

A satellite-style map of the Australasia region, showing Australia, New Guinea, and parts of Southeast Asia. The map is centered on the Indian Ocean, with the continent of Australia being the most prominent feature. The colors are muted, with greens for land and blues for water.

Riding the wave of transformation in scholarly communication and open access

ALIA HLA 2022 Conference

Prof Virginia Barbour
Director, Open Access Australasia
Co-Lead Office for Scholarly Communication, QUT
@ginnybarbour



A diverse membership

30 universities across Australia & Aotearoa New Zealand
Creative Commons Australia, Tohatoha Aotearoa Commons,
Australian Library and Information Association, Australian Digital
Alliance, Wikimedia Australia, Australian Citizen Science Association

Principles

- equity in scholarly communications, to access & publish research
- diverse ecosystem of open access approaches
- integrity and quality in research
- maximisation of the impact of research
- appropriate and respectful use of Indigenous knowledges
- retention of rights by authors or their institutions



What we do:
 advocacy, collaboration
 (nationally and globally) raising
 awareness and capacity building
 for open access an open
 science in Australasia

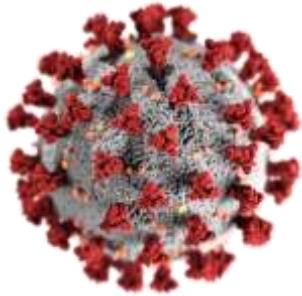


We're in exciting and important times

International initiatives



COVID as a driver of open



BUILDING
A HEALTHY
AUSTRALIA

Information for the health and medical research
sector in response to the COVID-19 pandemic



HOME ABOUT US FELLOWSHIP SUPPORTING SCIENCE

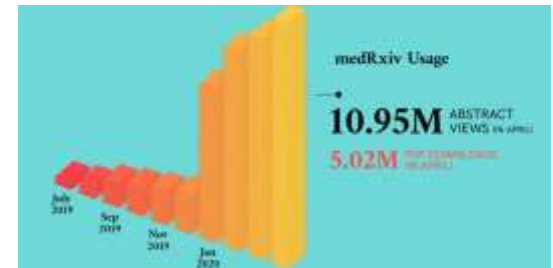
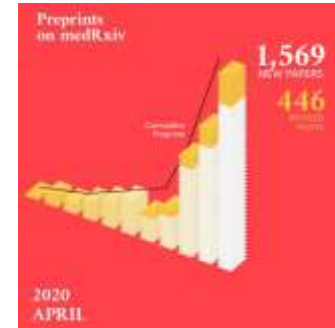
HOME COVID-19 NEWS AND RESOURCES HUB

COVID-19 NEWS AND RESOURCES HUB

RAPID RESEARCH INFORMATION FORUM



COVID-19 Open Research Dataset
CORD-19





The next imperative for open access



Editorial

Health sector leadership is central to the fight against the climate crisis

Elizabeth Zuccato Nicholas J Talley AC

First published: 26 October 2022 | <https://doi.org/10.5694/mja2.51744>



UNESCO Recommendation on Open Science

The UNESCO Open Science Recommendation: an important step forward



unesco

Policy in Australia and Aotearoa New Zealand is in one direction

Achieving impact from Australian science

October 11/Nov 2021



SPRINGER NATURE (1)



Office of the Prime Minister's Chief Science Advisor
Communications and Public Engagement

The Future is Open

Establishing Open Access for Research Publications in Aotearoa New Zealand

Australia's Chief Scientist, Dr Cathy Foley, has named Open Access as one of the key pillars of her strategic work plan, and is the government's champion for Open Access in Australia.

National Health and Medical Research Council - NHMRC

2022 open access policy update “making publicly-funded research available as soon as possible supports knowledge sharing and rapid innovation. It also advances human health in Australia and globally, as witnessed during the COVID-19 pandemic.

Office of the Prime Minister's Chief Science Advisor, Aotearoa New Zealand

“Making academic research free to read is good for everyone, from researchers, innovators and policymakers to the New Zealand public – and it's the right thing to do.”

CONNECTING THE DOTS

20+ years of open in Australia

There have been open research initiatives in Australia since the very beginning of global discussions on open access to research publications in the early 2000s. The initiatives in Australia have come from a range of actors, including the federal government, funders, institutions, and peak and advocacy bodies. This arrow illustrates some of the key initiatives over the past 20 years. In 2020, the Council of Australian University Librarians (CAUL) and the Australasian Open Access Strategy Group (AOASG, now Open Access Australasia) facilitated a national discussion on open research. In 2021, there is increased momentum towards open access to research publications driven by work from the Office of the Chief Scientist, Dr Cathy Foley.



Hover for links



Links & additional information

Australian National University (ANU) repository established

Australia's first institutional repository.

2000

Queensland University of Technology (QUT) Open Access Policy

First university in the world with institution wide OA mandate.

2003

2004

Creative Commons Australia launched

ANU Press established Australia's first open access university press.

2000 - 2010

2006

2005

Brisbane Declaration on Open Access published

2008

2008

2008

Australian National Data Service established
with the aim of making Australia's "data assets more valuable".

Federal investment in university repositories through the ARROW, ASHER and RUBRIC programs.

2008

OAK List published

An online, searchable database of publishers' agreements and open access policies developed by QUT researchers.

Australian Research Council (ARC) Open Access Policy

Major Australian funder requires OA after a 12 month embargo for research outputs produced from research funded by the ARC.

2013

2013

2013

2013

2012

2012

2012

2011

2011

2011

2011

2012

2012

2011

2011

2011

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

data.gov.au launched
allowing access to anonymised public data published by federal, state & local government agencies.

2013

2012

2012

2012

2012

2012

Open Access & Research Conference held in Brisbane

Knowledge Unlatched launched at the conference.

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

2013

Productivity Commission Report on Intellectual Property Arrangements

recommended all levels of government "implement an open access policy for publicly funded research".

2016

2016

2016

2016

2016

2016

2016

2016

2016

2016

2016

2016

2016

2016

2016

2016

Open Repositories Conference held in Brisbane

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

Australian Research Data Commons established
as a provider of digital research infrastructure.

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

2018

Government response to Productivity Commission report

Accepted the report but did not act on it.

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

2017

Australian Government Funding Arrangements for non-NHMRC Research
Inquiry recommends strategic approach to open research.

2018

2018

2018

CAUL Statement on Open Scholarship updated

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

First two CAUL-negotiated transformative agreements
with Microbiology Society & Portland Press come into effect.

2020

2020

2020

2020

2020

2020

2020

2020

2020

Funder open access policies strengthened
By 2018, both ARC & NHMRC OA policies include Creative Commons licensing.

2018

2018

2018

2018

CAUL & AOASG joint statement on Plan S
welcoming the plan's aspirations.

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

2019

CAUL & AOASG open research consultations
National & international consultations on a potential policy approach to open research in Australia.

2020

2020

2020

2020

First transformative agreement with an Australian publisher - CSIRO - negotiated by CAUL
One of five new transformative agreements for 2021.

2021

2021

2021

2021

Australian Academy of Science Position Statement - Open Science
supports the development of an open science strategy for Australia.

2021

2021

2021

2021

Chief Scientist statement on open access

Dr Cathy Foley noted that open access was one of her four pillars of work.

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021

2021



Version 2 | 27 September 2021



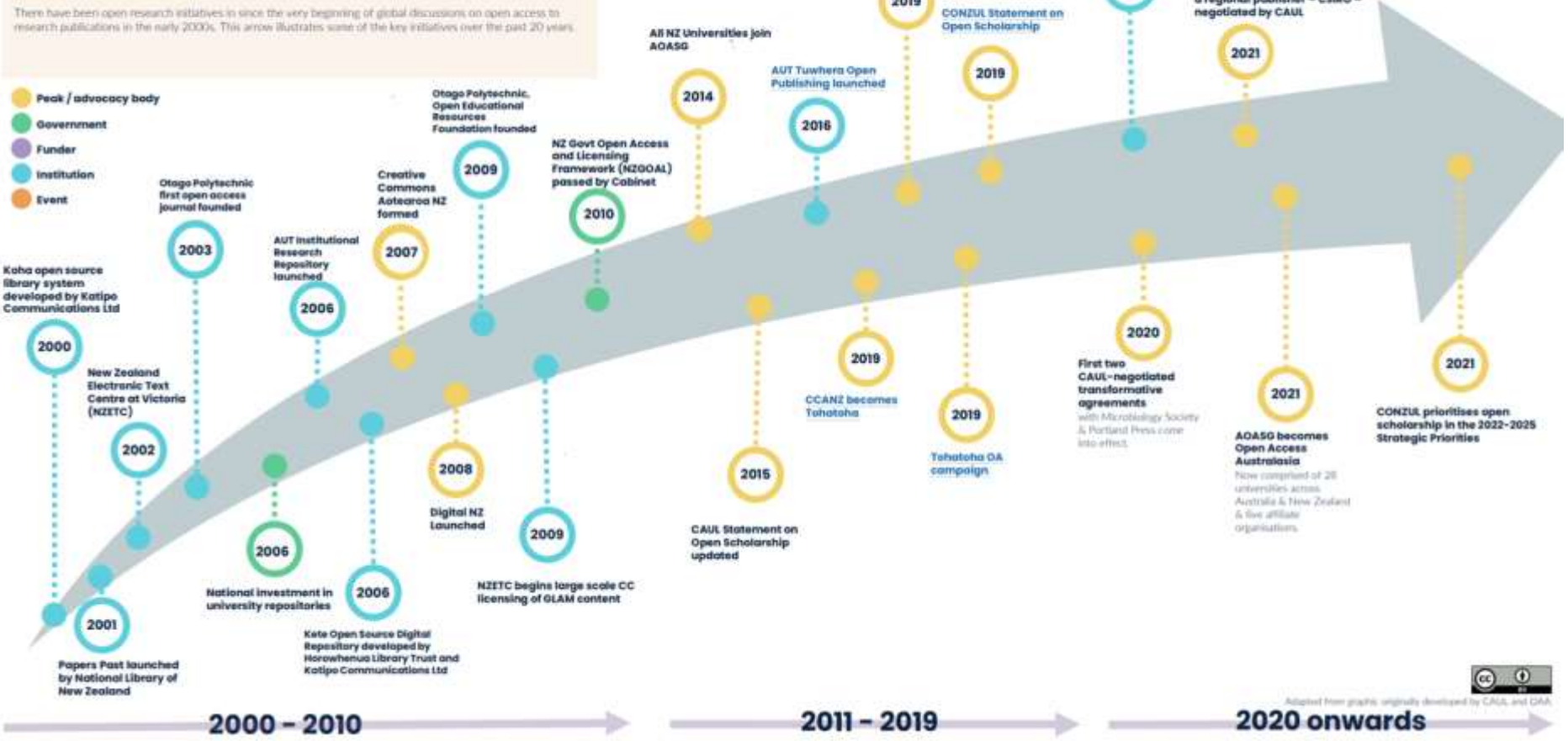
Please attribute CAUL & OAA

CONNECTING THE DOTS

20+ years of open in Aotearoa New Zealand

There have been open research initiatives in since the very beginning of global discussions on open access to research publications in the early 2000s. This arrow illustrates some of the key initiatives over the past 20 years.

- Peak / advocacy body
- Government
- Funder
- Institution
- Event



2000 - 2010

2011 - 2019

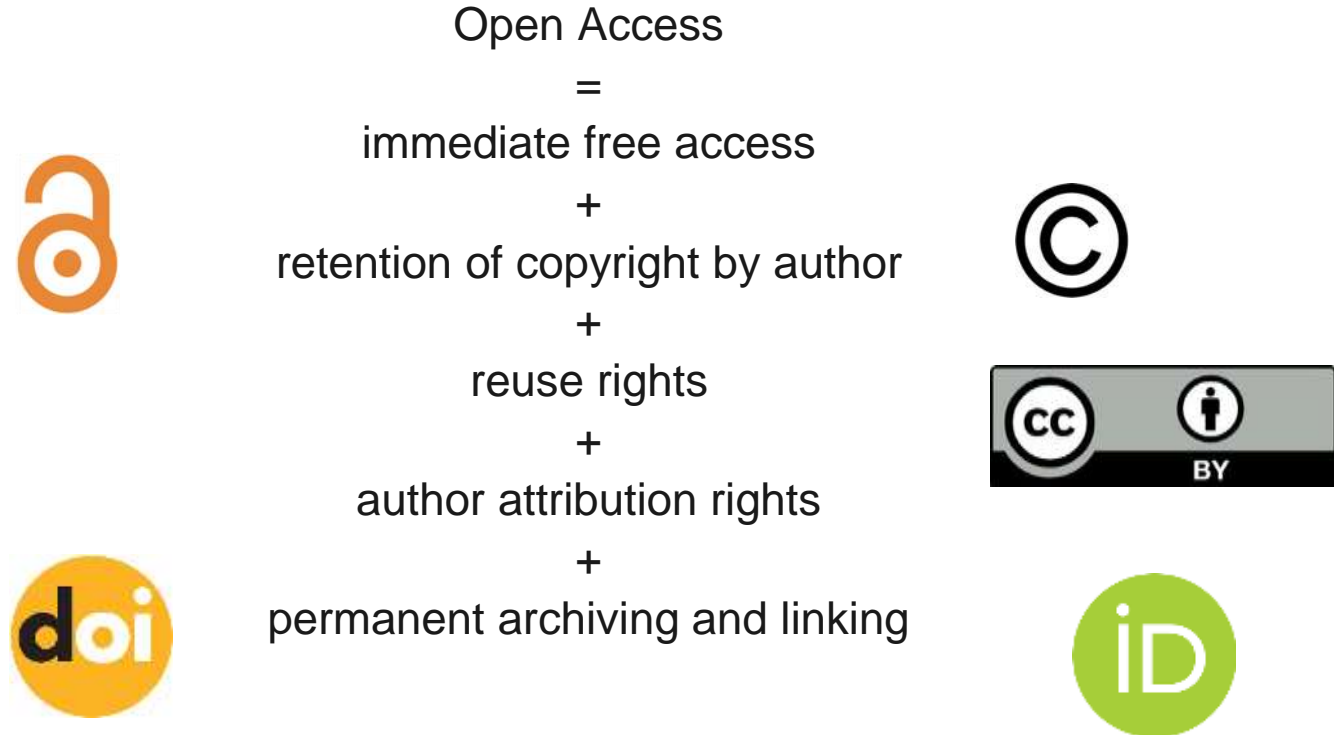
2020 onwards



Adapted from graphic originally developed by CAUL and OAA

Even (especially!) in a revolution,
details matter

Open access is more than free access



COVID-19 made the case for **immediate free** access, **reuse** rights, and **interoperable** formats that support **seamless** sharing and **collaboration**

PERMANENTLY IDENTIFIED OBJECTS



LINKED TO THE RESEARCHERS



IN OPEN SITES



IN HUMAN AND MACHINE READABLE FORMATS



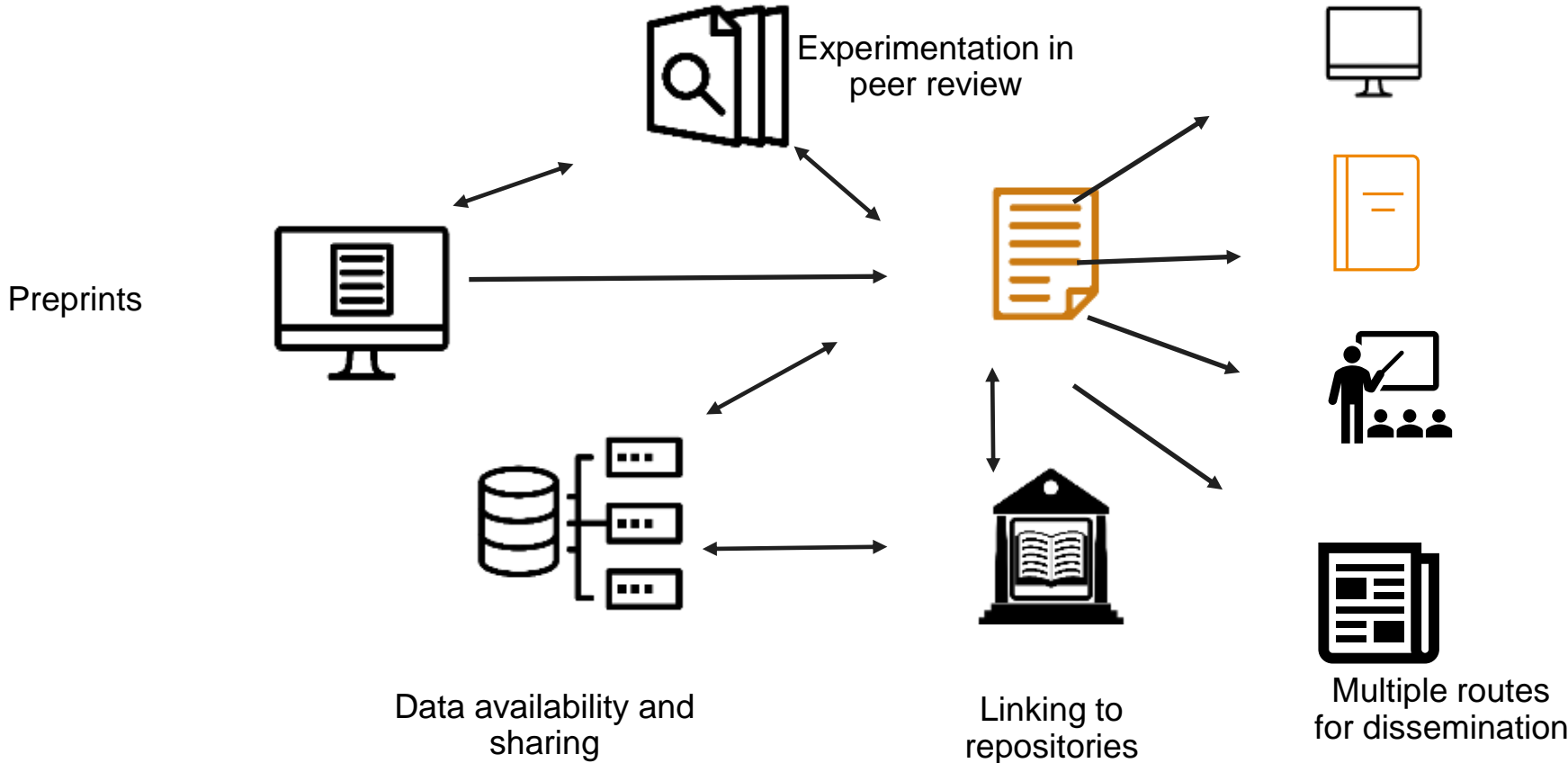
LINKED TO RELATED OBJECTS



WITH CLEAR REUSE RIGHTS



In an innovation ecosystem, metadata and linking are crucial



DocMaps to expand to increase the visibility and machine-readability of preprint evaluations

PREreview and eLife welcome Chan Zuckerberg Initiative's support to boost community engagement in public preprint review

Initiatives
announced just
this week



Dario Taraborelli
@ReaderMeter



Excited to announce funding from [@czscience](#) and new partnerships with 6 organizations that are building tools and services to strengthen the [#preprint](#) ecosystem and expand community participation. 🇮🇹 1/

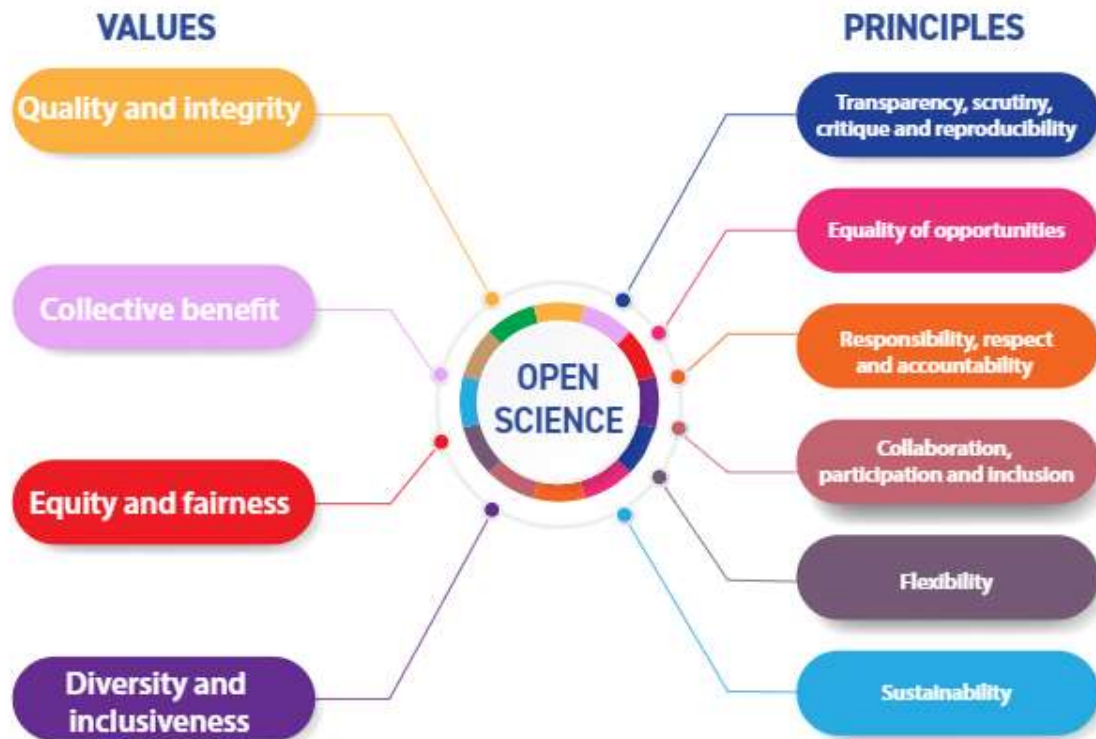
5:13 AM · Nov 9, 2022 · Twitter Web App

CZI Funds Hypothesis and bioRxiv ReviewR Project

The future must be also be built on
principles and values



UNESCO Recommendation
on Open Science



VALUES

Quality and integrity

Collective benefit

Equity and fairness

Diversity and
inclusiveness

PRINCIPLES

Transparency, scrutiny,
critique and reproducibility

Equality of opportunities

Responsibility, respect
and accountability

Collaboration,
participation and inclusion

Flexibility

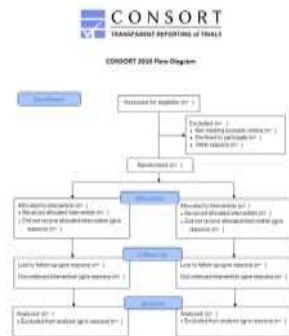
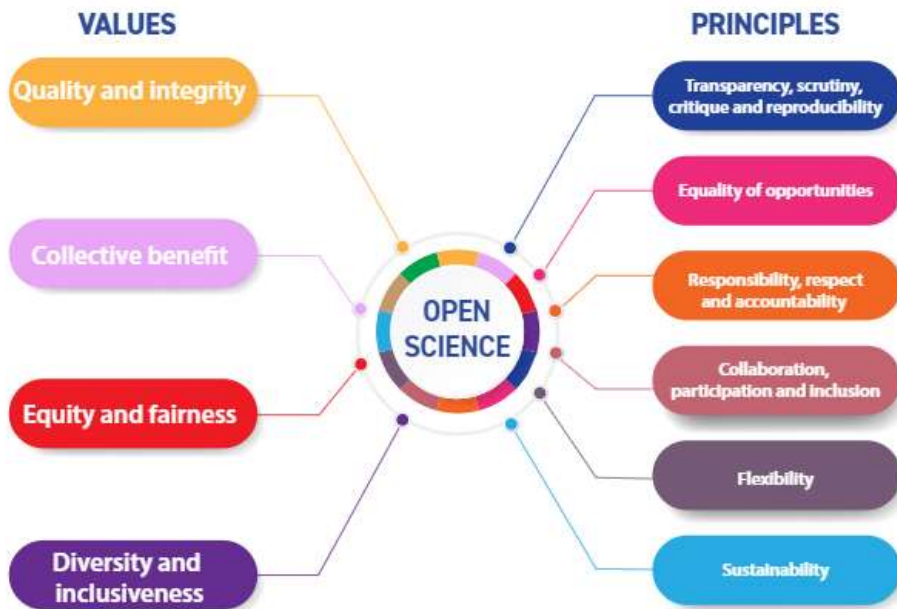
Sustainability



OPEN ACCESS AUSTRALASIA

Open for Climate Justice
24-28 October 2022

International Open Access Week
@openaccess_aus
#OAWWeek
#OpenforClimateJustice



Fostering Bibliodiversity in Scholarly Communications
A Call for Action!
April 15, 2020





Discussion welcome!

Dr Ginny Barbour

director@oaaustralasia.org

<https://oaaustralasia.org/>

@ginnybarbour

@openaccess_anz@aus.social

If the seas were
always calm,
we would never
build a better boat.