How open is your journal?

Wiley Editor Symposium, London
3rd October 2019
Kathryn Sharples, Senior Director, Open Access, Wiley
What is Open Research?
A broad term, covering the many exciting developments in how science and research are becoming more open, accessible, efficient, democratic, and transparent.

This Open Research revolution is being driven by new, digital tools for scientific collaboration, experiments and analysis, which make scientific knowledge more easily accessible by professionals and the general public, anywhere, at any time.
Open research – the benefits

- **Increased openness** – making research more open, transparent and accessible for researchers, research stakeholders and the general public alike

- **Increased reproducibility** – creating a more efficient and effective research landscape, whether conducting, funding or supporting research

- **Increased accountability** – protects the integrity and overall reputation of research
Open Research Pillars

OPEN PRACTICES
As research becomes more transparent, so must publishing. By sharing how we make decisions, we are focused on how being more open as an industry can help the research community.

OPEN ACCESS
Research needs to be available to the public to drive innovation and invention, and so people can find the information they need to make decisions in their lives.

OPEN DATA
Research data is as important as the published article. When researchers share their data, the process becomes more efficient as others analyze and evaluate findings with ease.

OPEN COLLABORATION
When collaboration is easy, researchers can focus on the impact instead of the process. Tools to facilitate collaboration help authors strengthen their networks and work in global teams.

OPEN RECOGNITION & REWARD
Too much of a researcher’s work goes unrecognized. With tools to help researchers get credit for their professional contributions—from authoring to reviewing—they can advance their careers.
<table>
<thead>
<tr>
<th>How open is your journal?</th>
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<tr>
<td><strong>Does your journal offer a gold open access option?</strong></td>
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<td><strong>What is your journal's self-archiving policy?</strong></td>
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<td><strong>What Creative Commons license does the journal offer?</strong></td>
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<td><strong>What is your journal’s data sharing policy?</strong></td>
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<td><strong>What is your journal’s ORCiD policy?</strong></td>
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<td><strong>Does your journal consider articles previously available as preprints for review?</strong></td>
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<td><strong>Does your journal reward open practices with open science badges?</strong></td>
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<td><strong>Does your journal enable researchers to claim credit for peer review using Publons?</strong></td>
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<td><strong>Does your journal integrate with collaborative authoring tools? (e.g. Overleaf, Manuscripts, Authorea)</strong></td>
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<tr>
<td><strong>Does your journal operate transparent peer review?</strong></td>
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<td><strong>Does your journal consider Registered Reports?</strong></td>
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<td><strong>Does your journal enforce CRedit for author contributions?</strong></td>
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Open Access

Open access is built on the principle that the world’s knowledge is more powerful when it is shared. Research and data must be available so other researchers, professionals, and the public can use it to do real good in the world.
Open Access

Find out more from these posters:

- Open Access: an overnight revolution 20 years in the making
- What learned societies need to know about open research

7 journals fully Open Access
63 offer Online Open
1 has no current Open Access option

Open Access article growth at Wiley
In addition to creating greater openness of research, we are also focused on increasing transparency throughout the publishing process. Sharing how and why we make decisions holds us accountable for our actions and builds trust within the academic community.
Open Practices

We are helping researchers share their work on non-commercial preprint servers before they submit to a Wiley journal for peer review.

Our commitment to improving research integrity means exploring big changes to the publishing process like Registered Reports, where study methodologies are peer reviewed before researchers conduct their experiments and accepted for publication no matter the outcome.

We are advocating for increased transparency in peer review, making it clear to readers the how, what, and why behind editorial decision-making.
Open Practices - Transparent Peer Review

Considering opening up the peer review process?
5 journals here offer transparent peer review

Learn more from:
- Diabetes, Obesity and Metabolism
- Equine Veterinary Journal
- Journal of Advanced Nursing
- Pediatric Allergy and Immunology
- Veterinary Medicine and Science

Find out more:
Transparent peer review workshop
Friday 10 am, Atlantis 1

Why More Journals Are Joining Our Transparent Peer Review Pilot

Chris Graf, Director, Research Integrity and Publishing Ethics at Wiley  September 20, 2019

When we think of quality in peer review, the theme of this year's Peer Review Week, we inevitably start thinking about transparency. How do we make visible improvements to quality in peer review when much of the process happens behind close doors? At Wiley, we're helping researchers to thrive when they embrace open research. Opening up critical parts of what we do, for example by making peer review transparent, is totally in-step with that and delivers new levels of accountability and insights for researchers.

https://www.wiley.com/network/latest-content/why-more-journals-are-joining-our-transparent-peer-review-pilot
Open Practices – Preprints & Registered Reports

Considering preprints?
48 journals do

Considering Registered Reports?
5 journals do

Learn more from:
British Journal of Social Psychology
Cancer Medicine
Equine Veterinary Journal
Journal of Journal of Psychiatric and Mental Health Nursing
Paediatric and Neonatal Pain

Wiley’s Preprints Policy
A preprint is a paper that is made available publicly via a community preprint server prior to (or simultaneous with) submission to a journal. Preprint servers, i.e., servers that allow for the posting of papers prior to submission for publication, are becoming more common across a range of disciplines.

Wiley believes that in communities where non-commercial preprint servers exist, journals should allow for the submission of manuscripts which have already been made available on such a server. Allowing submission does not, of course, guarantee that an article will be sent out for review; it simply reflects a belief that availability on a preprint server should not be a disqualifier for submission.

Find out more:
Reproducibility workshop
Friday 11am, Atlantis 1

https://authorservices.wiley.com/author-resources/Journal-Authors/open-access/preprints-policy.html

https://osf.io/preprints/metaarxiv/ndvek

Wiley Editor Symposium October 3rd & 4th
When data is FAIR (findable, accessible, interoperable, reusable), the research landscape becomes more efficient and accountable. Being more open with data means researchers can analyze each other's findings and reuse it to inform new findings.
### Open Data: Data Policies

<table>
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<tr>
<th>Encourages Data Sharing</th>
<th>Data availability statement is published</th>
<th>Data has been shared</th>
<th>Data has been peer reviewed</th>
<th>Example Wiley journals</th>
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<tr>
<td>Optional</td>
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<td>Expects Data Sharing</td>
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<td>Mandates Data Sharing and Peer Reviews Data</td>
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<td>Geoscience Data Journal American Journal of Political Science</td>
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1. Data availability statement is published
2. Data has been shared
3. Data has been peer reviewed
Considering supporting data sharing?

46 journals ‘encourage’ data sharing

11 journals ‘expect’ data sharing i.e. article has data availability statement saying something about the data, but does not require data sharing

2 journals ‘mandate’ i.e. article has to have data availability statement and data must be available

12 have no policy
Open Collaboration

Research is becoming more collaborative. Researchers work together across disciplines to find solutions to global challenges and we are working with the best minds at the best organizations to deliver exciting new tools and solutions that make this easier.
Open Collaboration

Researchers should be able to focus less on process and more on creating impactful content. It is our job to make collaboration simple. Every day we work with the best minds at the best organizations to come up with new, exciting tools that help researchers write, comment, and share with anyone.

The best collaboration happens in real-time, no matter how far apart researchers are. Online tools that work across different file types, that don’t require any software installation make it easy for international teams to work off a single site.

Tools like Authorea are ideal for researchers to share ideas, create papers, edit documents, and make changes.
Open Recognition & Reward

The research community is constantly under pressure to demonstrate its impact. Publication is a cornerstone of this impact, which means we need to ensure there are tools and programs to capture that work easily so researchers can get credit for their work.
Open Recognition & Reward

**ORCID** is at the heart of our open recognition strategy. We were the first major publisher to mandate ORCID at submission because we recognize the value in linking professional activities back to researchers so funders, institutions, and societies can identify their contributions.

We are **adding badges** to articles to help show the community which researchers are taking advantage of transparent options like data sharing and registered reports.

**CRediT** is a high level standard used to recognize the roles individuals play in research outputs. Toolkit coming soon to enable this on your journals.

74% of all submissions to Wiley-published journals had an ORCID ID in 2017.
Open Recognition & Reward

Considering ORCID?
39 journals require
16 journals encourage
16 journals have no policy

Considering CRediT?
2 journals require

Learn more from:
British Journal of Social Psychology
Legume Science

Considering open research badges?
4 journals offer

Learn more from:
Journal of Advanced Nursing
Journal of Neurochemistry
Journal of Neuroendocrinology
Journal of Psychiatric and Mental Health Nursing
What could you do to make a difference?

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Thank you!

Kathryn Sharples
ksharples@wiley.com