

Open Science in pillole



Elena Giglia

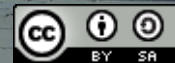
Università Siena, 13 ottobre 2020



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[@egiglia](https://twitter.com/egiglia)

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La strada davanti a noi

Open Science: perché serve

Open Science in Horizon Europe

Perché occuparsi di dati, nell'era di EOSC

Dati gestiti correttamente, dati FAIR, dati Open

Open Science, Open Innovation, EOSC, FAIR data: esserci!

...perché dovrebbe interessarci?



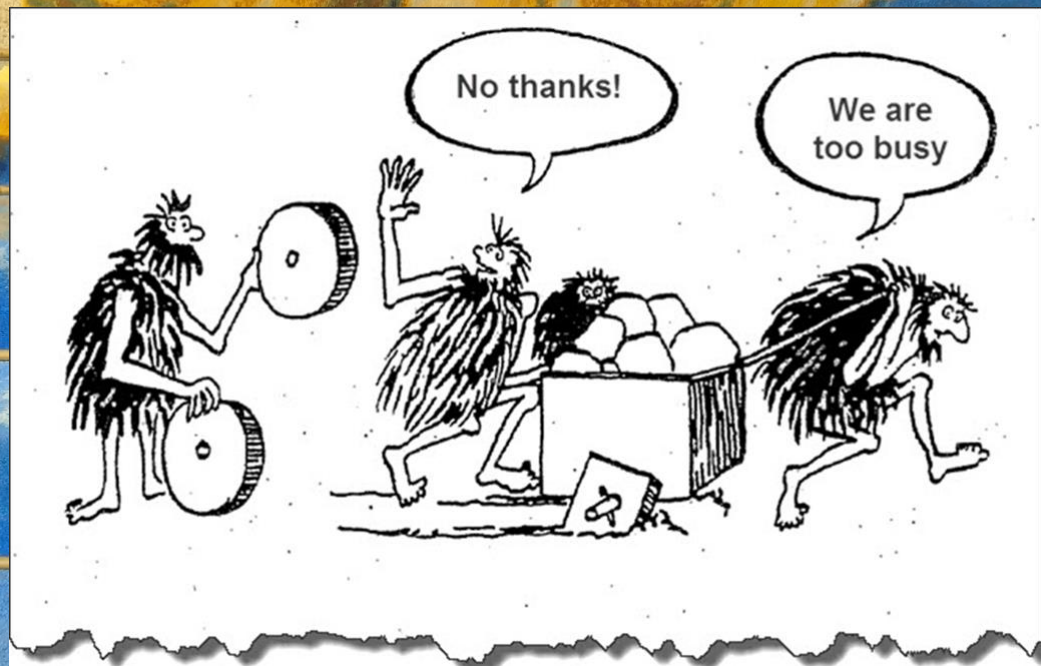
Excellence – aspects to be taken into account.

- Clarity and pertinence of the project's objectives, and the extent to which the proposed work is ambitious, and goes beyond the state of the art.
- Soundness of the proposed methodology, including the underlying concepts, models, assumptions, interdisciplinary approaches, appropriate consideration of the gender dimension in research and innovation content, and the quality of open science practices, including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate.

Application template

OPEN SCIENCE È UN METODO.
QUINDI VERRÀ **VALUTATA** EX ANTE NELLA SEZIONE
«**ECCELLENZA SCIENTIFICA**» DELLA PROPOSTA
(E PER LA SOLIDITÀ DEL CONSORZIO)

Due parole sulla Open Science



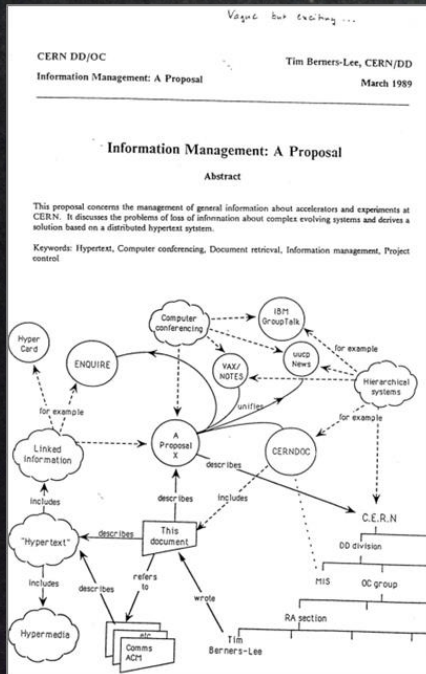
SE NON SI RAGIONA SUL
REALE VALORE E IL POTENZIALE TRASFORMATIVO
DELLA OPEN SCIENCE, LA VEDRETE SOLO COME
L'ENNESIMO FARDELLO AMMINISTRATIVO

Il migliore esempio di Open Science?

"Vague but exciting"



www.cern.ch



«Comunicazione scientifica»?

raise questions about the way science-as-usual is practised.

Vincent Larivière is an information scientist and professor at the University of Montreal, who studies the way science is disseminated. He said the move to speed up publication and share research is a tacit admission that business-as-usual in research slows down science.

"[They say] we're opening everything because it's important that we advance things fast. Well, the flip side of this argument is that your normal behaviour is to put barriers to science."

"This virus is dangerous and deadly, but there's lots of other diseases that are dangerous and deadly, and for which opening could save lives. So if you really want to go in that direction, just open everything."



University of Montreal researcher Vincent Larivière said the current climate of open science suggests that science-as-usual creates barriers. (Amélie Philibert)

Health · Second Opinion

'We're opening everything': Scientists share coronavirus data in unprecedented way to contain, treat disease
Feb.1, 2020

...GLI SCIENZIATI **ADESSO**
STANNO APRENDO DATI E
ARTICOLI SU COVID-19...

**SIGNIFICA CHE IL
COMPORTAMENTO
«NORMALE» INVECE È
QUELLO DI METTERE
BARRIERE ALLA
CONOSCENZA**

nature

Feb 4, 2020

Subscribe

EDITORIAL · 04 FEBRUARY 2020

Calling all coronavirus researchers: keep sharing, stay open

As the new coronavirus continues its deadly spread, researchers must ensure that their work on this outbreak is shared rapidly and openly.

...cosa ci ha insegnato il COVID?



SOLO COLLABORANDO SI TROVA
UNA SOLUZIONE
ALL'EMERGENZA

Now Is the Time for Open Access Policies—Here's Why



Victoria Heath and Brigitte Vézina
March 19, 2020

March 19, 2020

We find ourselves at a pivotal moment in history—we must cooperate effectively to respond to an unprecedented global health emergency. The mantra, “when we share, everyone wins” applies now more than ever.

The Value of RDA for COVID-19

RDA

[Home](#) » [Get involved](#) » [The Value of RDA for...](#) » [The Value of RDA for COVID-19](#)

📅 13 July 2020 | 📖 16426 reads | 📘 Facebook | 🐦 Twitter



Under public health emergencies, and particularly the COVID19 pandemic, it is fundamental that data is shared in both a timely and an accurate manner. This coupled with the harmonisation of the many diverse data infrastructures is, now more than ever, imperative to share preliminary data and results early and often. It is clear that open research data is a key component to pandemic preparedness and response.

SERVONO I DATI
[FAIR BY DESIGN]
(E NON SOLO LA
SINTESI FINALE
SOTTO FORMA DI
ARTICOLO)



Comunicazione scientifica oggi...

... PAGHIAMO GLI EDITORI COMMERCIALI PERCHÉ
METTANO SOTTO CHIAVE IL CONTENUTO CREATO
CON **FONDI PUBBLICI** DA **AUTORI NON PAGATI** E
CERTIFICATO DA **REVISORI NON PAGATI**...

**The purpose of publications
in a pandemic and beyond**

distinction than dissemination. And when it comes to a global
emergency, we're still having to [beg publishers for access to our
own research](#) so that we might save large swathes of the human
Apr. 22, 2020

E DURANTE LA PANDEMIA DOBBIAMO PREGARLI PER
AVER ACCESSO ALLE NOSTRE RICERCHE...

...editori e COVID

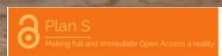


Heather Joseph @hjoseph

Unreal. Acknowledging that making these papers [#openaccess](#) will help speed progress and save lives but at the same time only doing it for limited time - and for a single disease.

IRREALE. SANNO CHE SALVANO VITE
MA APRONO

- SOLO PER UNA MALATTIA
- E PER UN TEMPO LIMITATO



NON SAPPIAMO QUALE RICERCA CHE RESTA
CHIUSA OGGI
POTREBBE ISPIRARE SOLUZIONI E IDEE
DOMANI...NESSUN LOCKDOWN PER LA RICERCA

SOLO CORONAVIRUS?
ALZHEIMER, CANCRO,
CAMBIAMENTO CLIMATICO,
VIOLENZA SULLE DONNE
SONO MENO
IMPORTANTI?...

SI RENDONO CONTO CHE L'ACCESSO
IMMEDIATO SALVA VITE...

March 13, 2020

NEWS RELEASE



- Provide [immediate free access to all relevant peer-reviewed publications](#) to ensure that for the duration of the outbreak, research and data quickly reaches the widest possible audiences. More than 32,000 articles, chapters, and other resources related to COVID-

... se non avessimo problemi di
accesso Sci-Hub non esisterebbe



Science Home News

Who's downloading pirated papers? EVERYONE

In rich and poor countries, researchers turn to the Sci-Hub website.

2016



Bernard Rentier

@bernardrentier

Following

The single fact that providing free information on universal Science is illegal tells us a lot about how absurd it has become, in the Internet era, to rely on the old research publication model. [#FreeOpenAccessNow](#)

Jon Tennant  @Protohedgehog

Oh wow. Looks like anyone can now create their own @sci_hub mirror github.com/bsidio/sci-hub You can use this to help accelerate research and society by providing free access to millions of research articles. But it's probably illegal, so don't do it.

 Traduci il Tweet

08:37 - 10 mag 2018

2018

Comunicazione scientifica. Qualche cifra

4

VOLTE PER CUI OGNI ENTE
PAGA LA RICERCA

For researchers, it's like going to a restaurant, bringing all of your own ingredients, cooking the meal yourself, and then being charged \$40 for a waiter to bring it out on a plate for you.

You are the provider, the product, and the consumer.
J. Tennant, 2018

STIPENDIO

FONDI RICERCA

SI PUBBLICANO I RISULTATI

ABBONAMENTI

2 milioni €

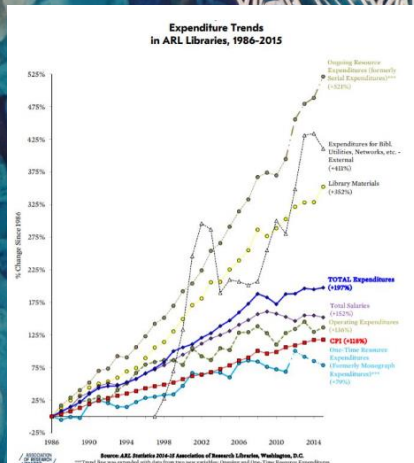
DIRITTI DI RIUSO

521%

AUMENTO DEI PREZZI DELLE
RIVISTE 1986-2015

INDOVINATE: I BUDGET
BIBLIOTECA SONO
CRESCIUTI 521%?

TAGLI, TAGLI, TAGLI



Comunicazione Qualche cifra



OGGI LEGGERE
NON È GRATIS

7.6 miliardi \$

[SOTTOSTIMATO] CIFRA SPESA GLOBALMENTE
PER ABBONAMENTI 2016

IN REGIME DI
ABBONAMENTO
PAGHIAMO
3800/5000 €
PER ARTICOLO

36%

GUADAGNO NETTO ELSEVIER

SOLO CHE
PAGHIAMO PER
CHIUDERE

Profit	Company	2018	Industry
10%	BMW		automobiles
23%	Rio Tinto		mining
25%	Google		search
29%	Apple		premium computing
35%	Springer		scholarly publishing
37%	Elsevier		scholarly publishing

Science

A new mandate highlights costs, benefits of making
all scientific articles free to read

Jan 1, 2021



Eloy Rodrigues

20 h ·

By Jeffrey Brainard | Jan. 1, 2021, 12:01 AM

This is the publishers perspective (from the concluding paragraphs):

"The journal publishing industry's annual revenues of about \$10 billion represent less than 1% of total global spending on R&D—and, in this view, it's reasonable to divert more of the total to scholarly communications that are essential to making the entire enterprise run."

So it doesn't matter if there is growing evidence that we could have a much better scholarly communication system (more efficient, more innovative, more inclusive, more transparent and self-correcting) for a fraction of this \$10 billion. Let's focus on maintaining the current system, and especially the current big commercial companies that benefit from it, even if we (research institutions, governments and their taxpayers) need to use more resources to feed it. Right?

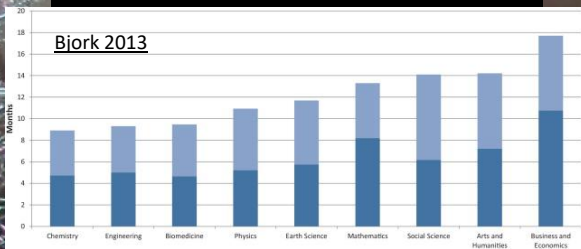
Wrong!

...10 MILIARDI (2020)
SONO SOLO 1%, NE
VORREBBERO ALTRI...

Cosa otteniamo in cambio?

TEMPI MEDI DI PUBBLICAZIONE

Bjork 2013



9-18 MESI

AUMENTO DELLE AUTOCITAZIONI IN ITALIA

Tweet

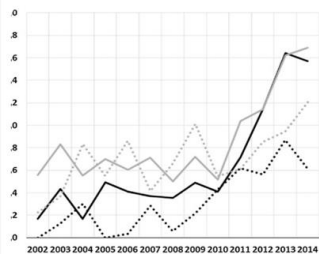
March 2018



Jelte Wicherts
@JelteWicherts

Gaming the system: When in 2010 Italian universities incorporated citations in promotion decisions, self-citation rates among social scientists went up by 81-179%

sciencedirect.com/science/article...



Research Policy
journal homepage: www.elsevier.com/locate/rispol

Self-citations as strategic response to the use of metrics
Marco Seebacher^{a,*}, Mattia Cattaneo^b, Michele Meoli^c, Paolo Malighetti^d

^a Department of Sociology, Ghent University, Korte Meer 3, 9000 Ghent, Belgium
^b Department of Engineering, University of Bergamo, Via Paolo 79, 24045 Dalmine, BG, Italy

ARTICLE INFO

Keywords:
Self-citation
Peer production
Incentives in science
Strategic response
Sociology of science
Economics of science

ABSTRACT

There is limited knowledge on the extent to which questionable practices, namely practices that ch...

179%

70%

43%



Paola Masuzzo
@pcmasuzzo

Today I witnessed the celebration of a research article published in a (famous & glam) journal after 2 and a half years of revisions. I do feel happy for the authors, of course, but I cannot help wondering what's there to celebrate in such a slow scientific dissemination process.

Traduci il Tweet

6:58 PM · 9 mag 2019 · Twitter for Android

P.Masuzzo, Sept. 2019

Home + Research + Research projects
'The Turing Way' - A handbook for reproducible data science

Developing a handbook for best practice in academic data science

RICERCHE NON RIPRODUCIBILI

nature

Home | News & Comment | Research | Careers & Jobs | Current Issue | Archive | Audio & Video
Archive | Volume 533 | Issue 7604 | News Feature | Article

NATURE | NEWS FEATURE

Nature 2016

1,500 scientists lift the lid on reproducibility

Survey sheds light on the 'crisis' rocking research.

[Houston, abbiar

No academic post for fraudster Diederik Stapel, after all

Recently, we reported that social psychologist and renowned data faker Diederik Stapel had found himself a new gig supporting research at a vocational university in the Netherlands — but it appears that was short-lived.



Diederik Stapel

According to multiple news reports, NHTV Breda will not be employing Stapel, after all.

Here's our Google translate of a portion from *De Telegraaf*: [Continue reading](#) →

Does scientific misconduct cause patient harm? The case of Joachim Boldt

2013

The Retraction Watch

<https://retractionwatch.com/>

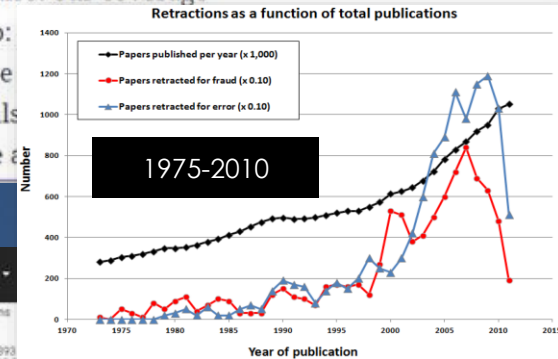
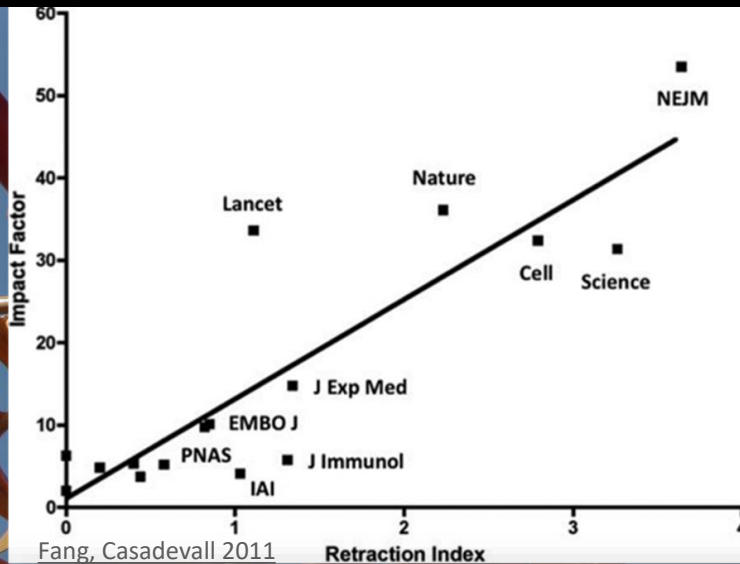
Retraction Watch

Tracking retractions as a window into the scientific process

Who has the most retractions? Here's our unofficial list (see notes on methodology), which we'll update as more information comes to light:

1. Yoshitaka Fujii (total retractions: 183) See also: [Final report of investigating committee](#), [our reporting](#), [additional coverage](#)
2. Joachim Boldt (136) See also: [Editors-in-chief statement](#), [our coverage](#)
3. Yoshihiro Sato (102) See also: [our coverage](#)
4. Jun Iwamoto (78) See also: [our coverage](#)
5. Ali Nazari (62) See also: [our coverage](#)
6. Diederik Stapel (58) See also: [our coverage](#)
7. Yuhji Saitoh (53) See also: [our coverage](#)
8. Adrian Maxim (48) See also: [our coverage](#)

CORRELAZIONE DIRETTA #RETRACTIONS/IMPACT FACTOR



Science

Science 36 Oct 2018:
Vol. 362, Issue 6413, pp. 390-393
DOI: 10.1126/science.362.6413.390

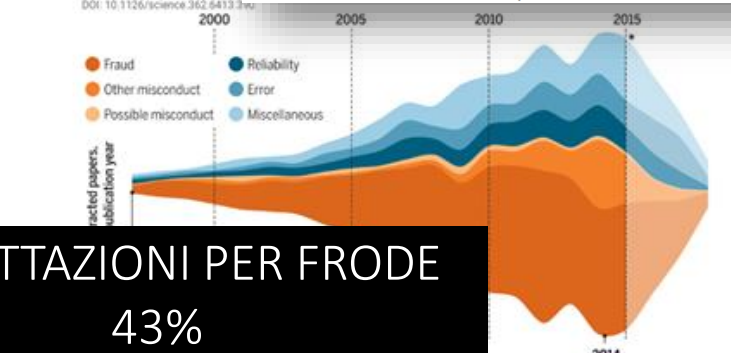
ROYAL SOCIETY
OPEN SCIENCE

rsos.royalsocietypublishing.org

The natural selection
of bad science

P. Smaldino, 2016

RITRATTAZIONI PER FRODE
43%



All retractions: 62
Fraud: 29

All retractions: 419
Fraud: 252

All retractions: 946
Fraud: 411

J. Brainard, [Rethinking retractions](#), Science 2018

... perché valutazione = ossessione

Lincei 2021, Illetterati 1.43'

Agli scienziati non basta più pubblicare i propri lavori. È imperativo che il lavoro pubblicato sia collocato in uno scaffale editoriale che gli conferisca prestigio e influenza. Questa tensione per l' impatto di quanto si pubblica colloca gli articoli scientifici al centro di una rete di metriche che guardano tipicamente a dove si pubblica e a quante volte il lavoro viene citato. Ottenere un buon punteggio attraverso l' applicazione di queste metriche diventa un obiettivo che gli scienziati e gli editori sono disposti a raggiungere barando.



ROMA

L'esperienza della valutazione della ricerca in Italia: un primo bilancio" - sessione mattutina

THE
ROYAL
SOCIETY

The future of
scholarly scientific
communication
2015
Conference 2015

LA VALUTAZIONE È DIVENTATA UN'OSSESSIONE

- «not only are we failing to provide the right incentives, we are providing perverse ones»
- Goodhart's law: «when a measure becomes a target, it ceases to be a good measure»
- «people game the system at every level»



Valutazione

SE ABBIAMO CREATO UNA GENERAZIONE DI RICERCATORI CHE PENSANO SOLO ALLA GLORIA DI UN ARTICOLO IN RIVISTE PRESTIGIOSE E NON A FARE BUONA RICERCA CHE CAMBI IL MONDO, SIAMO NEI GUAI

The virus is reminding us that the purpose of scholarly communication is not to allocate credit for career advancement, and neither is it to keep publishers afloat. Scholarly communication is about, well, scholars communicating with each other, to share insights for the benefit of humanity. And whilst we've heard all this before, in a time of crisis we realise afresh that this isn't just rhetoric, this is reality.

the coffin will be closed?!" If we've created a generation of scholars who are just in it for the glory of papers in glamorous journals, and not to do good research that changes the world a little bit, then we really are in trouble.

WONKHE ABOUT US • EVENTS • LATEST • JOBS • SUBSCRIPTION • SUS • Q

Apr. 22, 2020

**The purpose of publications
in a pandemic and beyond**

... la valutazione è il problema

VALUTAZIONE CON I CRITERI ATTUALI

- PRODUCE COMPORTAMENTI ADATTIVI
- PROMUOVE LA COMPETIZIONE INVECE DELLA COLLABORAZIONE
- MANTIENE IL SISTEMA INEFFICACE DELLE RIVISTE «PRESTIGIOSE»
PAGATE A CARO PREZZO
- IMPEDISCE DI RICONOSCERE «PEZZI» DI RICERCA QUALI DATI,
CODICE, BLOGS...

International Science Council

metrics designed to assess the importance and impact of research as an aid to evaluation, with publication outputs in traditional scientific journals being the major focus. These metrics in turn affect the behaviour of researchers, such as their choice of journals, as they seek to maximize their performance as measured by the metrics used. They can contribute to the maintenance of high journal prices, promote intense competition rather than openness and sharing, and fail to recognize research contributions such as the production of datasets, software, code, blogs, wikis and forums.

ICSU 2014

[Research Integrity?]



2. A research system that is reliable, transparent and trustworthy. To achieve this, Member States should agree to coordinate a series of workshops to research, develop, implement, test and share a minimum set of community-based standards of research integrity, specific to different disciplines where relevant. In particular, they should ensure there is training, support, monitoring and appropriate enforcement of research integrity standards for researchers at publicly funded institutions and in the practice, communication and/or publication of Open Science outputs of publicly funded research.

LA VALUTAZIONE HA UN FORTE LEGAME CON INTEGRITÀ
...CON I CRITERI ATTUALI VIENE VALUTATO SOLO IL PRODOTTO FINALE
NON IL PROCESSO DELLA RICERCA
...INVECE È LÌ CHE SI VALUTA L' INTEGRITÀ DELLA RICERCA
VALUTARE TUTTI I PASSAGGI (COME SI PROCESSANO I DATI, IL METODO,
I PROTOCOLLI...) NON SOLO L'ARTICOLO FINALE

... per questo serve la Open Science

Open Science

'Open Science' stands for the transition to a new, more open and participatory way of conducting, publishing and evaluating scholarly research. Central to this concept is the goal of increasing cooperation and transparency in all research stages. This is achieved, among other ways, by sharing research data, publications, tools and results as early and open as possible.

Qeios

Open Access | Lic. Info | Cite

<https://doi.org/10.32388/838962>

Open Science

Open Science leads to more robust scientific results, to more efficient research and (faster) access to scientific results for everyone. This results in turn in greater societal and economic impact.

<https://www.accelerateopensecience.nl/what-is-open-science/>



Jeff Rouder

@JeffRouder

What is Open Science? It is endeavoring to preserve the rights of others to reach independent conclusions about your data and work.

Traduci il Tweet

21:47 - 5 dic 2017

Open Science Depends on Open Minds



Neelie Kroes ✓

Iscriviti 851



Open Science @openscience · 5 h

"Being open and transparent is an ongoing practice and not a check box at the end." - @biocrusoe #openscience

13 8

Open
Science

=

Open Outputs + Open Infrastructure

X Culture
(change)

Access, reuse &
discoverability

Evaluation &
Researcher behaviour

...Open Science è




Open Science

PERSPECTIVE ARTICLE [Provisionally accepted](#) [The full-text will be published soon](#) [Notify me](#)

Front. Big Data | doi: 10.3389/fdata.2019.00043

[Nov.2019]

Open science, open data and open scholarship: European policies to make science fit for the 21st century

Jean-Claude Burgelman^{1*},  Corina Pascu^{2*}, Katarzyna Szkuta³, Rene Von Schomberg⁴, Athanasios Karalopoulos⁵, Konstantinos Repanas⁶ and Michel Schoupe¹

Commission européenne
Europese Commissie

DA «PUBBLICARE» A
«CONDIVIDERE LA CONOSCENZA»

Open science (or in fact, open scholarship) has shifted the prime focus of researchers away from publishing toward knowledge sharing.

Open science will make science more efficient, reliable, and responsive to societal challenges. The European Commission

OPEN
SCIENCE=
ACCELERATORE

SUSTAINABLE
DEVELOPMENT **GOALS**
17 GOALS TO TRANSFORM OUR WORLD



INNOVAZIONE



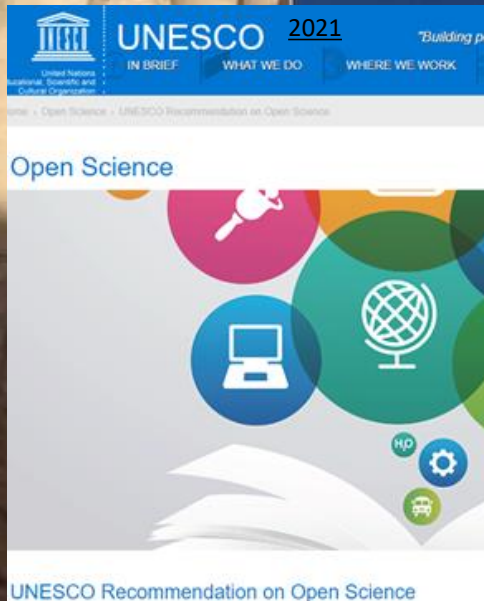
Feb.4, 2021

eua
EUROPEAN
UNIVERSITY
ASSOCIATION

Universities without walls
A vision for 2030



OECD data



Oct. 27, 2020

Joint Appeal for Open Science UNESCO, WHO, HCHR, CERN



Acknowledging that Open Science should not only foster enhanced sharing of scientific knowledge solely among scientific communities but also promote inclusion of scholarly knowledge from traditionally underrepresented or excluded groups (such as women, minorities, Indigenous scholars, scholars from less advantaged countries and low-resource languages) and contribute to reducing inequalities in access to scientific development, infrastructures and capabilities among different countries and regions,¶

Open Science

«PRODOTTO DELLA RICERCA»: NON SOLO LA SINTESI FINALE (ARTICOLO) MA TUTTO IL PROCESSO

RIDEFINIRE «ECCELLENZA»: NUOVI VALORI SONO INCLUSIONE, DIVERSITÀ

recognize that formal papers and manuscripts are not the only units of scientific knowledge



redefine research excellence towards values: leadership, diversity work, mental health support



RIPORTARE LA SCIENZA AL CENTRO DELLA SOCIETÀ

invest in tools, services, and community-driven initiatives to help make science better by engaging more people to participate in the process



tell it like it is: redefine failure, nurture slower, responsible science, shift the focus from the outputs to the practice



INVESTIRE IN STRUMENTI PARTECIPATIVI

RACCONTATELA COM'È: SI FALLISCE. FOCUS DAL PRODOTTO AL PROCESSO



Oct.5, 2020

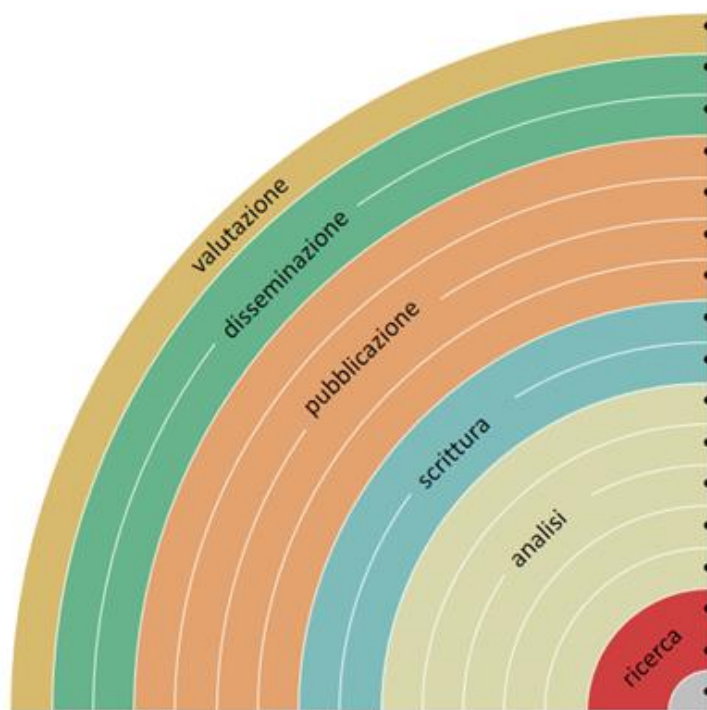
@pcmasuzzo



K-SA

Come rendere Open ogni passo della ricerca...

OS rainbow



- aggiungendo misure di impatto alternative, es. [altmetrics](#)
- comunicando sui social media, es. [Twitter](#)
- condividendo poster e presentazioni, es. su [FigShare](#)
- utilizzando licenze aperte, es. [Creative Commons BY](#)
- depositando in [archivi](#) o pubblicando su [riviste Open](#)
- provando la open peer review, es. [PubPeer](#) o [F1000](#)
- condividendo preprints, su [OSFpreprint](#), [arXiv](#) o [biorXiv](#)
- con formati leggibili dalle macchine, es. [Jupyter](#) o [CoCalc](#)
- con la scrittura collaborativa, es. [Overleaf](#) o [Authorea](#)
- condividendo protocolli e workflow, es. su [Protocols.io](#)
- condividendo note di laboratorio, es. [OpenLabNotebook](#)
- condividendo software, es. su [GitHub](#) con licenza [GNU/MIT](#)
- condividendo i dati, es. su [Dryad](#), [Zenodo](#) o [Dataverse](#)
- pre-registrando esperimenti, es. [OSFregistry](#) o [AsPredicted](#)
- commentando pagine web, es. su [Hypothes.is](#) o [Pund.it](#)
- usando bibliografie condivise, es. su [Zotero](#)
- condividendo progetti di ricerca, es. su [RIO Journal](#)



Bianca Kramer & Jeroen Bosman <https://101innovations.wordpress.com>

DOI: 10.5281/zenodo.1147025

Traduzione: Elena Giglia



DOI: 10.5281/zenodo.1195648

OSFHOMES

Open Science in pratica Files Wiki Analytics Registrations

Open Science in pratica

Contributors: Elena Giglia

Forked from osf.io/yxesw/ on 2021-02-12 09:45 AM

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

Category: NO Project

SI PUÒ FARE SEMPRE!

NONOSTANTE I CRITERI ATTUALI DI VALUTAZIONE.
ANZI... **HORIZON EUROPE** RICHIEDE DI DECLINARE QUESTE
PRATICHE NELLA «**ECCELLENZA SCIENTIFICA**»

I nuovi giocatori.



Ministero dell'Università e della Ricerca
PNR 2021-2027

Home

Ministero ▾

Aree tematiche ▾

Atti e normativa ▾

Siti di interesse

Home | Aree tematiche | Ricerca | Programmazione | Programma nazionale per la ricerca

Programma nazionale per la ricerca

6.2 IL PIANO NAZIONALE PER LA SCIENZA APERTA

6.2.1 Introduzione

Per “scienza aperta” si intende un nuovo paradigma per la creazione della conoscenza scientifica basato su trasparenza e cooperazione, capace di potenziare la ricerca e l’insegnamento scientifico. Esso promuove la condivisione di conoscenza rimuovendo le barriere create dalle gabbie editoriali e dai rigidi ambiti disciplinari, accresce l’efficacia della collaborazione e la riproducibilità dei risultati della ricerca, la possibilità di nuove analisi anche di tipo interdisciplinare, nonché la fruibilità del sapere scientifico generando

Per “accesso aperto” all’informazione scientifica si intende la possibilità di reperire in rete le pubblicazioni, i dati e i metadati che li rendono fruibili, e ogni altro risultato della ricerca e dell’insegnamento scientifico e senza barriere giuridiche e tecniche.

I principi della scienza aperta sono:

- la conoscenza come bene comune;
- la collaborazione e la solidarietà tra scienziati nonché tra scienziati e cittadini;
- la possibilità per tutti di accedere ai risultati della ricerca scientifica;
- la trasparenza del processo e dei contributi usati per la produzione e la validazione dei risultati;
- la disponibilità gratuita e con diritti di riuso, in rete, dei risultati della ricerca e dell’insegnamento scientifico;
- il rigore scientifico, la riproducibilità dei risultati sperimentali, la discussione critica dei dati, delle

PIANO NAZIONALE SCIENZA APERTA

4 ASSI:

1. TESTI OPEN ACCESS
2. DATI FAIR
3. VALUTAZIONE
4. COINVOLGIMENTO
COMUNITÀ DI RICERCA


Il Piano nazionale per la scienza aperta si struttura in quattro assi di intervento centrati sulle pubblicazioni scientifiche, sui dati della ricerca scientifica, sulla valutazione della ricerca e sul coinvolgimento dei ricercatori, enti di ricerca, infrastrutture per l’adozione delle pratiche di scienza aperta.

Per ogni asse viene

- presentato l’obiettivo specifico;
- fornita una panoramica sulla situazione attuale;
- enunciato il piano di intervento nel breve, medio e lungo periodo, con le azioni e le specifiche responsabilità in capo ai singoli attori coinvolti;
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National Agency for the Evaluation of
Universities and Research Institutes

anvur
Agenzia Nazionale di Valutazione del
sistema Universitario e della Ricerca

3 gen 2020

Evaluation of Research Quality

Valutazione Qualità della Ricerca

BANDO
Valutazione della Qualità della Ricerca
2015-2019 (VQR 2015-2019)

Articolo 8
Accesso Aperto (Open Access)



SI PUBBLICA IN UNA RIVISTA OPEN ACCESS
[senza abbonamento, 27% chiede spese pubblicazione]

...Houston, abbiamo un problema / 2

10 Myths around Open Scholarly Publishing
March 11, 2019

Myth 1 Preprints will get your research 'scooped' Preprints typically provide a time-stamp and a DOI, therefore establishing priority of discovery	Myth 6 Copyright transfer is required to publish and protect authors Copyright transfer procedures do not protect authors nor contribute to the advancement of scientific progress
Myth 2 JIF and journal branding are measures of quality for researchers The JIF is a flawed metrics that was never meant to be used for evaluation of research and researchers	Myth 7 Gold Open Access is synonymous with the APC business model Most DOAJ-indexed journals do not have APCs and are funded from other sources, such as research institutes and grants
Myth 3 Approval by peer review proves that you can trust a research article The current peer review system is prone to a number of flaws including corruption, human bias and ghostwriting	Myth 8 Embargo periods on 'green' OA are needed to sustain publishers Traditional journals can peacefully coexist with zero-embargo self-archiving policies on author manuscripts
Myth 4 Without journal peer review, the quality of science suffers Researchers are more than responsible and competent enough to ensure their own quality control as part of intrinsic scientific integrity	Myth 9 Web of Science and Scopus are global databases of knowledge Neither represent the sum of current global research knowledge including Africa, Latin America and Southeast Asia
Myth 5 Open Access has created predatory publishers Predatory journals have been around for a long time before the recent push towards Open Access publishing	Myth 10 Publishers add no value to the scholarly communication process Publishers are responsible for quite some key functions, from peer-review management to production and archiving of final version articles

NOT PEER-REVIEWED
Preprint: Preprint is a term for early communication or feedback before peer review. Data may be used for research purposes. Learn more about preprints or browse peer-reviewed articles instead.

Ten myths around open scholarly publishing

[Browse myths](#) [Science and Medical Education](#) [Science Policy](#)

OPEN ACCESS IN ITALIA:

- SOLO RIVISTE
- SI PAGA SEMPRE PER PUBBLICARE
- EDITORI PREDATORI

[PlanS e contratti trasformativi]

Plan S Rights Retention Strategy

<https://www.coalition-s.org/rights-retention-strategy/>

PLAN_S: TRE VIE PER ESSERE CONFORMI
+ AUTORI MANTENGONO DIRITTI
+ TRASPARENZA SUI PREZZI

Feb. 3, 2021

Plan S Principles & Implementation cOAlition S News Resources

FAQ sOApbox Contact

cOAlition S response to the STM statement: the
Rights Retention Strategy restores long-
standing academic freedoms



AISA

Associazione italiana per la promozione della scienza aperta

Accordi trasformativi: un'offerta che non si può rifiutare?

Pubblicato il 13 Luglio 2020, aggiornato il 18 Luglio 2020 da Maria Chiara Pievatolo 18 luglio 2020

TROPPO LUNGH
TROPPO ONEROSI
MANCA L'IMPEGNO
DELL'EDITORE A
TRASFORMARSI



Apr. 20, 2021

Plan S Principles & Implementation cOAlition S News Resources FAQ Blog Contact

The Rights Retention Strategy and publisher equivocation:
an open letter to researchers 9 sett 2020

Contratti trasformativi: a vantaggio di
chi?

Di Paola Galimberti - 9 Settembre 2020

contratti trasformativi durano **tre anni al massimo**

I costi dovrebbero **restare in linea** con quelli del modello subscription (con un price cap moderato)

9 sett 2020

Tutti gli articoli (**senza limite di numero**) che hanno come corrispondente un autore di una istituzione aderente al consorzio devono poter essere pubblicati ad accesso aperto

Ovviamente i contratti trasformativi dovrebbero anche contenere un **esplicito impegno dell'editore a trasformarsi** entro la fine del contratto.

In Italia i contratti trasformativi per ora proposti non sembrano riprendere nessuno di questi punti, prevedendo tra l'altro un consistente incremento dei costi.

...non solo testi

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15 September 2015

Dataset Open access

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

Wilson, Willie; Martinez Martinez, Joaquin; Archer, Steve; Fields, David; Gilg, Ilana; Floge, 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

DOI: 10.5281/zenodo.31006

Keyword(s):

Virus, *Emiliania huxleyi*, photophysiology, sulphur cycling, fatty acid metabolism

Collections:

Communities

Datasets

Open Access

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Willie (on 15 September 2015)

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SOFTWARE, IMMAGINI, POSTER,
INTERI PROTOCOLLI

GitHub

zimeon / signposting
<https://github.com/>

Signposting for the scholarly web

18 commits

2 branches

0 releases

1 contributor

Branch: master signposting / +

zimeon Adjust layout

Latest commit 4cb45b6 on 8 Mar

css	Basic simulator with HTML, turtle, PDF, PNG and SVGs	9 months ago
examples	Basic simulator with HTML, turtle, PDF, PNG and SVGs	9 months ago
graphserver	Add svg in a page per graph/scenario	9 months ago
notes	Notes from meeting	9 months ago
gignore	Editor and pyc files	9 months ago
Makefile	Add PNG images for use on github pages because github doesn't support...	9 months ago
README.md	Links	9 months ago
TO_DO.md	Add svg in a page per graph/scenario	9 months ago
arxiv_no_item.dot	Models	9 months ago
arxiv_no_item.png	Add PNG images for use on github pages because github doesn't support...	9 months ago
arxiv_no_item.svg	Models	9 months ago

Editing: Fixation of yeast cell

DESCRIPTION
GUIDELINES & WARNINGS
MATERIALS
STEPS

INOCULATION AND GROWTH

- 1 Around 10am, start a cell culture in a 50ml tube...
- 2 Grow for 8-10 hours in a shaker at 30 °C.
- 3 Measure OD in the evening and dilute into 250ml...

FIXATION

- 4 Transfer to 50ml falcon tubes.
- 5 Add 5ml of Formaldehyde, invert a few times, set...

protocols.io

<https://www.protocols.io/>

new step paste from text paste from buffer

NEW SECTION (optional)

Fixation

Add 5ml of Formaldehyde, invert a few times, set at benchtop for 45min.

TIMER

hr 45 sec timer label

NOTES

Optional: Transfer to gentle rocking overnight at 4°C for 18-24 hours. (This is NOT recommended per Anne Dodson, Marc Sherman, Lenny Teytelman.)

Reply

Delete

INSERT BLANK DELETE

PASTE FROM TEXT

EDITING STEP 5

Search components

AMOUNT

COMMAND

CONCENTRATION

DATASET

DURATION / TIMER

EXPECTED RESULT

EXTERNAL LINK

GO TO

NOTE

PROTOCOL

REAGENTS

SAFETY INFORMATION

SOFTWARE PACKAGE

STEPS CASE

TEMPERATURE

Scienza aperta e Covid-19: che cosa non ha funzionato. Ma la condivisione è la strada giusta

di Giovanni Borrelli e Francesco Sparano — 30 Settembre 2020

COMPUTATIONAL
BIOLOGY

May, 2017 Browse

EDITORIAL

Ten simple rules to consider regarding preprint s

Philip E. Bourne, Jessica K. Polka, Ronald D. Vale, Robert Kiley

Published: May 4, 2017 • <https://doi.org/10.1371/journal.pcbi.1005473>

PREPRINT:

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

jupyter

RStudio
Open source and enterprise-ready
professional software for R

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.

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

F1000Research 2019

BROWSE GATEWAYS & COLLECTIONS HOW TO PUBLISH ABOUT

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

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^{1,2}, The Open Lab Notebook Consortium, Rachel J. Harding

Open Research Europe

How to Publish About

Rapid & Transparent Publishing

Fast publication and open peer review for research stemming from Horizon 2020 funding across all subject areas.

Open Science
Café

GIOVEDÌ 11 MARZO, 14.00 - 15.00

Open Research Europe:
la nuova piattaforma di
pubblicazione della
Commissione europea

Ilaria Fava, University of Göttingen
Introduce: Emma Lazzari, GARR

ORE 11 marzo

PIATTAFORME DI
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BROWSE ARTICLES

OS-CAM, the Career Assessment Matrix

MATRICI

	R1	R2	R3
Research output	+	++	+++
Research Process	+	+++	++++
Service & Leadership		+	+++
Research Impact	+	++	+++
Teaching			

- DIVERSIFICAZIONE CARRIERE
- RISPETTA INDIVIDUI E LAVORO DI TEAM
- ENFASI SULLA QUALITÀ
- INCORAGGIA OPEN SCIENCE
- INCORAGGIA LEADERSHIP

RICCHEZZA DI
ESEMPI...FUORI
ITALIA CI SI
MUOVE



DORA @DORAssessment · 5h
The Luxembourg National Research Fund (@Fnrlux) is developing an action plan for responsible research assessment, which includes the introduction of a narrative CV format based on the @royalsociety Resume for Researchers. Read about their process:



CV
NARRATIVO

Luxembourg National Research Fund develops an ...
The Declaration on Research Assessment (DORA)
recognizes the need to improve the ways in which ...
@sfdora.org

May 16, 2021

Reimagining academic assessment: stories of innovation and change

Case studies of universities and national consortia highlight key elements of institutional change to improve academic career as



Tampere University
FINLAND



University College London
UNITED KINGDOM



Univer
CHINA



Ghent
BELGIUM



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Produced in collaboration with:



TRIPLE: Team Spirit as the default approach to working in academia
2021



- IMPACT
- PROFESSIONAL PERFORMANCE
- RESEARCH
- EDUCATION
- LEADERSHIP
- TEAM

Room for everyone's talent
Towards a new balance in the recognition and rewards of academics



- Not with what others' value (external drivers)
- Not with available data sources (the 'Streetlight Effect')

CONTEXT considerations

- WHO are you evaluating? (Entity size)
- WHY are you evaluating?
- Do you need to evaluate at all?

OPTIONS for evaluation

- Consider both
- Be careful with
- Evaluate with

PROBE deeply

- WHO might your evaluation approach discriminate against?
- HOW might your evaluation approach be gamed?
- WHAT might the unintended consequences be?
- Does the cost outweigh the benefit?

EVALUATE your evaluation

- Did your evaluation achieve its aims?
- Was it formative as well as summative?

- 1 Start with what you value
- 2 Context considerations
- 3 Options for evaluating
- 4 Probe deeply
- 5 Evaluate

A «COSA» SI DÀ
VALORE E SI
VALUTA

STEPS FOR REALISING THE VISION FOR FAIRer ASSESSMENTS 2021

- 1 MAKE IT MEANINGFUL
- 2 MAKE IT POSSIBLE
- 3 MAKE IT REWARDING

FAIRer ACADEMIC ASSESSMENTS

Recognise and value diversity and disciplinary differences of academic work

- Output
- Mission
- Impact

Diversity needs to be represented in information supporting assessment

Diversity of outputs, activities and missions need to be included among assessment criteria

RICONOSCERE E VALUTARE LA
DIVERSITÀ

EXAMPLE RESEARCH DATA

Identify practices (e.g.):

- Sharing research data
- Creating FAIR data
- Using open data
- FAIR expertise

Develop infrastructures for:

- Publishing and sharing research data
- Integrating metadata and indicators for research data practices

Reward researchers for (e.g.):

- Sharing datasets
- FAIR datasets
- Data citations
- Data stewardship

... 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.

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 PERCHÉ SONO UN RICONOSCIMENTO DI COMPETENZE

METRICS

4555

VIEWS

1262

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Open Peer Review

Referee Status:

Invited Referees

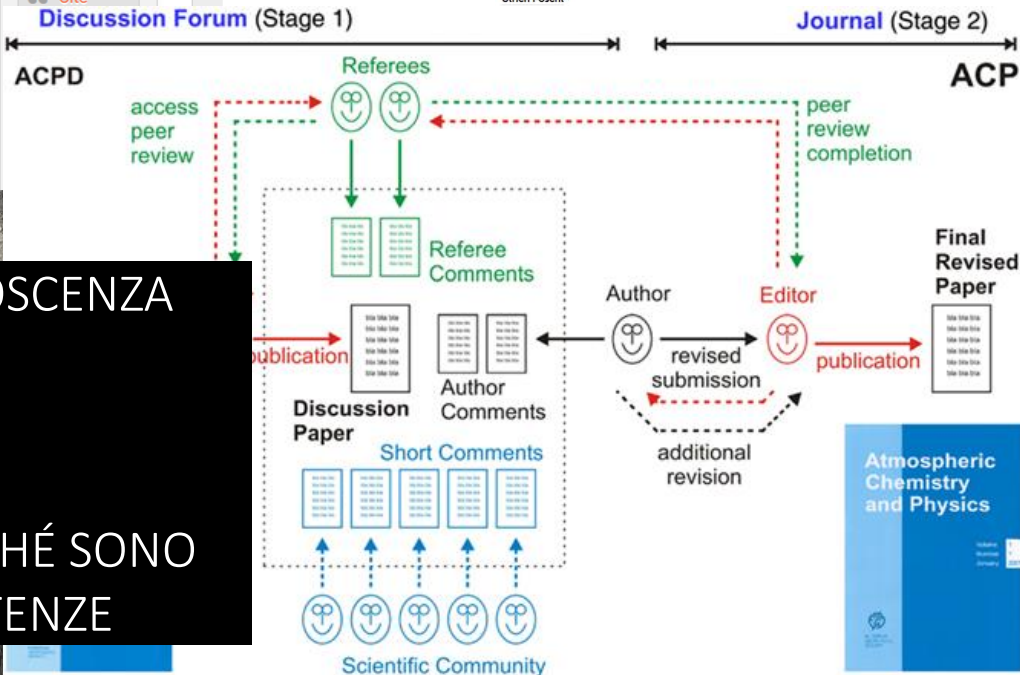
Version(s)	1	2	3	4
REVISED Version 2 published 31 ago 2017				
Version 1 published 27 apr 2017				

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*



...aprendo l'intero ciclo

PREREGISTRAZIONE
OSF Registries o AsPredicted

- PRIORITÀ
- DIFFICILE FALSIFICARE
- RISULTATI NEGATIVI



Search registrations...

OSFregistries Search

256.423 searchable registrations as of May 13, 2018

What's an AsPredicted?

It is a standardized pre-registration that requires only what's necessary to separate exploratory from confirmatory analyses. You will easily generate a pre-registration document that takes less effort to evaluate than it takes to evaluate the published study itself.

[About](#) [Terms of use](#)

How does it work?

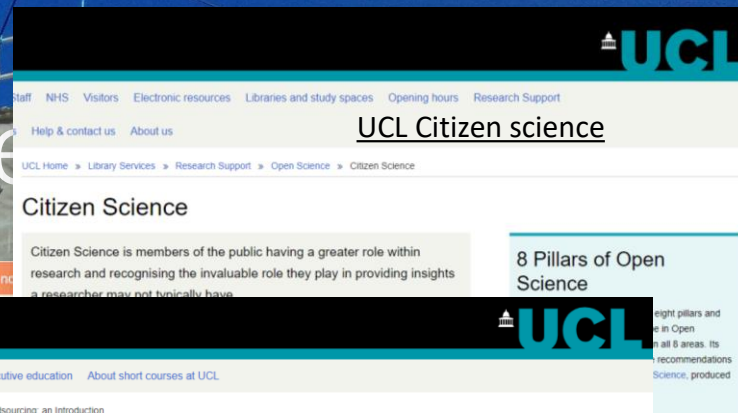
- One author briefly answers 9 questions.
- All participating authors receive an email asking for approval.
- If everyone approves, it is saved and stays private until an author acts to make it public, or it remains private forever. ([Why?](#))
- Authors may share anonymous .pdf with reviewers.
- If 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](#))

...e con un po' di citizen



Open Humans

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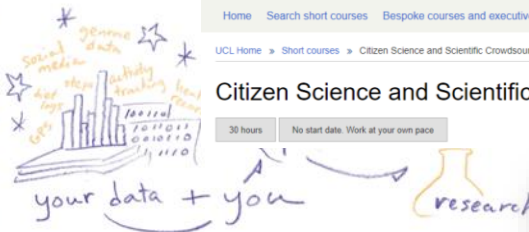
About Open Humans

Open Humans is dedicated to empowering individuals and communities around their personal data, to explore and share for the purposes of education, health, and research. We want to help people access and understand their personal data, and to help them do and share things that use that data.

For individuals, we have [community support for self-research](#), [tools for personal data access](#), and [data analysis notebooks](#) you can run in your browser.

For communities, we make it easy to choose to share your data with [group studies and activities](#). We provide the same features to researchers and citizen scientists alike: all members can adapt and share new [data analysis notebooks](#), as well as [create new group activities & tools for data import](#).

All of this makes Open Humans a vibrant community profile: we are researchers; patients; data scientist others in our [community Slack chat](#)!

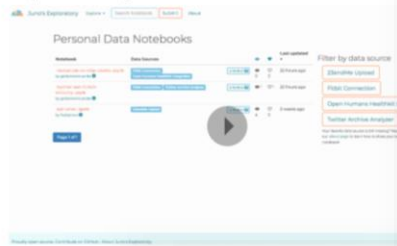


Juno's Personal Data Exploratory

Personal Data Notebooks are interactive documents that combine text, graphics and data analysis. They live right in your browser and allow you to gain insight from the personal data that you have stored in your [Open Humans](#) account.

Once you have found a notebook you like, just click the [Open in Personal Data Exploratory](#) button on the notebook page to run it on your own data!

Explore Notebooks

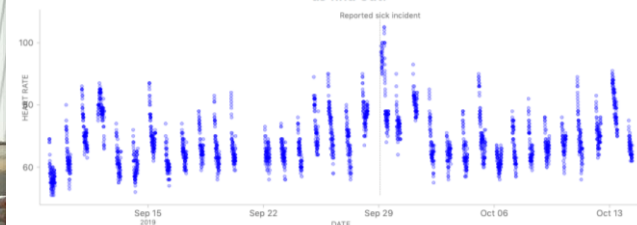


CSI Italia

La **citizen science**, o **scienza partecipata**, è il coinvolgimento attivo dei cittadini nella raccolta, analisi e interpretazione di dati a fini scientifici. Si applica a molti progetti su rifiuti in plastica, sulla qualità dell'aria e dell'acqua, sull'inquinamento acustico e luminoso o sulla identificazione della struttura di proboscidi. In campo astronomico si può contribuire alla classificazione delle galassie; in storiografia al rilevamento di siti archeologici; in geologia alla classificazione delle rocce; in storiografia al rilevamento di siti archeologici; in geologia alla classificazione delle rocce; in storiografia al rilevamento di siti archeologici.

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Track symptoms going forward

Sign up for daily check-ins to tell us if you got sick, as well as symptoms and viral test results.



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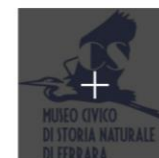
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PROGETTO CLIC! CHIOCCIOLE
LUMACHE IN CITTA'



RACCOLTE DEL MUSEO DI
STORIA NATURALE DI FERRARA



SCHOOL OF ANTS: A SCUOLA
CON LE FORMICHE



UCCELLI DI CITTA'
Biodiversità



X-POLI:NATION 2021
Biodiversità / Impollinatori

...con dati FAIR

A [NON = OPEN]
REPOSITORIES,
FORMATI

R LICENZE E
DOCUMENTAZIONE

F METADATI,
IDENTIFICATIVI
PERSISTENTI...

I ONTOLOGIE,
STANDARDS

PRINCIPI FAIR

Comment | [OPEN](#)

The FAIR Guiding Principles for scientific data management and stewardship

Mark D. Wilkinson, Michel Dumontier [...] [FAIR guide](#), Nature, March 2016

IN BREVE

Module 1: Introduction



Reference: Vlachos, E., Larsen, A.V., Zuercher, S., Hansen, A.F. (2019). 'Introduction'. In: Holmstrand, K.F., den Boer, S.P.A., Vlachos, E., Martínez-Lavanchy, P.M., Hansen, K.K. (Eds.), Research Data Management (eLearning course). doi: 10.11581/du.00000048

[Video](#)

Module 2: FAIR principles

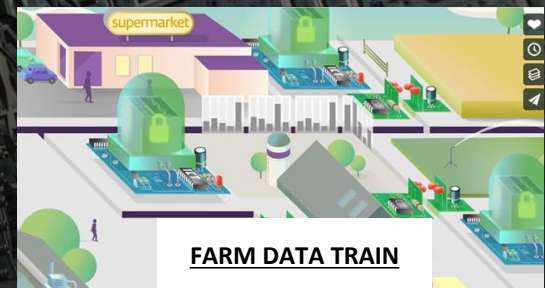


Reference: Martínez-Lavanchy, P.M., Huser, F.J., Buss, M.C.H., Andersen, J.J., Begtrup, J.W. (2019). 'FAIR Principles'. In: Holmstrand, K.F., den Boer, S.P.A., Vlachos, E., Martínez-Lavanchy, P.M., Hansen, K.K. (Eds.), Research Data Management (eLearning course). doi: 10.11581/du.00000049

Module 3: Data Management Plans



Reference: den Boer, S.P.A., Buss, M.C.H., Huser, F.J., Smed, U. (2019). 'Data Management Plans'. In: Holmstrand, K.F., den Boer, S.P.A., Vlachos, E., Martínez-Lavanchy, P.M., Hansen, K.K. (Eds.), Research Data Management (eLearning course). doi: 10.11581/du.00000050



FAIR in pratica

A

zenodo

The
Dataverse
Project

File format	Preferred ?	Extensions	Related	Data types
Access	✗	.accdb, .mdb	CSV, dbase, HDF5, SIARD, SQL, XML	Database
C	☑	.c, .h	CPP, JAVA, JavaScript, JSX, Pascal, Perl, Prolog, Python, Ruby, Scala, XSLT	Program code
CPP	☑	.cpp, .h	C, JAVA, JavaScript, JSX, Pascal, Perl, Prolog, Python, Ruby, Scala, XSLT	Program code
CSS	⚠	.css	CSV, HTML, JavaScript, JSON, JSX, Markdown, SGML, SQL, TeX, Text, XHTML, XML, XSLT, YAML	Markup, Text (plain)

F

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Publication date 2021-05-09
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Title Open Science dalla A alla Z / Università del Molise
Required.

Authors Elena Giglia University of Turin 0000-0003-4927-2632
Optional.

Description Lezione 3
Modulo 5: Gestire i dati

R

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Study Number 6377
Integrated Floodplain Management, 2006-2008
Morris, J.

Floodplain farm survey

Interview ID	Farmer code	Age	Farm scheme	Farm type	Size of farm (hectare)	Number of holdings	Date of interview	Interviewer name	No of pages	Text file name	Audio file name
1	Be1	35-45	Beckingham	Beef	360	1	04.12.2006	Helena	28	6377int001	6377int001
2	Be2	45-55	Beckingham	Arable	364	1	05.12.2006	Helena	21	6377int002	6377int002
3	Be3	45-55	Beckingham	Arable	372	2	06.12.2006	Helena	22	6377int003	6377int003
4	Be4	45-55	Beckingham	Arable	194	3	06.12.2006	Helena	18	6377int004	6377int004
5	Be5	55-65	Beckingham	Arable	108	1	07.12.2007	Helena	21	6377int005	6377int005
6	Be6	45-55	Beckingham	Arable	1254	2	01.02.2008	Helena	19	6377int006	6377int006
7	Bu1	55-65	Bushley	Mixed	101	2	13.02.2007	Quentin	29	6377int007	6377int007
8	Bu2	>65	Bushley	Mixed	97	1	15.02.2007	Quentin	15	6377int008	6377int008
9	Bu3	>65	Bushley	Arable	194	4	13.02.2007	Quentin	21	6377int009	6377int009
10	Bu4	55-65	Bushley	Mixed	202	1	15.03.2007	Helena	19	6377int010	6377int010
11	Cu1	35-45	Cuddychurch	Dairy	64	1	08.05.2007	Helena	19	6377int011	6377int011
12	Cu2	55-65	Cuddychurch	Dairy	189	2	08.05.2007	Helena	18	6377int012	6377int012
13	Cu3	55-65	Cuddychurch	Mixed livestock	76	1	08.05.2007	Helena	13	6377int013	6377int013
14	Cu5	45-55	Cuddychurch	Mixed livestock	198	1	09.05.2007	Helena	24	6377int014	6377int014
15	Cu6	55-65	Cuddychurch	Dairy	89	1	09.05.2007	Helena	14	6377int015	6377int015
16	Cu7	>65	Cuddychurch	Mixed livestock	190	4	11.05.2007	Helena	20	6377int016	6377int016
17	Cu8	55-65	Cuddychurch	Mixed livestock	109	2	11.05.2007	Helena	22	6377int017	6377int017
18	Id1	55-65	Idle	Arable	158	3	07.02.2007	Quentin	17	6377int018	6377int018a
18	Id1	55-65	Idle	Arable	158	3	07.02.2007	Quentin	17	6377int018	6377int018b
19	Id1b	55-65	Idle	Arable	158	3		Quentin	22	6377int019	
20	Id2	45-55	Idle	Dairy	150	1	08.02.2007	Quentin	17	6377int020	6377int020



BioPortal

Welcome to BioPortal, the world's most comprehensive repository of biomedical

FAIRsharing.org
standards, databases, policies

Search all of FAIRsharing

standards > terminology artifact > bsg-s001442

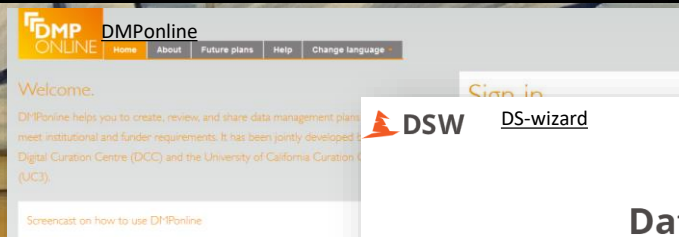
Agriculture and Forestry Ontology

Abbreviation: AFO

... con un Data Management Plan

DMP È

- UN MODO STRUTTURATO DI PENSARE AI PROPRI DATI:
raccolta, conservazione, descrizione, condivisione
- DICHIARAZIONE DI COME SI TRATTERANNO I DATI
 - living document: va aggiornato
 - ...E SOPRATTUTTO VA MESSO IN PRATICA...



DMPonline
Home About Future plans Help Change language

Welcome.
DMPonline helps you to create, review and share data management plans that meet institutional and funder requirements. It has been jointly developed by the Digital Curation Centre (DCC) and the University of California Curation Center (UC3).

Sign in

DSW DS-wizard

About Features Re

Screenshot on how to use DMPonline

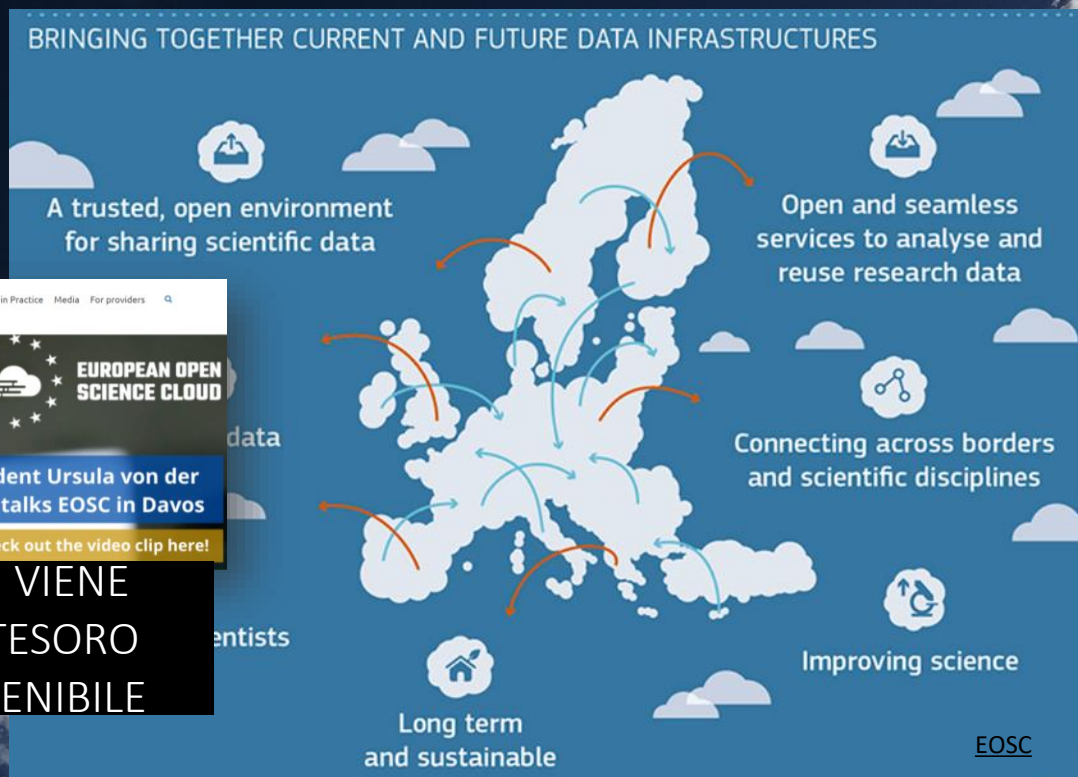
**VI GUIDANO NELLA
REDAZIONE DI UN DMP**

Data Stewardship Wizard

Create Smart Data Management Plans
for FAIR Open Science

[Get started](#)

EOSC, European Open Science Cloud



The European Open Science Cloud is a supporting environment for Open Science and not an 'open Cloud' for science.

2016

9. Call for the European Open Science Cloud to provide all researchers in Europe with seamless access to an open-by-default, efficient and cross-disciplinary environment for storing, accessing, reusing and processing research data supported by FAIR data principles.

Vienna Declaration 2018

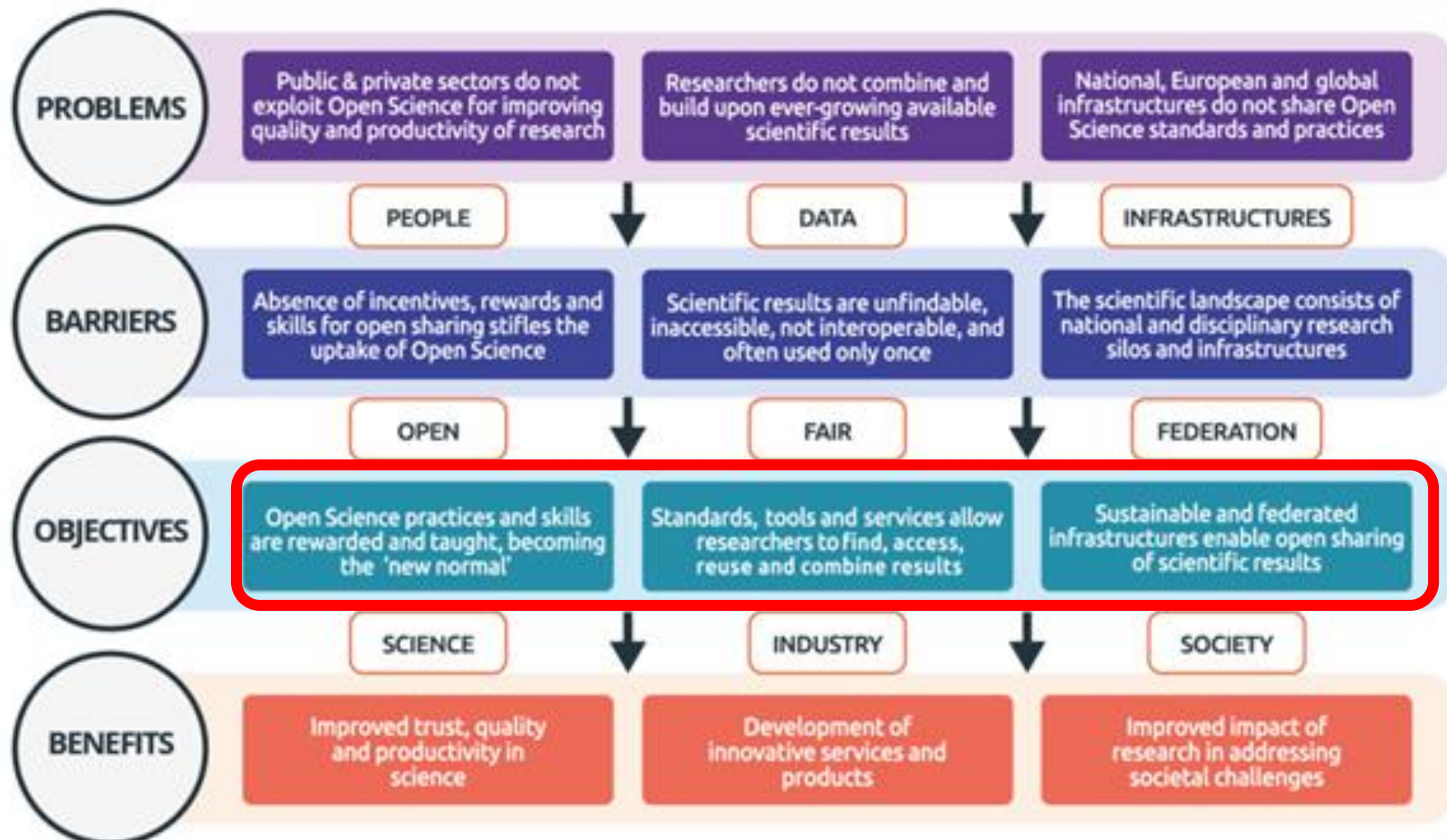
EOSC = AMBIENTE VIRTUALE BASATO SUI DATI FAIR IN CUI PRODUTTORI DI DATI, PRODUTTORI DI SERVIZI E INNOVATORI SI INCONTRANO

EOSC, albero degli obiettivi

Strategic Research and Innovation Agenda
(SRIA)
of the
European Open Science Cloud (EOSC)
SRIA 1.0 Version 1.0 15 February 2021

OPEN SCIENCE = THE «NEW NORMAL»

European Open Science Cloud Objectives Tree



[EOSC e I data stewards]

The number of people with these skills needed to effectively operate the EOSC is, we estimate, likely exceeding half a million within a decade. As we further argue below, we believe that the implementation of the EOSC needs to include instruments to help train, retain and recognise this expertise, in order to support the 1.7 million scientists and over 70 million people working in innovation⁹. The success of the EOSC depends upon it.

KØBENHAVNS UNIVERSITET

Print | Export | Per saperne di più sulla modalità a schermo intero

Competence Profile

A data steward is a data specialist with strong domain-specific knowledge who understands and appreciates the relevance of data, data sources, data infrastructure and constraints within a scientific or other application domain.

The future Data Steward must assume ownership and responsibility for data, data quality, and the data life-cycle as their primary function. They should ensure collaboration and coherence between IT competences, quality assurance, security, rules & regulations, and facilitate the application and use of data internally and externally in the organisation.

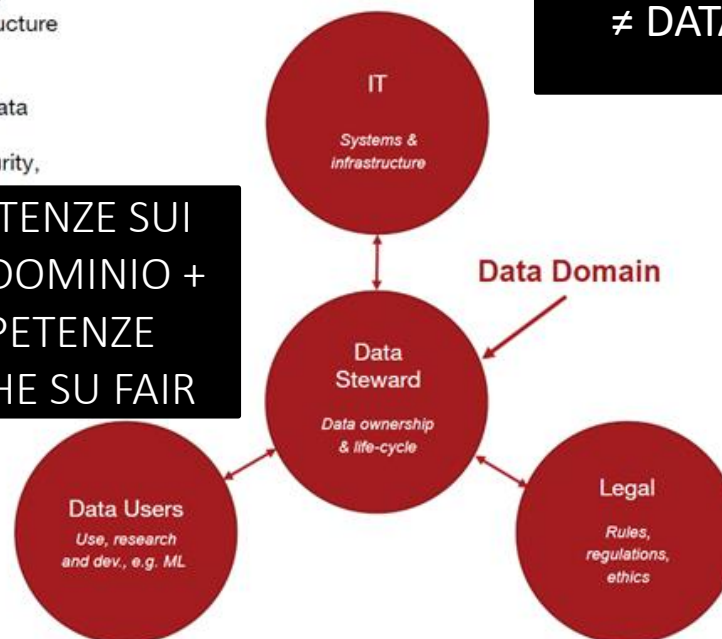
Competence profile examples

- Domain-specific data understanding
- Ability to ensure that structured and unstructured data is modelled, harvested, stored, and maintained in a documented, and regulated fashion with focus on findability, accessibility, interoperability, and reusability.
- Competences to facilitate HPC (High Performance Computing) during development and research through handling of large-scale data in public and private enterprises.
- Understanding of and competences within legal, ethical and security aspects of data handling, data sharing, e.g., integrity and GDPR.

COMPETENZE SUI
DATI DI DOMINIO +
COMPETENZE
TECNICHE SU FAIR

≠ DATA SCIENTIST

≠ DATA ANALYST



...infrastrutture per una efficienza

- FACILITA STRATEGIA COMUNE PER INTEGRAZIONE DELLE RI E RAFFORZARE L'IMPATTO INTERNAZIONALE
- STABILISCE UNA ROADMAP

The Forum

ESFRI, the European Strategy Forum on Research Infrastructures, is a strategic instrument to develop the scientific integration of Europe and to strengthen its international outreach. The competitive and open access to high quality Research Infrastructures supports and benchmarks the quality of the activities of European scientists, and attracts the best researchers from around the

ESFRI

RIFERIMENTO ALLE RESEARCH INFRASTRUCTURES ESISTENTI SICURAMENTE APPREZZATO. EOSC=FEDERATE THE GEMS, NON REINVENTARE LA RUOTA

ESFRI

ESFRI

MAKING SCIENCE HAPPEN

A new ambition for Research Infrastructures in the European Research Area

SOLID EARTH
SCIENCES

EUROPEAN RESEARCH INFRASTRUCTURE ON SOLID EARTH

EPOS
EUROPEAN PLATE OBSERVING SYSTEM

EPOS

EPOS
EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM

is designed to DRIVE the INTEGRATION of Thematic and Integrated Core Services and to GOVERN the EPOS DELIVERY FRAMEWORK

CESSDA

SOCIAL SCIENCES

ABOUT NEWS & EVENTS CONTACT COVID-19

TOOLS & SERVICES

Data Catalogue

The CESSDA Data Catalogue contains the metadata of all data in the holdings of CESSDA's service providers. It is a one-stop-shop for search and discovery, enabling effective access to European social science research data.

Data Management Expert Guide

This guide is designed by European experts to help social science researchers make their research data findable, accessible, interoperable and reusable.

elixir
ELIXIR

ABOUT US SERVICES HOW WE WORK EVENTS NEWS INTRANET

ELIXIR unites Europe's leading life science organisations in managing and safeguarding the increasing volume of data being generated by publicly funded research. It coordinates, integrates and sustains bioinformatics resources across its member states and enables users in academia and industry to access services that are vital for their research. See About us.



Services

ELIXIR services make it easier to discover, store, and analyse life science data.

The CESSDA Training website provides a collection of resources and events for learning about the management, preservation and distribution of research data.

LIFE SCIENCES

ESFRI ROADMAP

roadmap 2021

DARIAH

DARIAH-EU

ARTS&HUMANITIES

The pan-European infrastructure for arts & humanities scholars

Learn More About DARIAH

ICDI

TAVOLO DI LAVORO
INFRASTRUTTURE E ATENEI
PER FAVORIRE LA
PARTECIPAZIONE A EOSC E
INFRASTRUTTURE EUROPEE



The screenshot shows the ICDI website interface. At the top, there is a navigation bar with the ICDI logo, the URL <https://www.icdi.it/>, and links for HOME and CHI SIAMO. Below the navigation bar is a large banner image featuring a blue background with a network of purple lines and nodes, overlaid on a faint map of Europe. Under the banner, the heading "Chi siamo" is followed by a paragraph describing ICDI as a working table created by representatives of Italian research and digital infrastructure, aiming to promote synergies at the national level to optimize Italian participation in European challenges like EOSC, EDI, and HPC. A second paragraph explains ICDI's role as a discussion and confrontation table for research community participation in the Digital Single Market and EOSC. To the right, a "MENU" section lists various categories: HOME, CHI SIAMO (highlighted), OBIETTIVI, MEMBRI, ATTIVITÀ, CLOUD PLATFORM, COMPETENCE CENTRE, OPEN SCIENCE CAFE, NATIONAL WORKING GROUPS, and DOCUMENTI.

<https://www.icdi.it/>

HOME CHI SIAMO

Chi siamo

ICDI (**Italian Computing and Data Infrastructure**) è un tavolo di lavoro creato dai rappresentanti di alcune tra le principali Infrastrutture di Ricerca e Infrastrutture Digitali italiane con l'obiettivo di promuovere sinergie a livello nazionale al fine di ottimizzare la partecipazione italiana alle attuali sfide europee in questo settore, tra cui la European Open Science Cloud (EOSC), la European Data Infrastructure (EDI) e HPC.

ICDI vuole proporsi come un tavolo di discussione e confronto sulle strategie di partecipazione della comunità della ricerca nazionale al Digital Single Market e alla EOSC, in modo da ottimizzare e coordinare la partecipazione della ricerca italiana alle iniziative. Al fine di capire lo stato di partenza, abbiamo intrapreso una mappatura della partecipazione sia delle Infrastrutture di Ricerca Italiane sia di quelle Informatiche (ICT) a programmi pan-Europei, per verificare la possibilità di coordinare e, auspicabilmente, federare il contributo nazionale.

MENU

- HOME
- CHI SIAMO**
- OBIETTIVI
- MEMBRI
- ATTIVITÀ
- CLOUD PLATFORM
- COMPETENCE CENTRE
- OPEN SCIENCE CAFE
- NATIONAL WORKING GROUPS
- DOCUMENTI

Horizon Europe

LE NOVITÀ:

- OPEN SCIENCE RIENTRA NELLA «ECCELLENZA SCIENTIFICA» DEL PROGETTO (È UN METODO)
- OPEN SCIENCE CONTRIBUISCE ALLA VALUTAZIONE DELLA SOLIDITÀ DEL CONSORZIO
- NEL PROFILO DEI RICERCATORI COINVOLTI SI CHIEDONO PUBBLICAZIONI OPEN, DATI...

LE CONFERME:

- OPEN SCIENCE NELLA DISSEMINATION [E NELLA MASSIMIZZAZIONE IMPATTO, ~ NUOVA]



ART. 6.2 SPECIFIC ELIGIBILITY CONDITIONS
FOR EACH BUDGET CATEGORY C.3 OTHER
GOODS [P.30]

ART. 17 COMMUNICATION,
DISSEMINATION AND VISIBILITY [P.49]
ANNEX 5, TO ART. 17, OPEN SCIENCE
[P.107-109]

PART A – LIST OF PUBLICATIONS (OPEN
ACCESS) [P.12]

PART B – 1.EXCELLENCE – 1.2
METHODOLOGY (OPEN SCIENCE+DATA
MANAGEMENT) [P.8]

PART B – 2.IMPACT

PART B – 3.2 CONSORTIUM CAPACITY [P.15]

Horizon Europe COMMUNICATION, DISSEMINATION, OPEN SCIENCE AND VISIBILITY (Article 17)

Open Science

Open science: open access to scientific publications

The beneficiaries must ensure open access to peer-reviewed scientific publications relating to their results. In particular, they must ensure that:

- at the latest at the time of publication, a machine-readable electronic copy of the published version, or the final peer-reviewed manuscript accepted for publication, is deposited in a trusted repository for scientific publications
- immediate open access is provided to the deposited publication via the repository, under the latest available version of the Creative Commons Attribution International Public Licence (CC BY) or a licence with equivalent rights; for monographs and other long-text formats, the licence may exclude commercial uses and derivative works (e.g. CC BY-NC, CC BY-ND) and
- information is given via the repository about any research output or any other tools and instruments needed to validate the conclusions of the scientific publication.

V.1 Feb 2021



Horizon Europe (HORIZON)
Euratom Research and Training Programme (EURATOM)

General Model Grant Agreement
EIC Accelerator Contract

(HE MGA – Multi & Mono)

Version 1.0 (2021)

Beneficiaries (or authors) must retain sufficient intellectual property rights to comply with the open access requirements.

Only publication fees in full open access venues for peer-reviewed scientific publications are eligible for reimbursement.

PUBBLICAZIONI:

1. DEPOSITO IN UN ARCHIVIO AFFIDABILE
2. DARE ACCESSO APERTO IMMEDIATO
3. FORNIRE TUTTE LE INFORMAZIONI PER VALIDARE (SOFTWARE, STRUMENTI..)

NOVITÀ:

- DEPOSITO+ZERO EMBARGO NON SIGNIFICA PUBBLICARE IN RIVISTE OPEN
- SIGNIFICA MANTENERE I DIRITTI
- NESSUN RIMBORSO PER IBRIDO

PIATTAFORMA DI PUBBLICAZIONE

- CONFORMI A HEU
- GRATUITA PER I BENEFICIARI

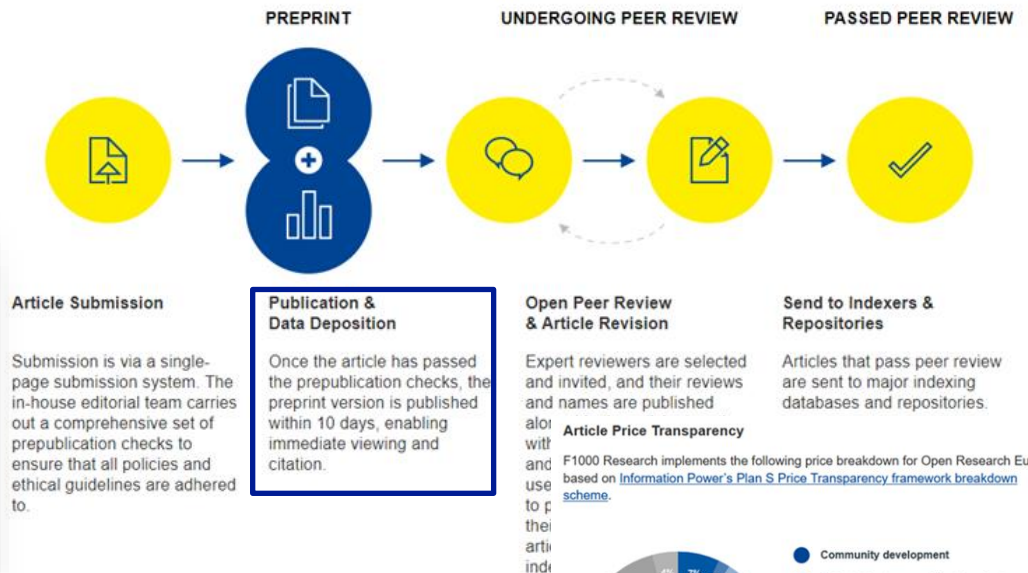
Research Europe

Open Research Europe

How to Publish ▾ About ▾

Rapid & Transparent Publishing **ORE**

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Open Science Café

GIOVEDÌ 11 MARZO, 14.00 - 15.00

Open Research Europe: la nuova piattaforma di pubblicazione della Commissione europea

Ilaria Fava, University of Göttingen
Introduce: Emma Lazzari, GARR

ORE 11 marzo

Benefits for Researchers

- Optional service with no author fees, no administrative burden and automatic compliance with open access requirements.
- Submissions published rapidly as preprints after a set of thorough prepublication checks.
- Transparent peer-review: authors suggest appropriate reviewers and engage in an open and public dialogue with their peers.

Benefits for Research

- Rapid open access publication enables others to build upon new ideas right away, wherever and whoever they are.
- Removes obstacles to collaborative research through data sharing, transparency and attribution.
- Shifts the way research and researchers are evaluated by supporting research assessment based on the intrinsic value of the research rather than the venue of publication.

Benefits for Society

- Maximises the value of Horizon 2020 project: publication of all aspects of Commission funded research.
- Makes research results fully open access, freely available and fully text and data minable for researchers as well as citizens.
- Accelerates the progress of research meaning new insights, innovations and treatments become available to those who need them.



VALUTAZIONE
BASATA SUL
SINGOLO
LAVORO

STAY INFORMED

...e voi da che parte state?

DOVEVANO Le NUVOLE

REGIA MASSIMO FERRARI

Quando soffia il VENTO del CAMBIAMENTO
c'è chi costruisce MURI
e chi MULINI A VENTO



GRAZIE!