

Pushing the Publishing Envelope

Publishing Ahead of Print

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Reasons to Publish Ahead of Print

- Faster time to publish
 - In some cases, time is critical
 - Trims composition time
- Allows societies to publish articles that otherwise would have to wait to be slotted into a printed issue

Suggested Model: Conventional Preprints

Description: in this model, a manuscript is published online as soon as it reaches a predetermined milestone in the peer-review process.

- Typical milestones
 - Accepted for publication
 - Ready for production
- Examples
 - Public Library of Science
<http://compbiol.plosjournals.org/perlserv?request=get-toc-aop&issn=1553-7358>
 - Society of Environmental Toxicology and Chemistry
<http://www.setacjournals.org/perlserv/?request=get-toc-aop&issn=1552-8618>



Conventional Preprints

- Pros:
 - Fastest turnaround
 - Mostly automated
- Cons:
 - Potential quality issues
 - Inconsistent style
 - Several QC checks are skipped

Suggested Model: Just in Time Publishing

Description: in this model, a manuscript goes through a traditional copyediting and typesetting workflow, but it is published online as soon as it is ready for press, regardless of the state of the rest of the issue.

- Need to abandon traditional definition of an issue
 - Think of it solely as a container for already published articles
 - Issue is ‘complete’ as soon as the designated criteria are met
- Examples
 - American Fisheries Society
<http://afs.allenpress.com/perlserv/?request=get-toc-upcoming&issn=1548-8659>



Just in Time Publishing

- Pros:
 - Quality is assured
 - Still faster than traditional publishing
- Cons:
 - Slower of the two models
 - Relinquish control of issue make-up
 - Since articles are published individually, page numbers are assigned in order of publication



Useful Concepts

- Article Versioning
- Digital Object Identifier
 - DOIs provide a perpetual and citable ID that is independent of traditional article metadata.
 - Analogy: email addresses
- Electronic Location Identifier
 - E-location IDs can be used to identify/order the article within an issue without using the page number convention that has very little meaning online.



Thank You!

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