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<https://hdl.handle.net/2324/16848>

出版情報 : DRFIC2009, 2009-12. デジタルリポジトリ連合
バージョン :
権利関係 :

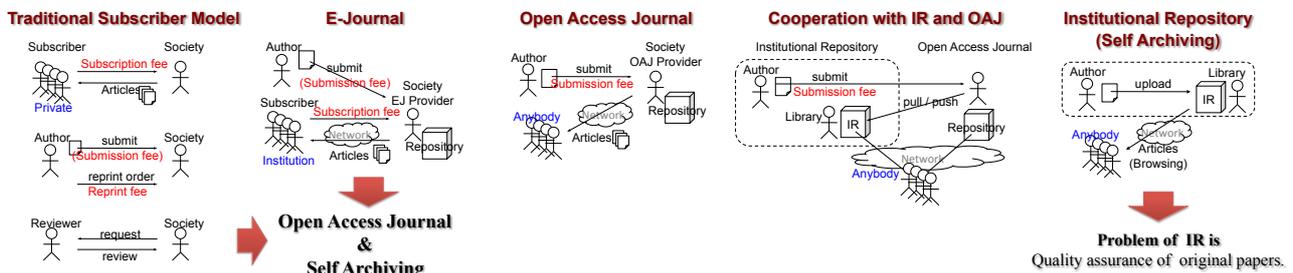
A Model of Publication of Scholarly Papers on Institutional Repositories

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Background

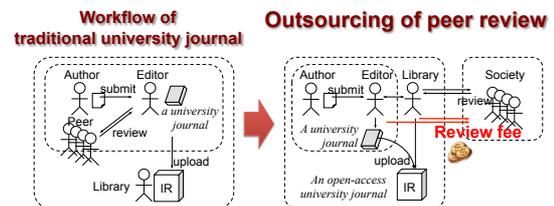
The subscriptions for electric journals occupy a large proportion of the budget of university libraries, which forces to make a fond for the price or restrict the number of journals to read. A solution of the previous problem is the idea of “Open Access” which is to open scholarly papers to the public. Publishing of scholarly papers on institutional repositories is one of activities based on the idea. An increase of the number of the papers stored in institutional repositories is expected to solve the problem of journal prices indirectly, therefore developing institutional repositories for the previous purpose is an immediate necessity.

Business models of scholarly journals



Plan

Right figure shows the workflow of review outsourcing, which we planned. Qualitative improvement of “original” papers is necessary for institutional repositories, and then a concrete measure is refereeing the papers by an authority such as an academic society. The previous model can be regarded as an *open-access journal* based on *self-archiving*. In the case of the print media, “referee” for a warranty of papers and “publication” of papers by printing are operated by an entity such as an academic society and/or a publishing company, however the two services can be provided by different entities in the case of the electronic media.



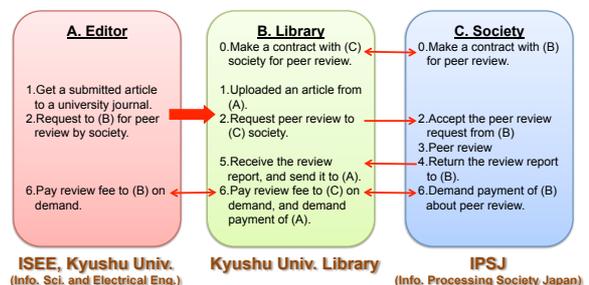
Aim: an improvement of “original” papers in IR
Solution: outsourcing of review of the papers
Problem: fairness of the review

A paper publication system based on the proposed model is expected to affect researchers and publishers as follows. Researchers can obtain a new choice of a journal to which they refer or submit their paper. Publishers can provide a journal which requires no cost of printing papers (for the print media) and managing servers (for the electronic media), that is, a service of only refereeing papers.

Do

We are making a relation of collaboration between ISEE of Kyushu University, and IPSJ (Information Processing Society of Japan). The ISEE has an internal journal named “Research Report on ISEE”, and it is published twice in a year. We plan to outsource reviewing to IPSJ. Articles of RRISSE may be treated as a paper of normal society journal. Reviewer, which are IPSJ member, get benefit. Society, IPSJ in this case, also gets economical benefit, and academic results increase of papers of IPSJ.

In our plan, the review fee from ISEE may be allotted to society subscription fee of the reviewer.



Check & Act

We are planning to develop an “open-review” system on the IR of Kyushu University. Our method may be win-win relation between the university and the society (in this case, Kyushu University and IPSJ). However we have to care about other many university.

We have to consider the following problems.

- Fairness of community
- Quality of review
- Independency of society and university

And we also consider about sustainability of society business. Review fee, paid by university, may not huge. Society must be independent financially.