Tony Ross-Hellauer
Birgit Schmidt
State and University Library,
University of Göttingen

@tonyR_H
@openaire_eu

OpenAIRE: Opening Peer Review

Open Science Conference
Berlin, 21 March 2017

Why Open Peer Review?

Problems with traditional peer review ...

Picture credit: AJ Cann, CC BY-SA 2.0

- Time
- Accountability
- Bias
- Incentive
- Wasted effort

"Open Peer Review" encompasses diverse constellations of many distinct aspects

** 122 definitions collected and analysed **
** 22 distinct configurations of 7 traits identified **

Primary aspects

- **Open identities**
- **Open reports**
- **Open participation**

Secondary aspects

- **Open interaction**
- **Open pre-review manuscripts**
- **Open final-version commenting**
- **Open platforms**

Image CC BY AC McCann, w/ amendments

Attitudes to Open Peer Review

- **Focus groups on aspects of OPR**
  - Very heterogeneous views on what OPR is
  - No one-size-fits-all: Must respect stakeholder views and cultural differences

- **Online survey of 3,062 authors, reviewers and editors (Sep-Oct 2016)**
  - OPR is already mainstream
    - 76.2% have practical experience
    - 60% believe OPR should be common practice
  - Positive reactions to most OPR traits (esp. open interaction, reports, participation)
  - However, surprisingly strong rejection of open identities (47.7% against)

http://www.nature.com/news/open-peer-review-finds-more-takers-1.20969

Open Peer Review Experiments

OpenAIRE

OpenEdition

open scholar

the WINNOWER

Model workflow for OPR using blogs & annotations

- Pilot project with environmental sciences journal Vertigo
- OPR primarily a social/cultural problem
- Continuing importance of mediators (editors)

First Open Peer Review Module for Repositories

- Open Source D-Space plug-in
- Includes open identities, reports & participation
- + reviewer reputation system

Publish “journal club” proceedings as post-pub reviews

- Open Source Metadata Retrieval tool “Terrier”
- Trial small payments for review (didn’t work)
- Small user survey (v. positive to OPR, need to incentivize review)