PKP ADVISORY COMMITTEE MINUTES

August 8, 2024 - 8am Pacific

Present: S. Betz, , G. Harder, J. Hartwig, M. Jordan, T. Niemann, P. Sarin, K. Stranack, M. Tullney, J. Willinsky
Regrets: J. Alperin, A. Bell, M. Bria, T. Chung, T. Davis, U. Nizami, A. Packer

Please note the new mailing list for the committee: pkp-advisory@lists.sfu.ca

1. Welcome (Marco)

2. Land Acknowledgement (Kevin)

3. Approval of Past Minutes (Marco)

   Changes are welcome until August 12, 2024, when the minutes will be considered accepted.

4. Business Arising (Marco)

   No business arising.

5. Discussion Topic (Marco)
   a. [Presentation](#) on OJS and Large Language Models (John / Parth)

   b. What do you see as the opportunities and risks of artificial intelligence for PKP?

      Questions were raised about incorrect outputs, liability issues, and the burden this model would place on editors to ensure accuracy.

The system does have some built-in verification and may be able to highlight areas where it struggled to focus editor attention. Some elements, such as tables and figures, will likely always require human checks.

Some editors may have trust issues, feeling uncomfortable with whether documents uploaded into the system would come out uncompromised.

It is important to note that the model would do the conversion at the *beginning* of the workflow, and human editors, reviewers, copyeditors, and proofreaders would continue to perform their work of quality assurance.

This model is part of creating a document-centric workflow and moving away from Word-based review and editing, with multiple uploads, downloads, and revisions outside of OJS.

Ethical issues were also raised about the energy consumption required of such models. This is a legitimate concern and it was noted that as the technology improves, energy requirements (and errors) are being reduced.

Trust issues were raised again, especially by editors, some of whom may have little exposure to these kinds of technologies. Any adoption of this model by PKP would need to be communicated very carefully to reassure them of its trustworthiness.

PKP also needs to be careful not to undermine the trust the community has in us. Working with corporate models and systems could be problematic.

PKP needs to balance these concerns with the very real need to help our community move beyond the PDF and to more fully participate in online publishing with HTML/XML. E.g., PubMed Central requires JATS.

Tables are a significant concern. Even if the data within the tables isn't altered, changing the structure of the table (i.e., the rows or columns) could seriously undermine the author's credibility. Could Computer Vision technology help with automated comparison? Some developments are emerging that could help in this manner.

There are risks to document-centric workflow as well. Some authors, editors, and reviewers may not be comfortable doing their work in HTML editors within OJS.

Has anything been published on this model? At this point, only the presentation slides.

Please send any questions to Kevin by August 12, 2024.

    c.   Would the production model outlined by John and Parth be appropriate for a Diamond OA Capacity Hub or some kind of cooperative service provider?

        Due to lack of time, this topic will be carried over to the next meeting. J. Willinksy will provide a summary for those unable to attend today's meeting.

6. **PKP Reports (Kevin, Juan, Marc, Sonya)**

   Any questions from the reports can be sent to Kevin by August 12, 2024.

7. **New Business** (Marco)

   No new business.

8. **Next Meetings** (Marco)
   a. Nov. 15, 2024, 8am - 9am Pacific
   b. Mar. 6, 2025, 9am - 10am Pacific
   c. May 15, 2025, 9am - 10am Pacific
   d. Aug 21, 2025, 9am - 10am Pacific