

A New Online Journal Management System

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In 2009, the HIR Editorial Board took steps to publish a new journal in English, one of which was the adoption of an online submission and peer review system. Systems for academic journals have existed for less than a decade and have become increasingly common in the last few years [1]. They are designed to make the publishing process more efficient and readily accessible to authors and reviewers from all over the world and to accelerate and simplify the process for editors while reducing the related administrative loads.

The taskforce of the Editorial Board investigated and reviewed the available systems used in various disciplines domestically and abroad. There were many different electronic publishing systems at varying stages of evolution and degrees of adoption [2,3]. The taskforce contacted a few representatives of online systems run by well-known international publishing companies because it was expected that those systems were already well established and the accessibility to authors and readers was high. However, the cost of constructing and operating the system was too high for our academic society to afford.

After careful consideration, the taskforce decided to build a system through the domestic company, 'INFOrang' [4]. This company was one of the companies that had relatively extensive experience in publishing journals in Korea, was within our budget range, and had the advantage of being in the same lineup as the company making the printed copies of our journal, 'MEDrang' [5].

In the last 8 years, our journal HIR has made progress.

With much interest and attention from international authors and readers, HIR has achieved great success in being indexed in internationally renowned databases such as PubMed Central, Scopus, and ESCI (Emerging Source Citation Index). We, all editorial board and KOSMI members, appreciate the INFOrang system for the achievement.

Now we want to upgrade our journal management system as a strategy to leap forward. A system with more advanced functions such as reviewer recommendation, plagiarism check, security will be able to assist the editorial process more efficiently and effectively. With the rapid development and diffusion of information systems, most of the programs available work in a similar way [6]. Through another in-depth investigation and discussion of up-to-date journal management systems [7], the taskforce has come to make a critical decision on the system. We decided to adopt the Editorial Manager (Aries Systems, North Andover, MA, USA) as a new system for expanding the global reach of HIR [8].

As an online manuscript submission and tracking system, the Editorial Manager provides a suite of customizable manuscript tracking and reporting tools for authors, reviewers, editors, and editorial office staff from submission to peer review and production. Specifically, Editorial Manager is a Software as a Service (SaaS)-based manuscript submission and peer-review tracking system for scholarly journals supporting pre-press function and digital workflows. This system provides highly configurable content management to streamline communication between editors, reviewers and authors, and manages metadata and files. It provides reliable hosting infrastructures through regular security audits, at least 99.95% availability and a dual, geographically separate disaster recovery center. As authors, reviewers, and editors, you can experience state-of-the-art features related to article publish management system. Some features are highlighted

as follows.

Authors submit manuscript files and metadata and act on revision requests. When submitting their manuscript, authors can disambiguate their identities using authenticated ORCID iDs, normalized institution names from ‘Ringgold,’ and normalized funder IDs from the ‘Open Funder Registry’ [9,10].

Reviewers are invited to work on manuscripts, accept or reject assignments, flag their own availability and specialties for editors, and perform and submit all review tasks right in the system. Reviews can accept or decline assignments based on secure deep links without logging in.

Editors use the system to review submissions, assign to reviewers, and make and communicate decisions to accept, revise, transfer or reject manuscripts. During the process, editors can answer author’s questions quickly, export meta data efficiently, and keep manuscripts well-organized through the core functions such as standards (e.g., ISO 10646-1, ISO 3166, JATS format, and DOIs supports) integrations, article processing charges support, reviewer discovery, reference formatting, e-commerce management, integrated similarity checks, and artwork quality check.

From 2018, you can submit your scholarly manuscript to the newly adopted journal through accessing our HIR journal website (<http://www.e-hir.org>) which has been updated extensively. With the change of the system, there will be an inconvenience at the beginning of use such as membership registration in a new environment. However, I expect that users will be already familiar with the graphic user interface of the system since it is used by thousands of scholarly publishers such as Springer, PLoS, Elsevier, Wolters Kluwer, Wiley, Cell Press, BioMed Central, and Taylor & Francis. I appreciate your understanding of the system change and its accompanying discomfort for the sake of a making HIR a more internationally recognized journal. Please enjoy the new system!

References

1. Ware M. Online submission and peer review systems. Worthing, UK: Association of Learned and Professional Society Publishers; 2005.
2. Cyzyk M, Choudhury S. A survey and evaluation of open-source electronic publishing systems. Baltimore (MD): The Sheridan Libraries, Johns Hopkins University; 2008.
3. Shapiro K. Electronic peer review management [Internet]. Ann Arbor (MI): University of Michigan Scholarly Publishing Office; c2002 [cited at 2018 Jan 17]. Available from: <https://deepblue.lib.umich.edu/handle/2027.42/78538>.
4. INFOrang. E-journal platform [Internet]. Seoul, Korea; INFOrang; c2017 [cited at 2018 Jan 17]. Available from: <http://www.medrang.co.kr/main/main.html>.
5. MEDrang. On-stop convention service [Internet]. Seoul, Korea; MEDrang; c2017 [cited at 2018 Jan 17]. Available from: <http://www.medrang.co.kr/eng/main/main.html>.
6. Enago Academy. How do online manuscript submission systems work? [Internet]. [place unknown]: Enago Academy; 2016 [cited at 2018 Jan 17] Available from: <https://www.enago.com/academy/how-do-online-manuscript-submission-systems-work/>.
7. SPARC. Journal management systems [Internet]. Washington (DC): SPARC; c2013 [cited at 2018 Jan 17]. Available from: <http://sparc.arl.org/resources/publishers/journal-management>.
8. Aries Systems. Editorial manager [Internet]. North Andover (MA): Aries Systems; c2017 [cited at 2018 Jan 17]. Available from: <https://www.ariessys.com/software/editorial-manager/>.
9. Editorial Manager. Tutorial for authors (Version 14.1) [Internet]. North Andover (MA): Aries Systems; c2017 [cited at 2018 Jan 17]. Available from: <https://www.ariessys.com/wp-content/uploads/EM-Author-English.pdf>.
10. Lee CS. Essential unique identifiers for journal and e-journal publishing [Internet]. Vientiane, Laos: APAME; 2017 [cited at 2018 Jan 17]. Available from: <http://lao-space.org/handle/11267/2816>.