

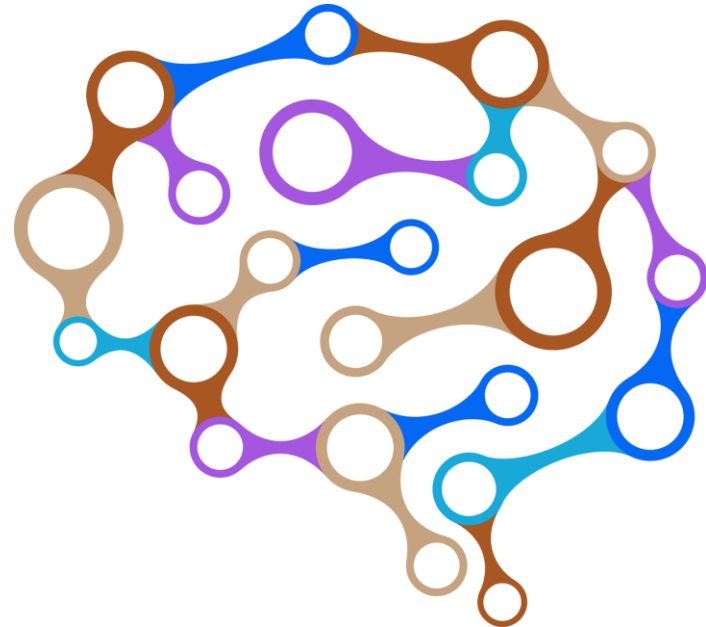
# Peer Review Innovations

## 同行评审创新举措

What does better peer review look like?

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# What do you think makes good peer review?



# What does good peer review look like for:

- Authors
- Editors
- Reviewers



# Activity!

In groups discuss 'What good peer review looks like'

***1 group from the perspective of authors***

***1 group from the perspective of reviewers***

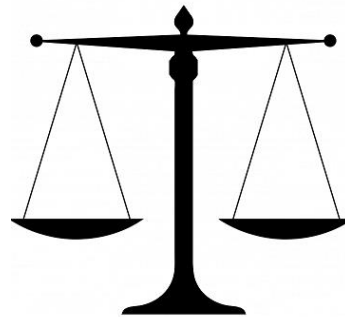
***1 group from the perspective of editors***

Take 5 minutes, we will then discuss.



# Elements of good peer review

- Academic rigour
- Ethics
- Fairness
- Integrity
- Timeliness
- Transparency
- Usefulness



Better peer review

# Peer review gold standards

## 5 essential areas



**Integrity** Peer review establishes that the work is reliable and potentially reproducible.



**Ethics** Peer review establishes that the work was conducted ethically.



**Fairness** Peer review is objective and impartial.



**Usefulness** Peer review is constructive and helpful.



**Timeliness** Peer review provides timely feedback for researchers.

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What recommendations can we make for better practice

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How do we make it happen on our journals

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*Our preprint article: What does better peer review look like? Definitions, essential areas, and recommendations for better*

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



# Integrity

- Authors receive thorough, well-thought-out reviews
- Quality of the research methods is assessed
- Articles are as complete as possible
- Publication decisions are based on the reliability and completeness of the research
- Data sharing and citation are encouraged or expected
- Concerns raised by readers are received, considered, and acted upon



# Ethics

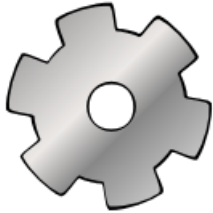
- Editors and reviewers respect the confidentiality of manuscripts
- Research complies with ethical regulations and community expectations
- Submitted manuscripts are original – not submitted or published elsewhere
- Manuscripts are checked significant textual overlaps and plagiarism
- Efforts are made to screen for potential research misconduct





## Fairness

- Authorship criteria are established, applied, checked
- Major comments from reviewers are communicated in the first round of peer review
- Editors' and reviewers' conflicts of interests are managed
- Authors' close colleagues and collaborators are not invited to be peer reviewers
- Acknowledgement is given to people who helped the invited reviewer complete their peer review
- Efforts are made to address bias



# Usefulness

- Reviewers are presented with manuscripts that are ready for review
- Peer review helps researchers better express their work
- Information on how journals evaluate content and choose what to publish is readily available
- Peer reviewers get recognition for their work
- Peer review is improved based on regular review



# Timeliness

- Timeliness is a shared objective for editorial teams
- Authors have information about the timing they can expect from a journal
- Timing is shared between all parties and expectations set and managed
- Automated tools are used to help maintain and improve timeliness and quality

# Activity!

In groups take 10 minutes discuss what practices a journal can do to ensure they are conducting peer review with:

- ❖ Integrity
- ❖ Ethics
- ❖ Fairness
- ❖ Usefulness
- ❖ Timeliness



Then come back and report to the group.

# Wiley can help you conduct better peer review through the unbiased checking of content:

- ✓ Author/reviewer verification
- ✓ Finding reviewers
- ✓ Overlap detection
- ✓ Figure checking
- ✓ Help find the best editorial board members





## **Our next steps.....**

performing better peer review is a responsibility shared by the whole editorial team: editors, managing editors, associate editors, assistants, publishers, reviewers.

Teams can share a culture of continual improvement where they keep reviewing the process to identify where they can make improvements to make peer review better for all.

# Thank you for your participation!

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