE]**

# ...pubblicando non solo testi



WorkflowHub is a registry for describing, sharing and publishing scientific computational workflows.


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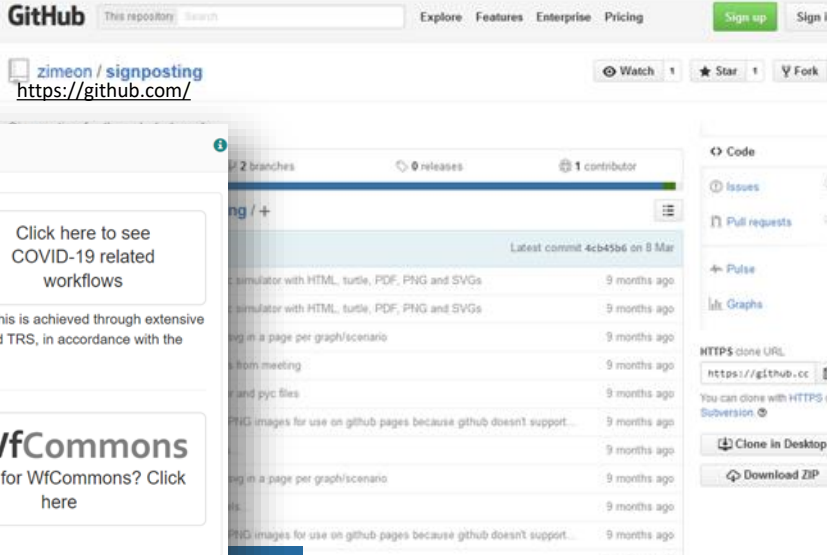
<https://workflowhub.eu/>

- Help is available on [about.workflowhub.eu](https://about.workflowhub.eu).
- Report any issues or suggest new features on [GitHub](https://github.com).
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simulator with HTML, turtle, PDF, PNG and SVGs 9 months ago

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## Data set 1 for CARBON AND GENE FLOW MEDIATED BY VIRUS LIFE


Wilson, Willie ; Martínez Martínez, Joaquin ; Archer, Steve ; Fields, David ; Gilg, Ilana ; Fløge, Sheri (show affiliations)

Experimental data sets used for manuscripts associated with coccolithovirus infection of *Emiliania huxleyi*. Flow cytometry data, expression data of genes associated with photophysiology, fatty acid metabolism and sulphur cycling. Please contact Willie Wilson (wilwil@sahfos.ac.uk) for further information.

Publication date: 15 September 2015  
DOI: [10.5281/zenodo.31006](https://doi.org/10.5281/zenodo.31006)  
Keyword(s): Virus, *Emiliania huxleyi*, photophysiology, sulphur cycling, fatty acid metabolism  
Collections: Communities, Datasets, Open Access  
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Name	Date	Size
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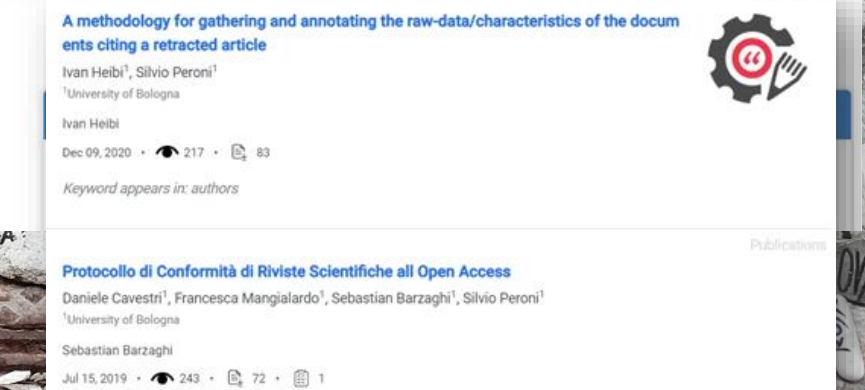

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**A methodology for gathering and annotating the raw-data/characteristics of the documents citing a retracted article**

Ivan Heibi<sup>1</sup>, Silvio Peroni<sup>1</sup>  
<sup>1</sup>University of Bologna

Ivan Heibi  
Dec 09, 2020 • 217 • 83

Keyword appears in: authors

**Protocollo di Conformità di Riviste Scientifiche all Open Access**

Daniele Cavestri<sup>1</sup>, Francesca Mangialardo<sup>1</sup>, Sebastian Barzaghi<sup>1</sup>, Silvio Peroni<sup>1</sup>  
<sup>1</sup>University of Bologna

Sebastian Barzaghi  
Jul 15, 2019 • 243 • 72 • 1

SI POSSONO DEPOSITARE DATI, SOFTWARE, IMMAGINI, POSTER, INTERI PROTOCOLLI... DIVENTANO «BLOCCHI» DI CONOSCENZA CHE POSSONO ESSERE RICHIAMATI E RIUSATI

... e non solo

PREPRINT



- PUBBLICAZIONE IMMEDIATA DEI RISULTATI
- PRIORITÀ SCIENTIFICA
- ELIMINA IL «LIMBO» DI ATTESA POST SUBMISSION
- FOCUS SUL CONTENUTO E NON SUL CONTENITORE

- Rule 1: Preprints speed up dissemination
- Rule 2: Preprints should be licensed and formatted to facilitate reuse
- Rule 3: Preprints provide a record of priority
- Rule 4: Preprints do not lead to being scooped
- Rule 5: Preprints provide access to scholarly content that would otherwise be lost

OPEN SCIENCE «PARZIALE» PUÒ ESSERE DANNOSA  
 [PREPRINT SENZA DATI NON È VERIFICABILE]  
 VA APERTO TUTTO IL CICLO DELLA RICERCA: DATI, TESTI, CODICE, PREREGISTRANDO GLI ESPERIMENTI

CULTURA E SCIENZA / APPROFONDIMENTO 30 sett 2020  
**Scienza aperta e Covid-19: che cosa non ha funzionato. Ma la condivisione è la strada giusta**

di Giovanna Borrelli e Francesco Sparano — 30 Settembre 2020

How Science Beat the Virus  
 And what it lost in the process

Story by Ed Yong

Dec.14, 2020



papers, or “preprints,” to freely accessible websites, allowing others to immediately dissect and build upon their results. This practice had been slowly gaining popularity before 2020, but proved so vital for sharing information about COVID-19 that it will likely become a mainstay of modern biomedical research. Preprints accelerate science, and the pandemic accelerated the use of preprints. At

VITALI DURANTE LA PANDEMIA

Rule 10: Preprints—one shoe does not fit all

[anche nelle Humanities]

preprints > subject area > arts\_humanities

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- ▶ Anthropology & Ethnography
- ▶ Archaeology

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Cindy Mason  
Subject: Arts & Humanities, Anthropology & Ethnography Keywords: Artificial Intelligence, Human Sciences, Positive Plasticity  
Online: 30 April 2021 (10:36:45 CEST)  
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Steinunn Kristjánsdóttir  
Subject: Arts & Humanities, Anthropology & Ethnography Keywords: Iceland; Norse; Benedictine Order; Augustine Order  
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Paola Pellegrini, Jinliu Chen  
Subject: Arts & Humanities, Anthropology & Ethnography Keywords: China; sustaina

## Preprints

HOW IT WORKS INSTRUCTIONS FOR AUTHORS SUBJECT AREAS ADVISORY BOARD SCREENING PREPRINTS ABOUT

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  - Archaeology
  - Art History & Restoration
  - Comparative Literature
  - General Humanities
  - History
  - Linguistics
  - Literary Studies
  - Media Studies
  - Music Studies
  - Philosophy
  - Theory of Art
  - Religious Studies
  - Other
  - Architecture and Design
- BEHAVIORAL SCIENCES**
  - Applied Psychology
  - Behavioral Neuroscience
  - Cognitive & Experimental Psychology
  - Clinical Psychology
  - Developmental Psychology
  - General Psychology
  - Social Psychology
  - Other
- BIOLOGY**
  - Anatomy & Morphology
  - Agricultural Sciences & Agronomy
  - Animal Sciences & Zoology
  - Ecology
  - Entomology
  - Forestry
  - Horticulture
  - Physiology
  - Plant Sciences
  - Other
- CHEMISTRY**
  - Analytical Chemistry
  - Applied Chemistry
  - Chemical Engineering
  - Electrochemistry
  - General & Theoretical Chemistry
  - Organic Chemistry
  - Inorganic & Nuclear Chemistry
  - Medical Chemistry
  - Physical Chemistry
  - Food Chemistry
  - Other
- EARTH SCIENCES**
  - Atmospheric Science
  - Geochemistry & Petrology
  - Geoinformatics
  - Geology
  - Geophysics
  - Oceanography
  - Palaeontology
  - Space Science
  - Environmental Sciences
  - Other
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  - Biomedical & Chemical Engineering
  - Civil Engineering
  - Control & Systems Engineering
  - Electrical & Electronic Engineering
  - Energy & Fuel Technology
  - General Engineering
  - Industrial & Manufacturing Engineering
  - Marine Engineering
  - Mechanical Engineering
  - Other
  - Construction

- LIFE SCIENCES**
  - Biochemistry
  - Biophysics
  - Biotechnology
  - Cell & Developmental Biology
  - Endocrinology & Metabolomics
  - Genetics
  - Immunology
  - Molecular Biology
- MATERIALS SCIENCE**
  - Biomaterials
  - General Materials Science
  - Metallurgy
  - Nanotechnology
  - Polymers & Plastics
  - Surfaces, Coatings & Films
  - Other
- MATHEMATICS & COMPUTER SCIENCE**
  - Algebra & Number Theory
  - Analysis
  - Applied Mathematics
  - Artificial Intelligence & Robotics
  - Computational Mathematics
  - General Mathematics
  - Geometry & Topology
  - Information Technology &
- MEDICINE & PHARMACOLOGY**
  - Allergology
  - Anesthesiology
  - Behavioral Neuroscience
  - Cardiology
  - Clinical Neurology
  - Dermatology
  - Nursing & Health Studies
  - Gastroenterology
  - General Medical Research
- PHYSICAL SCIENCES**
  - Acoustics
  - Applied Physics
  - Astronomy & Astrophysics
  - Atomic & Molecular Physics
  - Condensed Matter Physics
  - Fluids & Plasmas
  - General & Theoretical Physics
  - Mathematical Physics
  - Nuclear & High Energy
- SOCIAL SCIENCES**
  - Accounting
  - Economics
  - Econometrics & Statistics
  - Education Studies
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# Preprint news

Since 2015, the Bill & Melinda Gates Foundation has led a bold Open Access policy that prioritizes the access, transparency, and equity of funded research. With a decade of experience and lessons learned, the foundation is refreshing its Open Access policies to address ongoing challenges and advance systemic change in scholarly publishing

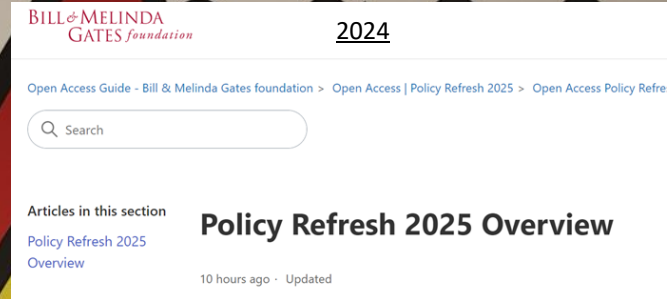
- Requiring preprints and encouraging preprint review to make research publicly available when it's ready. While researchers and authors can continue to publish in their journal of choice, preprints will help prioritize access to the research itself as opposed to access to a particular journal.
- Discontinuing publishing fees, such as APCs. By discontinuing to support these fees, we can work to address inequities in current publishing models and reinvest the funds elsewhere.
- We will work to support an Open Access system and infrastructure that ensures articles and data are readily available to a wider range of audiences.

OBBLIGO  
PREPRINT+OPEN PEER REVIEW

NON PAGANO PIÙ APC



# Preprint news



- All foundation funded manuscripts will be made available as an Open Access preprint with a CC-BY license.
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OPINION ARTICLE

**REVISED** Open laboratory notebooks: good for science, good for society, good for scientists [version 2; peer review: 2 approved, 1 approved with reservations]

Matthieu Schapira <sup>1,2</sup>, The Open Lab Notebook Consortium, Rachel J. Harding <sup>1</sup>

# What is an Open Notebook?

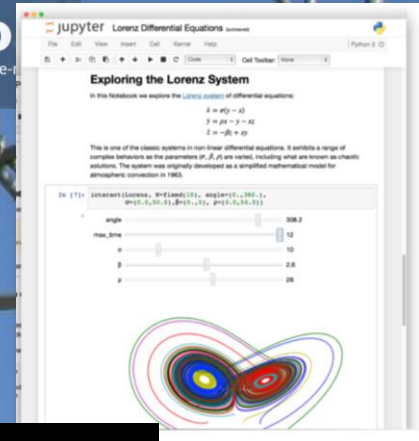
Open Notebooks are documents that contain equations, visualisations, narrative text and live code that can be executed independently and interactively, with output visible immediately beneath the input.

They bring together analysis descriptions and results, which can be executed to perform the data analysis in real time.

R Studio

RStudio

Open source and enterprise professional software for R



OPEN LAB NOTEBOOK CONTENGONO TUTTO: TESTO, METODO, DATI, SOFTWARE, CODICE ESEGUIBILE... SERVONO ANCORA LE RIVISTE CHE PUBBLICANO SOLO LA SINTESI DELLA RICERCA?



# Documenti vivi

## The big idea: should we get rid of the scientific paper? Apr. 11, 2022

As a format it's slow, encourages hype, and is difficult to correct. A radical overhaul of publishing could make science better

Consider the messy reality of scientific research. Studies almost always throw up weird, unexpected numbers that complicate any simple interpretation. But a traditional paper - word count and all - pretty well forces you to dumb things down. If what you're working towards is a big, milestone goal of a published paper, the temptation is ever-present to file away a few of the jagged edges of your results, to help "tell a better story". Many scientists admit, in surveys, to doing just that - making their results into unambiguous, attractive-looking papers, but distorting the science along the way.

■ ■ Some fields of science are already using online notebooks instead of journals - living documents instead of living fossils

And consider corrections. We know that scientific papers regularly contain errors. One algorithm that ran through thousands of psychology papers found that, at worst, more than 50% had one specific statistical error, and more than 15% had an error serious enough to overturn the results. With papers, correcting this kind of mistake is a slog: you have to write in to the journal, get the attention of the busy editor, and get them to issue a new, short paper that formally details the correction. Many scientists who request corrections find themselves stonewalled or otherwise ignored by journals. Imagine the number of errors that litter the scientific literature that haven't been corrected because to do so is just too much hassle.



LE RIVISTE SONO ANTICHE, INEFFICACI, OBSOLETE. USIAMO GLI OPEN NOTEBOOK...DOCUMENTI VIVI AL POSTO DI FOSSILI

We've made astonishing progress in so many areas of science, and yet we're still stuck with the old, flawed model of publishing research. Indeed, even the name "paper" harkens back to a bygone age. Some fields of science are already moving in the direction I've described here, using online notebooks instead of journals - living documents instead of living fossils. It's time for the rest of science to follow suit.

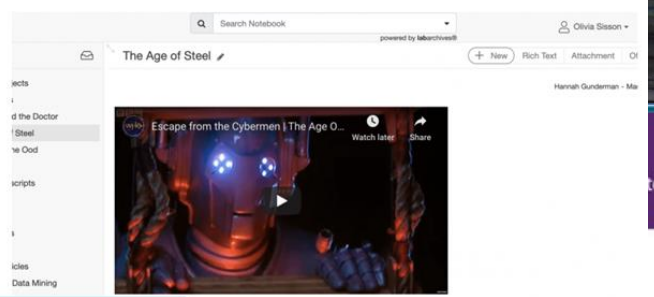
# [and Humanities]



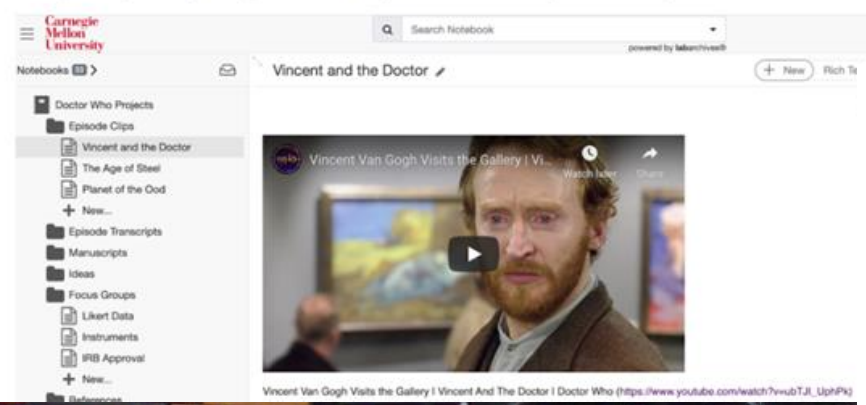
## Lab notebook for Humanities

### Using an ELN for Humanities

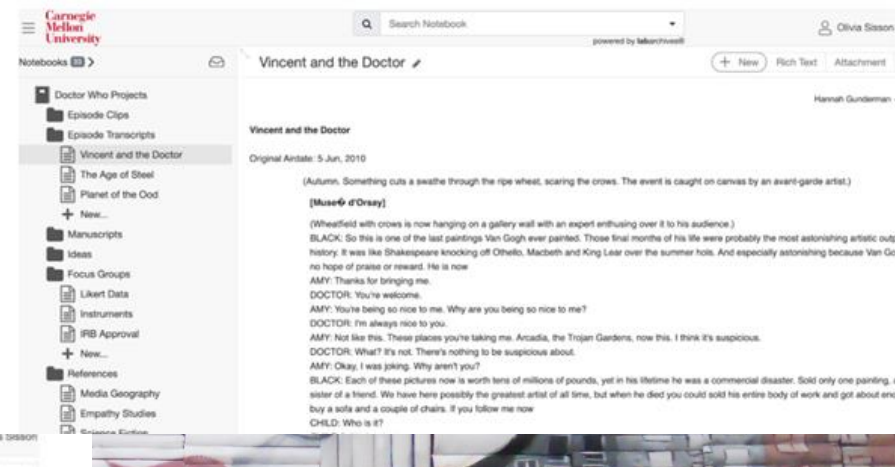
by Olivia Sisson | May 21, 2020 | Data Management, Research | 0 comments



**Videos:** Movies and shows are what Hannah spends most of her time investigating. In the same way that a sociologist might observe human subjects and collect data points from interactions, Hannah observes life as presented on screen. Video files are a crucial part of her research. Storing them in a paper notebook obvious isn't an option. With LabArchives Hannah can store video files and clips directly on the notebook page. This makes it easy to keep corresponding video files, analysis and commentary in the same place.



**Files:** Hannah uses transcripts and manuscripts from shows and movies to investigate language and messaging. These files can get bulky and keeping track of them is important. With just a few clicks she uploads them to her notebook and doesn't have to worry about losing them...ever (nothing gets permanently deleted and all data is searchable within LabArchives). With an ELN, you never have to worry about misplacing your work.



**Ideas:** While research in any field is often rooted in analytical investigation and analysis, ideation and creativity is also a big part of it. Hannah keeps an idea log in her LabArchives notebook so that she can keep track of wandering thoughts that might become significant later on. Because she uses an ELN she can access her lab notebook from her phone or computer and jot down passing thoughts before they're gone.

**Big Data:** Many researchers work with huge data sets. The same goes for humanities researchers. These files aren't always easy to store or share but LabArchives accepts almost all file types. This makes it easy for Hannah and other researchers to keep track of *everything* related to their work and share it with collaborators when needed. Hannah is able to store all her files in LabArchives, even the files related to the automated data mining she's done to investigate responses to the shows she studies.

**Publishing:** When research and analysis are complete, it's time to publish your findings. This phase, while exciting, is the point where organization and proper data management come into play in a big way. If data is strewn across desktop files, cloud storage systems, emails and/or paper notebooks collating everything in a way that suits publishing requirements can be a nightmare.

Hannah's ELN takes care of all of these potential issues for her. Her work in LabArchives is organized, secure, properly attributed and completely searchable. If she did need to track down a certain piece of data even years down the line, she'd be able to find it quickly in LabArchives.

...non più riv

RESEARCH EQUALS...  
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# ... con Open peer review



SYSTEMATIC REVIEW

## What is open peer review? A systematic review [version 1; referees: 1 approved, 3 approved with reservations]

✉ Tony Ross-Hellauer

+ Author details

+ Grant information



This article is included in the [The Future of Scholarly Publishing](#) collection.

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### Open Peer Review

Referee Status: ✓✓✓✓

#### Invited Referees

Version(s) 1 2 3 4

**REVISED**  
Version 2  
published  
31 ago 2017

✓  
read  
report

REVIEW ARTICLE

Front. Comput. Neurosci., 05 July 2012 | <https://doi.org/10.3389/fncom.2012.00033>

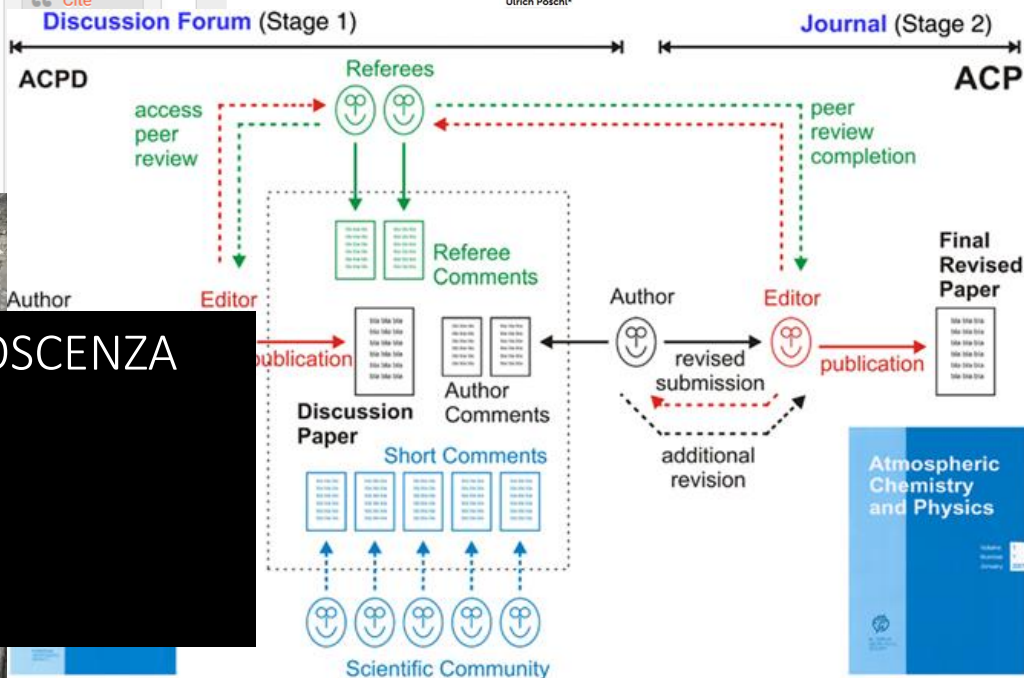
Poschl 2012

**Multi-stage open peer review: scientific evaluation integrating the strengths of traditional peer review with the virtues of transparency and self-regulation**

Ulrich Pöschl\*

### Abstract

Background: "Open peer review" (OPR), despite being a major pillar of Open Science, has neither a standardized definition nor an agreed schema of its features and implementations. The literature reflects this, with a myriad of overlapping and often contradictory definitions. While the term is used



- REVISIONI COME «PEZZI» DI CONOSCENZA
- HANNO UN DOI
- SONO CITABILI
- DEVONO ESSERE VALUTATE COME «PRODOTTI» DELLA RICERCA

# ... o peer review indipendente

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April 21, 2021

ANDREY\_POPOV/SHUTTERSTOCK

## Fifteen journals to outsource peer-review decisions

By Cathleen O'Grady | Apr. 19, 2021, 5:10 AM

PEER REVIEW: FATTA. COSÌ GLI EDITORI  
DEVONO DIRCI PER COSA LI PAGHIAMO

But with PCI RR performing all the steps involved in peer review, publishers will have to demonstrate their value, Hoyt says. He says publishers still operate platforms that draw readers, and they do important work to format articles so they can be aggregated by PubMed and other databases. "There's a role for publishers still to play," he says, "but I think they will have to start justifying the prices they charge."

# ...condividendo bibliografie e collezioni

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Title	Creator	Date
An Academic Publishers' GO FAIR Implementation Network (APIN)	Velterop and Schultes	2020-01-01
An Editorial and Technical Journey into Post-Publication Peer Review (PPRR)	Romary	2020-10-16
Bring structure to your research	Protocols.io	
Guest Post by Jean-Claude Guédon: Scholarly Communication and Scholarly Publishing	Guédon, Jean Claude	2021-04-21
Guidelines for open peer review implementation	Ross-Hellauer and Görögh	2019-02-27
hypergraph	Hartgerink	
Invest 5% of research funds in ensuring data are reusable	Mons	2020-02-25
Janeway		
Multi-Stage Open Peer Review: Scientific Evaluation Integrating the Strengths of Traditional Peer Rev...	Pöschl	2012
Next Generation Repositories	iholt	
Open Access Diamond Journals study	OPERAS	2021-03-09
Open laboratory notebooks: good for science, good for society, good for scientists	Schapiro and Harding	2019-04-02
Open Research Europe		
Open science practices for journals (OPERAS 2020 conference)	Kramer and Bosman	
Open Science Saves Lives: Lessons from the COVID-19 Pandemic	Besaçon et al.	2020-10-30
Open science, la scienza fatta bene – OA@unito.it	Masuzzo	
Open Science, Open Data, and Open Scholarship: European Policies to Make Science Fit for the Twen...	Burgelman et al.	2019
PCI Registered Reports		
Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)	Burgelman	2021-02-01
Qeios - Empowering Researchers		
Resources   Plan S	Coalition S	
The need for Open Science, in times of pandemic and far beyond	bernardrier01	2020-11-07



# ...condividendo bibliografie e collezioni



[CLARIN virtual collections](#)

[Home](#) > [Services](#) > Virtual Collections

## Virtual Collections

A virtual collection is a coherent set of links to digital objects (e.g. annotated text, video) that can be easily created, accessed and cited. The links can originate from different archives, hence the term *virtual*. A virtual collection is suitable for manual access (using a web-browser) as well as automated processing (e.g. by a webservice).

[→ Go to the Virtual Collection Registry](#)

CLARIN [provides a registry](#) where scholars can create and publish their virtual collections. It is closely integrated with the infrastructure and provides persistent identifiers and [federated login](#). The collection metadata [is openly available](#) and accessible via the [Virtual Language Observatory](#).

Some examples:

- [data as mentioned in an article's footnotes](#) gathered in a single virtual collection
- [a virtual collection with links to data](#) illustrating a book (video and sound recordings)

More information is available in the [Virtual Collections shortguide](#)



# FAIR-by-design training material

## A FAIR-BY-DESIGN METHODOLOGY FOR THE FAIR-IFICATION OF EXISTING LEARNING MATERIALS

2023

Use this guide to make your already prepared learning materials FAIR by jumping through the different FAIR-by-design stages



**Skills 4 eosc**  
Open Science Commons

**FAIR skills** (f, a, i, r icons)

Empower with the skills necessary to implement the FAIR principles. Learn about IPR, metadata, PIDs, repos, ...

»»Prepare

**Versioning** (r icon)

Use a versioning system to implement document version control. Start a new version.

»»Prepare

**Structure** (r icon)

Decide the level of aggregation on which FAIR will be implemented. The more granular the better reuse.

»»Design

**Reused?** (i, r icons)

If you already reused some content you must check if it has permissive license and provide attribution

»»Design

**Schema** (i icon)

Choose a metadata schema to describe the material, such as the RDA minimal metadata schema

»»Produce

**Vocabularies** (f, i icons)

Redefine the main keywords: learning objectives, audience, microcredentials, ... using the controlled vocabularies related to the schema

»»Prepare

**Facilitator kit** (r icon)

Develop an instructor kit (how to, tips & tricks, ...) that should help facilitate the process of others reusing the learning material

»»Design

**Tools & Formats** (a, i icons)

Use interoperable tools that will enable you to save the intermediate (editable) and final content in open file formats

»»Produce

...communicando



The Turing Way

### Guide for Communication

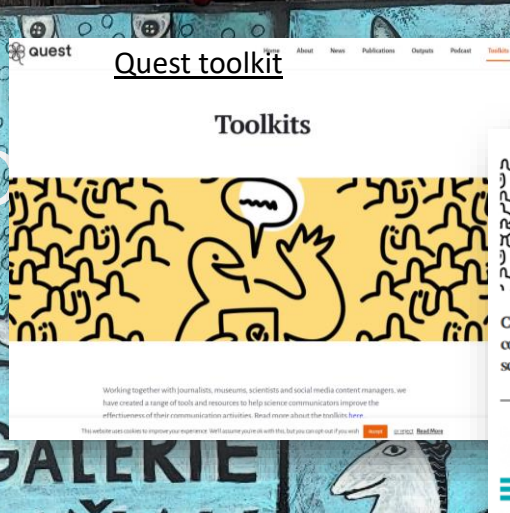
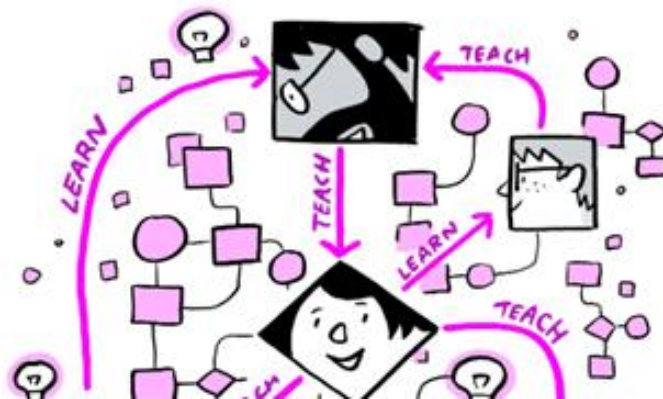
- Overview of Guide for Communication
- Open Scholarship
- Blogs for Research Communication
- Lay Summaries
- Podcasts for Research Communication
- Presenting Posters and Conference Talks
- Social Media for Research Communications
- Research Objects in Action
- Making Research Objects Citable
- Publishing Different Article Types
- Communications in Open Source Projects
- Authorship and Contributions on Academic Articles
- Peer Review
- Binder

Turing way / communication

## Guide for Communication

*This guide covers topics related to effective communication in research.*

Data analysis process, statistics and project development can be overwhelming to make available to and to explain to people, especially when they are not already involved in this process. Therefore, data scientists should not only have a good understanding of data analysis techniques but also develop skills to communicate insights from their work in a clear, open, and accessible format that can help key stakeholders make meaningful decisions. There are many ways we can convey our insights responsibly that can resonate with and impact our target audience.



Toolkit for science communicators and trainers

Checklist for scientists: communicating science to the public

Presentation: Toolkit for science communicators and trainers



Explainers and suggestions for journalists



JECT.AI - digital support tool for science journalism

Toolkit for journalists reporting about science

Presentation: Toolkit for journalists reporting on science



Guidelines for quality science communication in journalism

# Comunicare la scienza

## CONVEGNO A BRUXELLES: COMUNICARE LA SCIENZA AL CROCEVIA CON POLITICA E INDUSTRIA

We call upon European institutions, national governments, and research organisations to:

1. Incentivise science communication within research environments through better recognition and support. Funding support should be provided for dedicated training in communication skills; for the further integration of communication activities into career paths; and to foster national and international collaborative platforms to share best practices. Researchers should be recognised and rewarded for their efforts in science communication as part of research assessment systems.
2. Recognise science communicators as professionals who apply evidence-based approaches, and science communication as a distinct field of expertise and research. Collaborations between researchers and communicators are pivotal to ensure that research results are usable, accessible, and transferable to citizens and society at large and to build understanding of the scientific process within different audiences.
3. Promote and develop AI literacy and data transparency for the responsible use of Artificial Intelligence in science communication. Trust in AI will depend on organisational engagement in issues of accountability, transparency, regulation, and bias to ensure this tool's ethical and effective integration into research and communication practices.
4. Adopt a set of core principles for responsible science communication based on transparency, inclusivity, integrity, accountability, respect for autonomy, and timeliness. This makes it necessary to address challenges such as transparency in scientific communication, fostering critical public discourse, enhancing media literacy, respecting disciplinary differences, multi-lingualism, and prioritising the critical thinking skills and trust of young people in science.

HIGH-LEVEL CONFERENCE

2024

UNLOCKING THE POWER  
OF SCIENCE COMMUNICATION  
IN RESEARCH AND POLICY MAKING

CONNECTING RESEARCH,  
GOVERNMENT, INDUSTRY,  
AND SOCIETY

PALAIS DES ACADEMIES, RUE DUCALE 1, 1000 BRUSSELS

12 AND 13 MARCH 2024



### Integrating More and Better Science Communication in Research Programmes

Strategic conclusions from the High-level Conference 'Unlocking the Power of  
Science Communication in Research and Policy Making'

- RICONOSCERE PER LA VALUTAZIONE LE ATTIVITÀ DI COMUNICAZIONE DELLA SCIENZA
- COLLABORAZIONE FRA RICERCATORI E COMUNICATORI

# Comunicare la scienza

HIGH-LEVEL CONFERENCE

2024



UNLOCKING THE POWER  
OF SCIENCE COMMUNICATION  
IN RESEARCH AND POLICY MAKING

CONNECTING RESEARCH,  
GOVERNMENT, INDUSTRY,  
AND SOCIETY

PALAIS DES ACADEMIES, RUE DUCALE 1, 1000 BRUSSELS

12 AND 13 MARCH 2024

## Integrating More and Better Science Communication in Research Programmes

Strategic conclusions from the High-level Conference 'Unlocking the Power of Science Communication in Research and Policy Making'

Science communication is essential to delivering the message that funding scientific research is an investment, not an expense. It is necessary to integrate science communication initiatives strategically from the outset of research programmes and projects to showcase the value of research investments in addressing pressing societal issues, while also improving understanding of the research process itself.

# ...con una diversa idea di «impatto sociale»

EVENTO 4 NOV COME  
SCRIVERE UNA VOCE IN WIKIPEDIA

CREARE VOCI DI  
WIKIPEDIA SUI VOSTRI  
ARGOMENTI DI STUDIO

Donne nella scienza in  
Wikipedia  
(Donne in STEM Torino)

Camelia Boban, fondatrice progetto "WikiDonne" in Wikipedia,  
Università di Torino, 4 novembre 2022

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The Free Encyclopedia

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## Open science

From Wikipedia, the free encyclopedia

**Open science** is the movement to make scientific research (including publications, data, physical samples, and software) and its dissemination **accessible** to all levels of an inquiring society, amateur or professional.<sup>[2]</sup> Open science is transparent and accessible knowledge that is shared and developed through collaborative networks.<sup>[3]</sup> It encompasses practices such as publishing **open research**, campaigning for **open access**, encouraging scientists to practice **open notebook science**, and generally making it easier to publish and communicate scientific knowledge.

Open Science can be seen as a continuation of, rather than a revolution in, practices begun in the 17th century with the advent of the **academic journal**, when the societal demand for access to scientific knowledge reached a point at which it became necessary for groups of scientists to share resources<sup>[4]</sup> with each other so that they could collectively do their work.<sup>[5]</sup> In modern times there is debate about the extent to which scientific information should be shared.<sup>[6]</sup> The conflict that led to the Open Science movement is between the desire of scientists to have access to shared resources versus the desire of individual entities to profit when other entities partake of their resources.<sup>[7]</sup> Additionally, the status of **open access** and resources that are available for its promotion are likely to differ from one field of academic inquiry to another<sup>[8]</sup>

Open Science

- Open Data
- Open Source
- Open Methodology
- Open Peer Review
- Open Access
- Open Educational Resources

The six principles of open science<sup>[1]</sup>



FOCUS SU  
OPEN ACCESS

# Open Access

Open Access significa  
accesso aperto, immediato  
e libero da ogni restrizione  
ai risultati e ai dati della ricerca scientifica



Open Access

Berlin Declaration

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# ...in Italia siamo ancora a questo

Gruppo di Redazione Roars

## ROARS Return on Academic ReSearch



Maria Clara Nucci

6 ottobre alle ore 11:25 · 🌐

Sono dal 2005 nel Comitato Editoriale della rivista Journal of Nonlinear Mathematical Physics. Ci siamo tutti dimessi compreso l'Editor-in-Chief.

Motivo? Il publisher (=colui che pubblica) della rivista ha deciso di far pagare (750 euro) ogni articolo pubblicato agli autori. È questo l'open access.

Ecco l'elenco di tutti i membri del Comitato Editoriale che si sono dimessi:

ROARS Return on Academic ReSearch

From: Maria Clara Nucci <mariaclara.nucci@unipg.it>  
Sent: Friday, October 2, 2020 3:07 PM  
To: Zeger Karssen  
Subject: Re: JNMP and Open Access

Dear Mr. Karssen,

Thanks for your email below. Your own words have reinforced my decision of resigning from the Editorial Board of YOUR COMMERCIAL JNMP since your detailed policy means the end of a scientific journal as JNMP was, a journal that I was happy to help growing with my service as a Member of the Editorial Board, as a Reviewer, and as an Author. I will not support with any of my work your so-called Gold (sic) system. As an author I will never published in it, and will not waste my time as a Reviewer for your commercial JNMP.

You may gain few bucks with your policy, though I doubt it. However, you will never gain any respect in the Scientific Community, in particular mine. You may think that respect is not a valuable asset. Then I would suggest you to look at the history of certain publishers, and see what money is worth in time of war.

Maybe, I am not going to convince you. At least, I try.  
Sincerely yours,  
Prof. Maria Clara Nucci

Giuliana Glusti

Ed è poco! L'open access è un business. La rivista Linguistics di de Gruyter ne vuole 2000!

Piero Marcati

Quindi il giornale si riempirà di monnezza. Pecunia non olet!!

Mi piace · Rispondi · 2 g



1

Gabriele Fici

Mi sono sempre rifiutato di pagare per pubblicare. Trovo più scandaloso pagare per pubblicare rispetto al fatto che la mia istituzione paghi un abbonamento per farmi accedere alle riviste specializzate. Detto questo, c'è arXiv...

Mi piace · Rispondi · 3 g



3

IL PEGGIO DEL PEGGIO QUANTO  
A PREGIUDIZI E  
DISINFORMAZIONE  
(E MANCANZA DI [E VOLONTÀ DI]  
CONOSCENZA)

# Dati europei

## Study on scientific publishing in Europe

Development, diversity, and transparency of costs


Independent  
Expert  
Report

### Table of contents

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# ... parliamo di Open Access / green e gold



SI **DEPOSITA** IN UN ARCHIVIO OPEN ACCESS LA VERSIONE FINALE DELL'ARTICOLO, OVUNQUE ESSO SIA STATO PUBBLICATO, NEL RISPETTO DELLE NORME DI COPYRIGHT DELL'EDITORE

FATTIBILE SUBITO,  
A COSTO ZERO,  
E NON SI CAMBIA SEDE EDITORIALE  
(QUINDI SI FA VQR, ASN...)  
NON FA NESSUN DANNO ALLA  
VOSTRA CARRIERA!



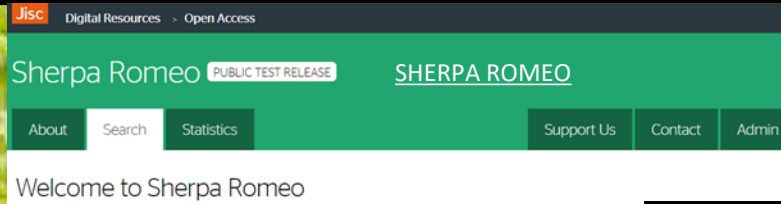
SI **PUBBLICA** IN UNA RIVISTA OPEN ACCESS  
[senza abbonamento, 33% chiede spese pubblicazione]

VQR 2020-2024 CI SARÀ RICHIESTA DI OPEN ACCESS E OPEN SCIENCE

# Depos

82% DEGLI EDITORI INTERNAZIONALI LO CONSENTE (Elsevier, Wiley, Springer...), VERIFICARE SU SHERPA ROMEO:

VIDEO  
TUTORIAL



## Publisher Policy

Open Access pathways permitted by this journal's policy are listed below by article version. Click on a more detailed view.

**Published Version** None Institutional Repository, Subject Repository, PMC, +1

**Accepted Version** [pathway a] Author's Homepage

**Accepted Version** [pathway b] Institutional Repository

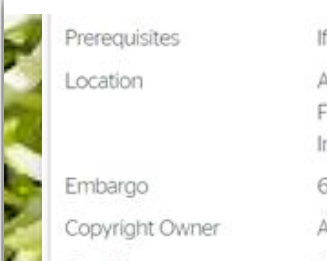
**Submitted Version** Preprint Repository, Author's Homepage

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# Predatory? Bisogna essere in due per ballare il tango



SONO UN  
SOTTOPIRODOTTO DI  
QUESTA VALUTAZIONE  
QUANTITATIVA, NON  
DELL'OPEN ACCESS

Researchers are not 'hoodwinked' victims. All choose to play the publishing game and some can choose to change it.

2015

I RICERCATORI NON SONO VITTIME. SONO PARTE DEL GIOCO. MA È ORA DI DIRE «GAME OVER»

In both cases the researcher is present in the headline states into parting with money (either directly in the form of APCs or indirectly through their libraries). But really? I've no intent to excuse the behaviour of these publishers, but they are simply serving a demand. A demand created by researchers under immense pressure to demonstrate their productivity. Researchers who know how to play the game.

Scott Edmunds perhaps summed it up best at the FORCE2015 meeting in Oxford:



*It is no longer the case that people are gaming the system, the system has become a game. It's time to say Game Over.*

Gianluca Sbardella  
@g\_sbardella

11 MARZO 2023

MDPI journals have been included in the list of predatory journals. It was about time.

Traduci il Tweet



1. DAVVERO DOBBIAMO FARCELO DIRE DA UNA LISTA NERA?
2. CHI C'È DIETRO IL BLOG?
3. PERCHÉ CI PUBBLICATE?

If we cast ourselves as mere  
is an excuse for doing nothing

# [colori e altre amenità

RIVISTE DI EDITORI  
COMMERCIALI IN  
ABBONAMENTO

...NON DIMENTICATE CHE ESISTE IL GREEN  
OPEN ACCESS – SEMPRE GRATIS  
(PUBBLICATE DOVE VOLETE E POI DEPOSITATE,  
VERIFICANDO LA VERSIONE CONSENTITA SU  
SHERPA ROMEO)

- 10 MILIARDI/ANNO
- TUTTI PAGANO LO STESSO CONTENUTO
- PAGHIAMO PER CHIUDERE

RIVISTE IBRIDE

NON AMMESSE IN  
HORIZON EUROPE

- 100% CHIEDE APC
- DAI 3000\$ AGLI 11.000 DI NATURE
- SI PAGA UN ARTICOLO MA LA RIVISTA  
RIMANE IN ABBONAMENTO  
(PAGHIAMO DUE VOLTE)

RIVISTE FULL OPEN  
ACCESS

DIAMOND=SENZA  
COSTI

- 33% RICHIEDE APC
- PAGATE UNA VOLTA PER SEMPRE  
DA UN SOLO ENTE
- PAGHIAMO PER APRIRE

# ...due parole sui contratti

## FINAL CONFERENCE STATEMENT 14th Berlin Open Access Conference



## 14th BERLIN OPEN ACCESS CONFERENCE ALIGNING STRATEGIES TO ENABLE OPEN ACCESS

Harnack House, Berlin, 3-4 December 2018



(c) Georg Botz, Creative Commons Licence (CC-BY-SA)

Berlin 14

**Participants from 37 nations and five continents**, representing research performing and research funding institutions, libraries and government higher education associations and rectors' conferences, associations of researchers and other open access initiatives gathered at the *14th Berlin Open Access Conference* held 3-4 December 2018 in Berlin. They affirmed that there is a strong alignment among the approaches taken by *OA2020*, *Plan S*, the *Jussieu Call* and others to facilitate a full and complete transition to open access. The statement that follows represents the strong consensus of all of those represented at the meeting.

We are all committed to authors retaining their copyrights,  
We are all committed to complete and immediate open access,  
We are all committed to accelerating the progress of open access through transformative agreements that are temporary and transitional, with a shift to full open access within a very few years. These agreements should, at least initially, be cost-neutral, with the expectation that economic adjustments will follow as the markets transform.

Publishers are expected to work with all members of the global research community to effect complete and immediate open access according to this statement.

- TEMPORANEI
- TRANSIZIONE IN POCHI ANNI

## Reasons for:

1. **The proposal looks affordable.** Without publicly disclosing the financial details of the proposed read and publish deal, it looks similar to the current (read-only) deal.
2. **It maintains the status quo.** People can continue to read and now publish as before.

## Reasons against:

1. **Just because we can afford it, it doesn't mean we should subscribe.** We could do much more across the UK with the funding. We could develop and maintain an infrastructure for sustainable publishing. We could be supporting diamond Open Access initiatives (free of charges to read and publish in). Many researchers in other countries not be able to afford a deal; by accepting this deal we would be perpetuating and perhaps widening the gap between a few well-funded Universities from the rest of the world.

2. **The deal says nothing about rights retention.** This proposal recognises the writing on the wall and that costs to publish are the growth area. However, a sustainable open access, now supported by UKRI and Wellcome, is that of rights retention embargo-free green OA. Where does Elsevier stand on rights retention?

14. **By accepting the deal, we are explicitly condoning the use of paywalls to prevent public access to academic research.** This is simply unethical. The technical solutions for low cost sharing of information are available; we just need the will to use them, and eschew the traditional mechanisms.

15. **Nothing changes if we accept the deal.** We all recognise that scholarly publishing is in dire straits. So why continue to throw more money at the established publishers who have a vested interest in maintaining barriers to research? Researchers continue to prop up the system by providing the most challenging element of publishing – notably the peer review element. Using our limited funds to support large publishers (who have profit margins typically around 30%) means that we do not set our own vision for an ethical and sustainable scholarly infrastructure. We need to be moving away from deals like this, not reinforcing them.



Stephen Eglen  
@StephenEglen

Here are my thoughts on Elsevier's proposal for a read and publish deal.

[tiny.one/elsevier-7](https://tiny.one/elsevier-7)

Please leave comments, share widely, and ensure your views are known to your local library representatives asap. This is being decided in the coming days.

[#NoElsevier](https://twitter.com/StephenEglen)

6. There is still no model for how APCs are priced. Simply comparing the costs against Springer is meaningless. **APCs need to be transparent** - this seems to be a case of continuing to hide them. There is also no description from Elsevier on how APCs are waived for those outside the UK who cannot afford them, or for waivers for the Elsevier journals.

7. **The read and publish deal is just another form of deal, which means we are still locked-in to a big deal.** Elsevier probably doesn't care too much what exactly they are selling us, as long as they get a suitable fraction of the total budget of UK research funding. (The deal is down to 3 years from 5 years, which is progress, but still means that the journals budget at our institutions is dominated by one publisher.) The deal only looks viable financially if significant numbers of people will publish in Elsevier journals. Why should we set up this perverse incentive to choose one large publisher over many other smaller publishers?

15 MOTIVAZIONI MOLTO  
SERIE CONTRO I  
TRANSFORMATIVE  
AGREEMENTS



... «qualche

4. When we spend money to publish OA research, remember the goals to which OA is the means. Favor models which benefit all regions of the world, which are controlled by academic-led and nonprofit organizations, which avoid concentrating new OA literature in commercially dominant journals, and which avoid entrenching models in conflict with these goals. Move away from read-and-publish agreements.

THE Times Higher Education

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News 2022 Home Latest Opinion In-depth Leadership

Segretaria.me

Twitter Facebook LinkedIn Email

### Transformative agreements are not holding up open access

Both journals and funders need to do more to support the gold route that authors want and open science needs, says Steven Inchcoombe

July 15, 2022

Steven Inchcoombe

Last month, publishers submitted data to the open access cOAlition S showing

BOAI March 15, 2022 HOME READ SIGN

Home / BOAI20

### THE BUDAPEST OPEN ACCESS INITIATIVE: 20TH ANNIVERSARY RECOMMENDATIONS

frontiers

2022

### It is not transformation if nothing changes

A Frontiers white paper on the impact of transformative

Stockholm University EDUCATION RESEARCH ABOUT THE UNIVERS

Scholarly Communication 2021

Ashley Farley, Allison Langham-Putrow, Elisabeth Shook, Leila Belle Serman, and Megan Wacha

## Transformative agreements

### Six myths, busted

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Scienza Open science

### Contratti trasformativi: una lettera aperta alla CRUI

Di ROARS - 27 Marzo 2024 1

2023

### Open access: Need to move away from transformative agreements

Stockholm University < News


Sweden is far ahead when it comes to promoting open access to scholarly publications. But there is risk of getting stuck in a permanent transformation that favours large commercial publishers. A new report from the Association of Swedish Higher Education Institutions develops a strategy on how to work in negotiations with the publishers.

In 2021, the Association of Swedish Higher Education Institutions (Sveriges universitets- och högskoleförbund, SUHF) convened a "Beyond transformative agreements" working group

**T**ransformative publishers in open access (OA) model. The idea originated in a 2015 white paper from the Max Planck Digital Library (MPDL), which posited that the current level of investment (\$10 billion worldwide) is sufficient to fund the

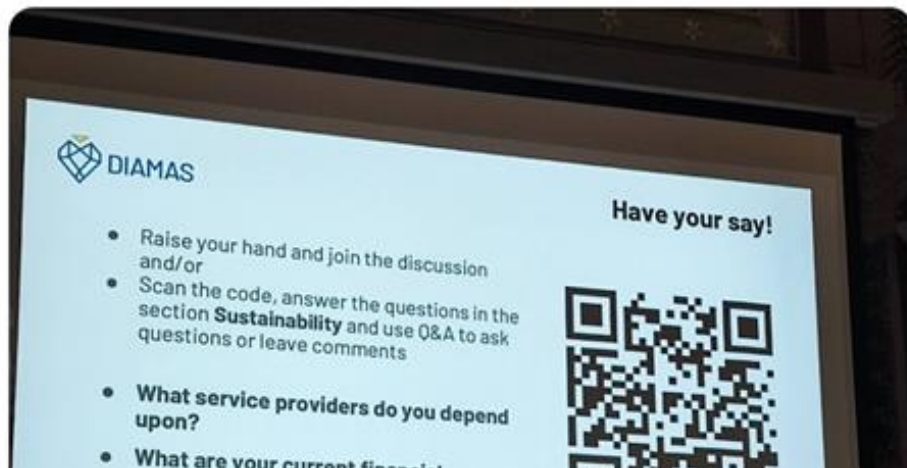
# [un tweet da Madrid]

...CONTINUIAMO A INTERROGARCI SULLA SOSTENIBILITÀ DELL'OPEN ACCESS (E DEL DIAMOND OPEN ACCESS)... **MA NESSUNO METTE IN DUBBIO I 10 MILIARDI DI SOLDI PUBBLICI SPESI OGNI ANNO PER CHIUDERE LA RICERCA PUBBLICA DIETRO ABBONAMENTO?**

 **Elena Giglia**  
@egiglia

Why focusing on #diamond #OpenAccess #sustainability and nobody question the billion of public money we waste in subscriptions to #elsevier and commercial publishers? Is this sustainable? Libraries waste money and we have to beg for crumbs for #OJS @DiamasProject #OSFAIR2023


Traduci post



**DIAMAS**

Have your say!

- Raise your hand and join the discussion and/or
- Scan the code, answer the questions in the section **Sustainability** and use Q&A to ask questions or leave comments



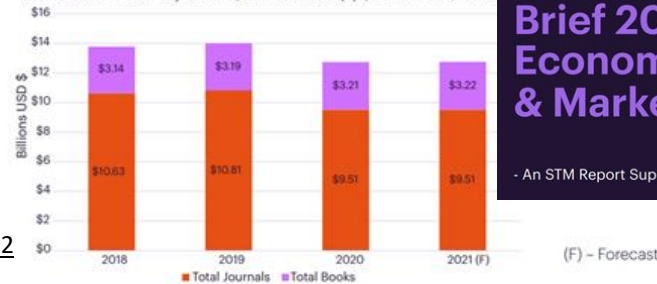
- What service providers do you depend upon?
- What are your current financial...

10 MILIARDI DI DOLLARI/ANNO IN ABBONAMENTI

## Global Market Share Journals and Books

Outsell, Inc. measured 2019 revenues from journals, as a format, at \$10.81 billion, representing 39% of total market value, while books represented \$3.19 billion or 11% of total market value. In 2020, Outsell, Inc. found journals to have fallen to a value of \$9.51 billion or 36% of total market value and books to have increased marginally to \$3.21 billion, rising slightly to represent 12% of total market value. The remaining sources of revenue for the industry comprise of publishing platforms and tools, technical information, events, standards, databases and other services.

Fig.2 STM Global Market by Format, 2018 to 2021 (F) (Source: Outsell, Inc. 2020)



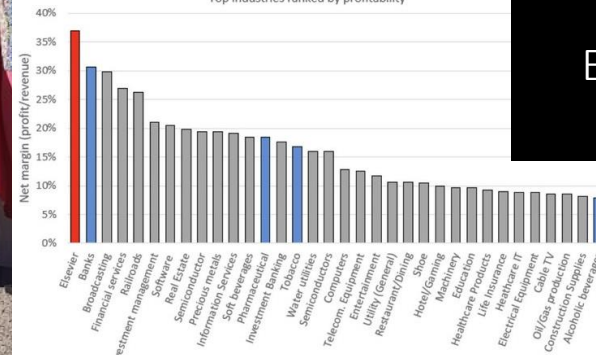
STM Global Brief 2021 – Economics & Market Size

- An STM Report Supplement

2022

(F) – Forecast

Elsevier is more profitable than any industry  
Top industries ranked by profitability



GUADAGNO NETTO ELSEVIER 36/38%

# ... un report UK

Jisc review of UK open access and transitional agreements finds positives, but that a full transition is not in sight

March 7, 2024

Jisc

**A review of transitional agreements in the UK**

March 2024

72  
ANNI??????  
??????????  
???

It is perhaps not surprising, then, to see the low rates of journals being flipped to fully OA. Several publishers flipped some of their TA titles (although generally less than 10%), but about two-thirds are estimated to have flipped no journals at all. At the rate observed in the review, the 'big five' publishers would take more than 72 years to flip their TA titles.

# Le Conclusioni del Consiglio:

 Council of the European Union	Brussels, 23 May 2023 (OR_en)
<b>May 23, 2023</b>	9616/23
	RECH 190 EDUC 169 PI 77 DIGIT 96
<b>OUTCOME OF PROCEEDINGS</b>	
From:	General Secretariat of the Council
On:	23 May 2023
To:	Delegations
No. prev. doc.:	8827/23
Subject:	High-quality, transparent, open, trustworthy and equitable scholarly publishing - Council conclusions (approved on 23 May 2023)

16. ENCOURAGES Member States and the Commission to invest in and foster interoperable, not-for-profit infrastructures for publishing based on open source software and open standards, in order to avoid the lock-in of services as well as proprietary systems, and to connect these infrastructures to the EOSC;

INCORAGGIA GLI STATI MEMBRI E LA COMMISSIONE A FINANZIARE LO SVILUPPO DI INFRASTRUTTURE NON PROFIT, OPEN SOURCE, CONNESSE A EOSC

5. NOTES that the current system of scholarly publishing is operated by various for-profit and not-for-profit organisations and RECOGNISES with concern that the increasing costs of paywalls for access to scientific publications and for scholarly publishing cause inequalities and are becoming unsustainable for public research funders and institutions accountable for the spending of public funds, decreasing funding available for research;

RICONOSCE CON PREOCCUPAZIONE CHE

1. GLI ABBONAMENTI SONO DIVENTATI INSOSTENIBILI (E TOLGONO FONDI PUBBLICI ALLA RICERCA)

2. LE APC LIMITANO LA SCELTA DELLA SEDE IN CUI PUBBLICARE; GLI ABBONAMENTI CHIUDONO I RISULTATI E LI RENDONO INACCESSIBILI

Open Science Café

Le azioni della Commissione europea per un'editoria accademica aperta e di qualità

ott.2023

Gabriella Leo, European Commission - DG R&I, Unit Open Science & Research Infrastructures  
Introduce: Elena Giglia, Università di Torino



SIA ABBONAMENTI  
SIA APC E SOSE NON  
SONO SOSTENIBILI

7. STRESSES that it is essential to avoid situations where researchers are limited in their choice of publication channels due to financial capacities rather than quality criteria, and where access to research publications is restricted by paywalls; WELCOMES coordination within the EU and with global partners to support equity in scholarly publishing, taking account of the UNESCO Recommendation on Open Science<sup>6</sup>;

...meglio cercare altrove??



# Diamond Open Access

“By strengthening the Diamond Open Access sector we are contributing to support a scholarly publishing model that is equitable, community-driven, and academic-led and -owned.



Lidia Borrell-Damián

Secretary General of Science Europe

Mar 2022

ACTION PLAN FOR  
DIAMOND  
OPEN ACCESS  
MARCH 2022

‘Diamond’ Open Access refers to a scholarly publication model in which journals and platforms do not charge fees to either authors or readers. Diamond Open Access journals represent community-driven, academic-led and -owned publishing initiatives. Serving a fine-grained variety of generally small-scale, multilingual, and multicultural scholarly communities, these journals and platforms embody the concept of biodiversity. For all these reasons, Diamond Open Access journals and platforms are equitable by nature and design.

# Un tentativo di definizione

## Diamond OA?

### A definition based on the values of our community

- **A publication:** ISSN, ISBN, DOI
- **A scholarly publication:** content is peer reviewed
- **An open access scholarly publication:** free access to content and open license
- **A “No-APC” open access scholarly publication:** no fee or membership to publish
- **A “scholar-driven or owned” “No -APC” open access scholarly publication:** publisher as a scholarly organisation or editorial independence formally guaranteed

Slide courtesy of Pierre Mounier [OPERAS conference 2024]



El Acceso Abierto vía Diamante, entendido como la publicación sin cuotas por leer ni por publicar creada y mantenida por organismos académicos y científicos; así como el Acceso Abierto vía verde, son referentes de **modelos no comerciales compatibles con el paradigma de los bienes públicos**, y son inclusivos por definición.

# Diamond Open Access



## Conclusions and Way Forward

Knowledge is our most valuable asset and a public good that must be shared widely to ensure the sustainability of our planet and future. The digital revolution provides unprecedented means to spread scientific results and ideas around the world in instant, to the benefit of all.

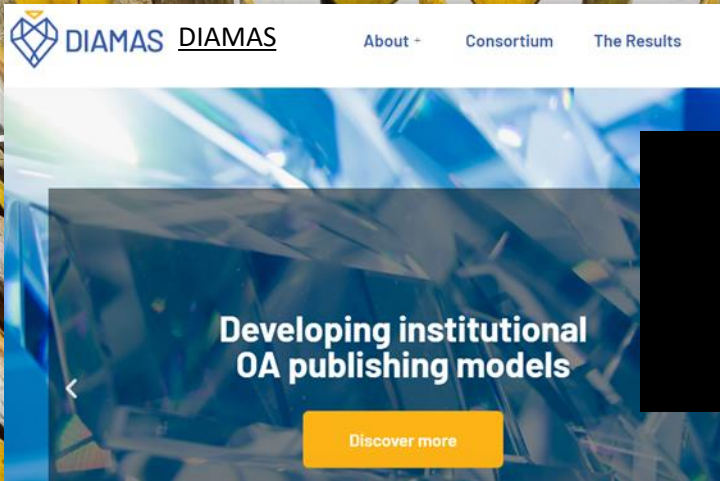
## Manifiesto sobre la Ciencia como Bien Público Global: Acceso Abierto No Comercial

ACCESSO APERTO NON COMMERCIALE, PER DEFINIZIONE INCLUSIVO, UNICA VIA VERSO LA CONOSCENZA COME BENE PUBBLICO

- 1** **Derecho universal**  
La ciencia es un bien público global y el acceso a ella es un derecho universal
- 2** **Equidad, diversidad y multilingüismo**  
La ciencia es inclusiva, multilingüe, accesible, reutilizable y colaborativa.
- 3** **Propiedad de la academia y patrimonio de la humanidad**  
La producción científica es propiedad de la academia y se debe al desarrollo y progreso de la sociedad como patrimonio de la humanidad
- 4** **Reconocimiento y valoración**  
Las entidades de acreditación, investigación y financiación deben reconocer, evaluar e incentivar los medios no comerciales de producción y circulación del conocimiento científico.
- 5** **Colaboración**  
La interacción y colaboración entre los agentes no comerciales, publicaciones científicas e infraestructuras abiertas es necesaria para la construcción de ecosistemas de bienes públicos.



# Progetti eur



CREARE UN  
«DIAMOND  
CAPACITY HUB»



## Project Objectives

- Provide the research community with an **aligned, high-quality, and sustainable OA scholarly communication ecosystem**, capable of implementing OA as a standard publication practice across the ERA.
- **Create a community, supporting services, and non-technical infrastructure for Institutional Publishing Service Providers (IPSPs)** that adopt common standards, guidelines, and best practices.
- **Common standards, guidelines, and best practices** will be co-created and adopted as an Extensible Quality Standard for Institutional Publishing (EQSIP).

«ALLINEARE»  
IN UN  
ECOSISTEMA  
DI QUALITÀ

CREARE  
COMUNITÀ E  
SERVIZI

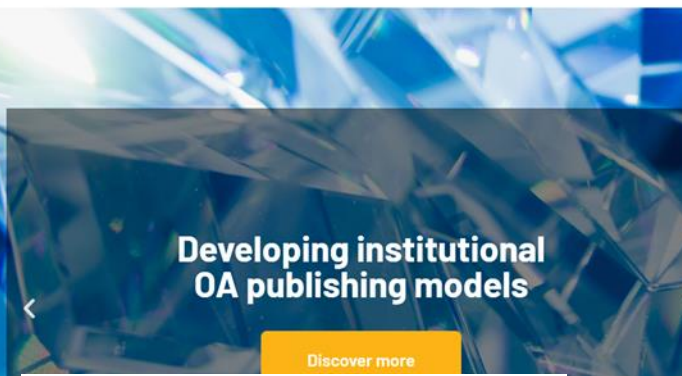
CO-CREARE  
STANDARD E  
LINEE GUIDA

The slide features the OAI13 logo and the OPERAS logo (with the tagline 'open scholarly communication in the emerging research area for social sciences and humanities'). The main title is 'Diamond OA In Europe: lessons learnt from DIAMAS and CRAFT-OA'. Below the title is the date 'OAI13 September 6 2023'. The presenters are listed as 'Margo Bargheer (University of Göttingen | SUB Göttingen)' and 'Pierre Mounier (OpenEdition | OPERAS | DOAB)'. At the bottom, there are logos for DIAMAS, CRAFT-OA, and the European Union, along with a Creative Commons license icon. On the left side of the slide, there are two small video thumbnails showing the speakers.

# Progetti europei

BUONE PRATICHE PER  
SERVIZI EDITORIALI  
ISTITUZIONALI

## Best Practices checklist for Diamond OA publishers



### Actions to take if the answer is "no"

- Adopt/amend your policy/regulations/procedures document
- Display the information on the publisher's website
- Display the information at the output (journal/book) level
- Establish a documented procedure/workflow
- Take technical action



Early impressions from the DIAMAS survey

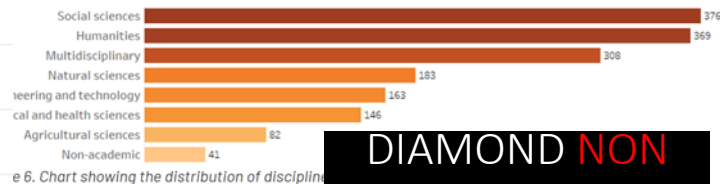


Figure 6. Chart showing the distribution of disciplines

DIAMOND NON  
SOLO NELLE  
SCIENZE UMANE

### Legal aspects and transparency

▶ Click to expand/collapse

Best practices

### Financial aspects and transparency

▶ Click to expand/collapse

### Editorial quality, editorial management and research integrity

▶ Click to expand/collapse

### Open science practice

▶ Click to expand/collapse

### Technical service efficiency

▶ Click to expand/collapse

### Visibility, indexation, communication, marketing impact

▶ Click to expand/collapse

### Equity, Diversity and Inclusion (EDI): accessibility, gender equity, multilingualism

▶ Click to expand/collapse



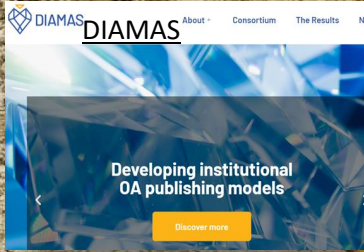
### D2.2 IPSP Dataset\_under EC review

Agnoloni, Tommaso; Bosman, Jeroen; Frantsvag, Jan Erik; Katsaloulis, Iraklis; Kramer, Bianca; De Pablo, Virginia

Column1	Column2	Column3	Column4	Column5	Column6	Column7	Column8
1	Italian	PADOVA UNIVERSITY PRESS	https://www.padovauniversita.it	Italy	Italian - English		UNIVERSITA' DEGLI STUDI DI PADOVA
5	Italian	Università di Torino	https://www.ojs.unito.it/	Italy	[No response]		Università di Torino
7	Italian	Milano University Press	https://milanoup.unimi.it/	Italy	[No response]		Università degli Studi di Milano
9	Italian	Istituto Nazionale di Geofisica e Vulcanologia	https://www.annalsofgeophysics.it	Italy	[No response]		Istituto Nazionale di Geofisica e Vulcanologia
7	Italian	Università degli studi di Messina_Messina University	https://messinaup.unime.it/	Italy	Italian - English		Università degli studi di Messina
8	Italian	FEDOAPRESS	https://www.sba.unina.it	Italy	Italian - English		UNIVERSITA' DEGLI STUDI DI NAPOLI FEDERICO II
2	Italian	Sissa Medialab srl	https://medialab.sissa.it/	Italy	English - Italian		Scuola internazionale di studi avanzati SISSA
2	English	Roma Tre-Press	https://romatrepress.uniron.it	Italy	Italian - English - French - Spanish		Roma Tre University
8	German	bu.press Bozen-Bolzano University Press	https://bupress.unibz.it	Italy	English - German - Romansch - Italian		Universitätsbibliothek Bozen bzw. Freie Universität Bozen
52	Italian	Classe di Scienze Fisiche, Matematiche e Naturali dell'Università di Padova	https://cab.unime.it/journal	Italy	English - Italian - French		Accademia Peloritana dei Pericolanti
32	Italian	ATIT - Associazione Teriologica Italiana	http://www.italian-journal-c.it	Italy	English		ATIT - Associazione Teriologica Italiana
39	Italian	Oltreoceano - Centro Internazionale Letterature Migrazioni	https://www.unid.it/it/ricerca	Italy	[No response]		Università degli Studi di Udine
40	Italian	Urbino University Press	https://uup.uniurb.it	Italy	Italian - English - Spanish - French - German		Università degli Studi di Urbino
53	Italian	Istituto per il Lessico Intellettuale Europeo e Storia Linguistica	https://www.iliesi.cnr.it	Italy	Italian - English - French - German		Consiglio Nazionale delle Ricerche
57	English	ECPCR Secretariat	https://www.genesj.org	Italy	English - German		European Cooperative Programme for Plant Genetic Resources
31	Italian	ASLERD	https://ixdea.org/	Italy	[No response]		ASLERD
33	Italian	CNR- UNITÀ EDITORIALE	https://edizioni.cnr.it	Italy	Italian - English - Spanish - French		CONSIGLIO NAZIONALE DELLE RICERCHE
36	Italian	Fondazione Università Ca' Foscari	https://edizionicafoscari.uniroma3.it	Italy	Italian - English - Spanish - French - German		Università Ca' Foscari Venezia
11	English	European Journal of Legal Studies	https://ejls.eui.eu	Italy	English - French - Italian - Spanish		European University Institute
16	Italian	Journal of science communication - Sissa Medialab	https://jcom.sissa.it/	Italy	English - Spanish - Portuguese - Italian		Scuola Internazionale Superiore di studi avanzati, SISSA
19	Italian	Pisa University Press	https://www.nisa.universitadipi.it	Italy	English - Italian		Università di Pisa

DATASET DI 650 SERVIZI  
EDITORIALI  
ISTITUZIONALI

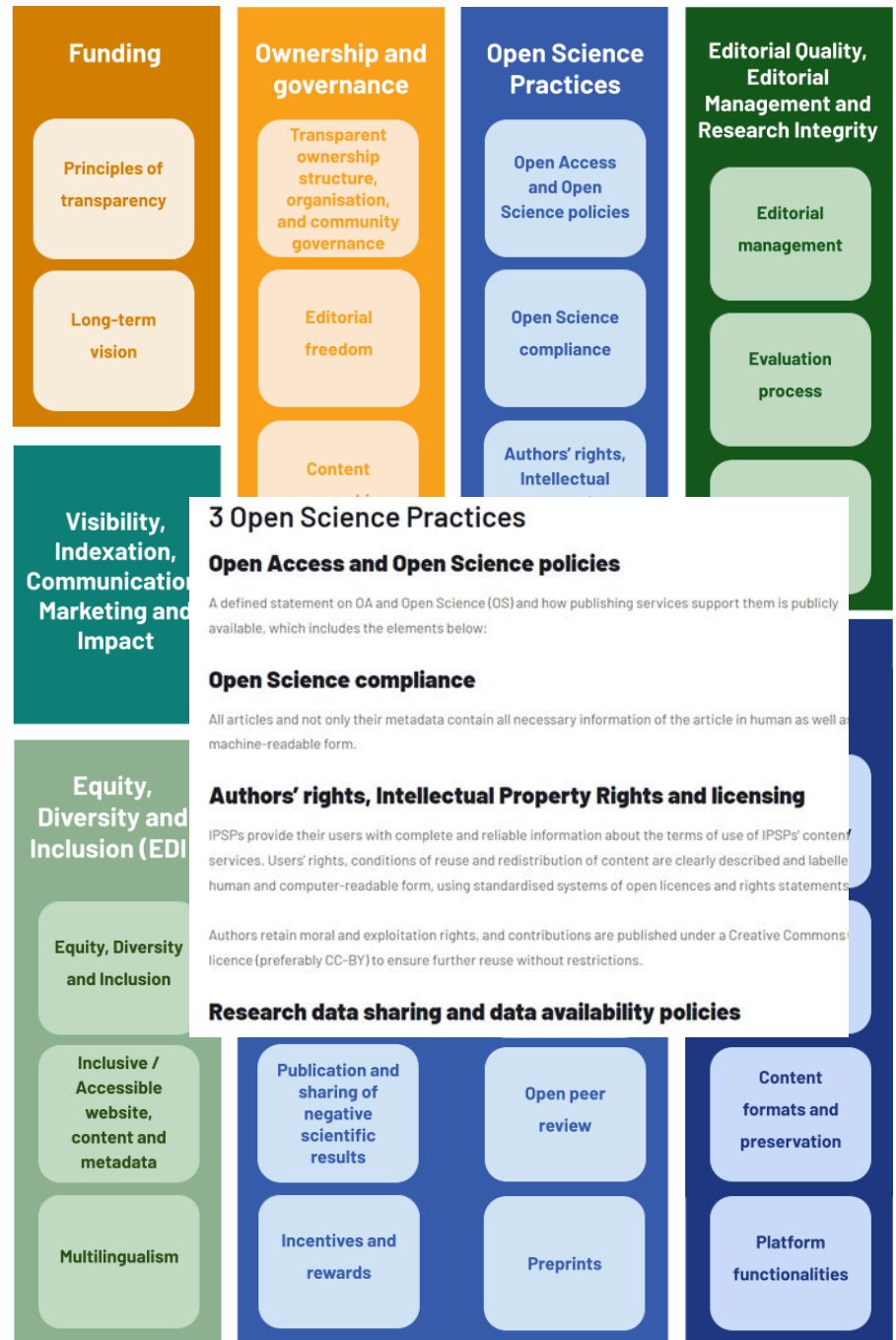
# DIAMAS



## The Extensible Quality Standard for Institutional Publishing (EQSIP)

- ELENCO DI STANDARD PER SERVIZI EDITORIALI DI QUALITÀ
  - «A TENDERE»
- ISPIRAZIONE ANCHE PER SERVIZI DA COSTRUIRE/GAP DA COLMARE

## EQSIP 1.0



# Progetti euro

## CRAFT-OA

## eosc

CRAFT-OA

# T-OA

### Our Goals

The project focuses on four threads of activities to improve the technical and organisational infrastructure of Diamond OA.



#### Provide

technical improvements for journal platforms and journal software.



#### Build

communities of practice to foster overall infrastructure improvement.



#### Increase

visibility, discoverability and recognition for Diamond OA publishing.



#### Integrate

Diamond OA publishing with EOSC and other large-scale data aggregators.

FORNIRE  
STRUMENTI PER LE  
PIATTAFORME

COSTRUIRE  
COMUNITÀ DI  
PRATICA

AUMENTARE  
VISIBILITÀ E  
RICONOSCIMENTO

INTEGRARE  
RIVISTE DIAMOND  
IN EOSC



- Open Access and Open Science are the right way forward, but not at any costs (ends don't justify all means)
- Diamond Open Access should be stronger, institution-funded publishing infrastructure for open access publications, no author-facing charges
- Non-APC models, especially in institutional and scholar-led governance, will benefit from concerted action
- More transparency and trustworthy information needed to develop in the right direction
- Biodiversity needs networked infrastructures, shared knowledge and curiosity for proven solutions outside of the mainstream
- Horizontal integration of fragmented publishing ecosystems as a prerequisite for vertical integration such as EOSC

OAI13

CRAFT-OA

Funded by the European Union

### STANDARD PER PUBBLICAZIONI ALLA LUCE DEI PRINCIPI FAIR (BASE PER GAP ANALYSIS)

publishing  
events in

CRAFT-OA

eosc  
2023

D3.1

Report on standards for best publishing practices and technical requirements in light of the FAIR principles

Submission Date  
2023.06.30

Version 1.0 – Submitted version

PU	Public	X
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# ... e fate un confronto...



2022

Capacity building in  
Diamond Open  
Access

Arianna Becerril García

redalyc.org | melCA

Diamond Open Access Conference  
19, 20 September, 2022.

## 4. Diamond OA should regain its place in research assessment

- Data normalization
- Available data sources for comprehensive research assessment
- Quantitative indicators
- Qualitative views of its contribution to the communication of science



The contribution of Diamond OA to universities and countries in the dissemination of science must not be ignored when commercial solutions are being negotiated.

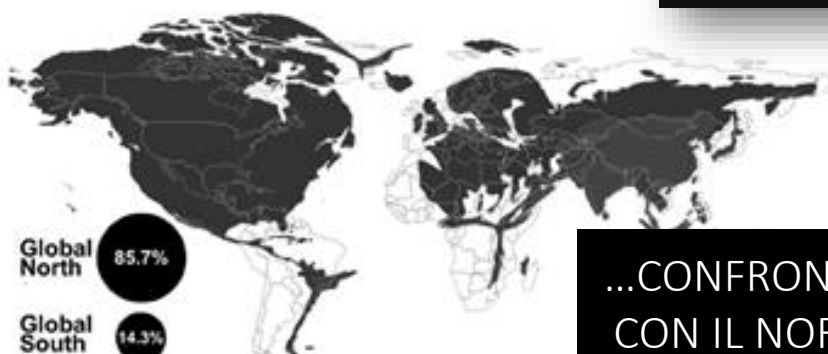
Map of co-authorship in diamond OA journals (1.9 million author records)  
Source: Redalyc 2022

redalyc.org | melCA

unesco Dec. 2023

### Open Science Outlook 1

Status and trends around the world



...CONFRONTO FRA LA MAPPA  
CON IL NORD IPERTROFICO E  
LA RICCHEZZA DI CO-  
AUTHORSHIP IN DIAMOND OA

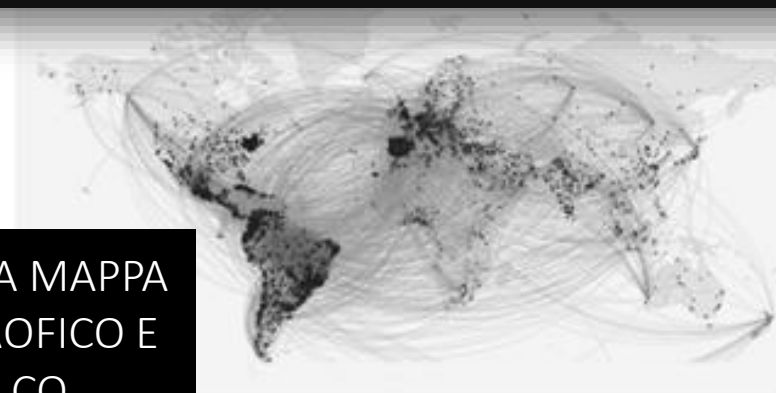


Figure 2.8. (A) Weighted cartogram of Scopus-authorship by region, 2022. Source: Eduardo Aguado López and Arianna Becerril García using data from (A) SJR-Scopus and (B) Redalyc, CC BY-NC-SA\*

OpenAIRE  
Episciences

Service:

Guides for OpenAIRE Services

# Episciences

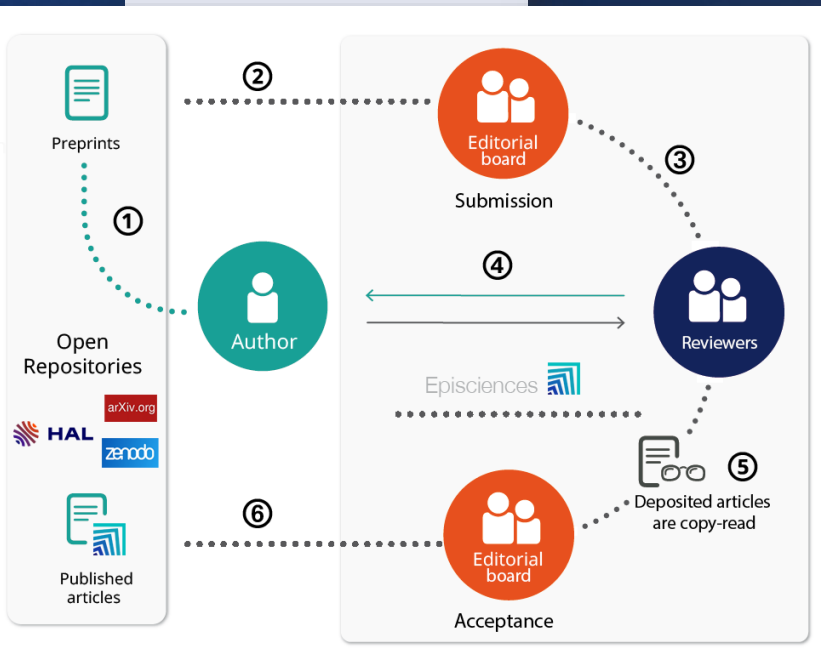
Overlay Journal Platform

## What it does

Episciences offers an overlay journal model

- Operating on top of Open Access repositories
  - single-blind review
  - open peer-review
- Ensuring that all versions remain available online
  - During the whole publication process
  - If the journals disappears or moves, updates are still possible on journal/repository

# We are the Open Library of Humanities.



F1000Research 2019

BROWSE GATEWAYS & COLLECTIONS HOW TO PUBLISH ABOUT

Home » Browse » Open laboratory notebooks: good for science, good for society, good...

Check for updates

OPINION ARTICLE

**REVISED** Open laboratory notebooks: good for science, good for society, good for scientists [version 2; peer review: 2 approved, 1 approved with reservations]

Matthieu Schapira<sup>1,2</sup>, The Open Lab Notebook Consortium, Rachel J. Harding<sup>1</sup>

labarchives™ Better Science

Products Enterprise Integrations Support

## Lab notebook for Humanities

### Using an ELN for Humanities

by Olivia Sisson | May 21, 2020 | Data Management, Research | 0 comments

Search Notebook powered by labarchives™

The Age of Steel

Escape from the Cybermen | The Age of Steel

# OPEN LAB NOTEBOOKS

EPISCIENCES / OPENAIRE

- OVERLAY JOURNAL
- PREPRINT+OPEN PEER REVIEW

# C'è tutto un mondo intorno / 2

<https://peercommunityin.org/>

## Peer Community in

PCI, a free recommendation process of scientific preprints based on peer reviews and a journal

«CONSTRUCTIVE  
FEEDBACK»  
«SCIENCE MORE  
EQUITABLE, TRANSPARENT  
AND COLLABORATIVE»

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### Open preprint reviews. For all researchers.

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data, script  
and code  
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repository



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by researchers  
in your field



#### VALIDATE

your article with a  
published,  
free and citable  
recommendation  
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#### PUBLISH

for free in Peer  
Community Journal  
or submit to a  
PCI-friendly  
or other journal

Following submission by authors, the **thematic PCIs** evaluate preprints in their scientific fields based on rigorous peer review. After evaluation, the PCIs may recommend those preprints, to make them complete, reliable and citable articles, without the need for publication in 'traditional' journals. Authors who need to publish their article in a journal can publish it for free in **Peer Community Journal** or submit it to a **PCI-friendly** or other journal.

### For underserved researchers

We support and empower diverse and historically excluded communities of researchers (particularly those at early stages of their career) to find a voice, train, and engage in peer review.

### A better way

Making science and scholarship more equitable, transparent, and collaborative

[Our mission >](#)

UN WORKFLOW  
APERTO DI  
PUBBLICAZIONE



PAUSA!