

Implementation and Replication Studies in Mathematics Education

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Instructions for Authors

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Scope

Implementation and Replication Studies in Mathematics Education (IRME) is an international channel for publishing high-quality academic work on applying and scaling up the insights of mathematics education research. It is also an important channel for bridging the academic communities and the policy-making communities. The journal focuses on implementation and replication research that communicates and investigates initiatives aiming to improve teaching and learning of mathematics by using knowledge from mathematics education research and by re-implementing it in new contexts. The journal considers implementation and replication research as the active use of mathematics education research in practice and as the scientific investigation of questions that relate to implementation and replication initiatives.

Ethical and Legal Conditions

The publication of a manuscript in a peer-reviewed work is expected to follow standards of ethical behavior for all parties involved in the act of publishing: authors, editors, and reviewers. Authors, editors, and reviewers should thoroughly acquaint themselves with Brill's publication ethics, which may be downloaded here: brill.com/page/ethics/publication-ethics-cope-compliance.

Submission

Until an online submission system is in place (expected in 2021), please send your submissions directly to the editors by e-mail:

Editor-in-Chief Uffe Thomas Jankvist (utj@edu.au.dk);

Associate Editor Mario Sánchez Aguilar (mosanchez@ipn.mx);

Associate Editor Morten Misfeldt (misfeldt@ind.ku.dk);

Associate Editor Boris Koichu (boris.koichu@weizmann.ac.il).

Single Blind Peer Review

IRME uses a single blind peer review system, which means that manuscript author(s) do not know who the reviewers are, but the reviewers do know the names of the author(s).

File Format

Authors should make use of Apple Macintosh or PC format and Unicode fonts, (esp. Gentium) or the Brill font. Word and Mellel are preferred word processors. The files should be submitted in both .doc(x) and PDF formats.



Submission Requirements

Language

IRME uses American or British English (other variants of English are also accepted as long as there is consistency in its use). Simple sentence structures and clear expression are encouraged for the benefit of all readers, especially those for whom English is a second language.

Length

Articles should normally be between 8,000-12,000 words. This includes references, footnotes, tables, figures, acknowledgments, etc. We encourage authors to keep their initial submission below 10,000 words, since reviewers often ask for additional information, explanation, etc., thus resulting in longer revised manuscripts.

Manuscript Structure

Submissions should contain the following elements in this order:

1. Title page. Containing name(s) and order of the authors, institutional affiliations, email address, ORCID iD, and postal address.
2. Abstract. The abstract should provide a summary of the key points not exceeding 150 words.
3. Keywords. Up to 6 key words should be provided for the benefit of indexing and abstracting services.
4. The main text (see style guidelines below)
5. Acknowledgements (if applicable). Contributors, collaborators, publication contexts, etc.
6. References. Bibliography, Film/Videography, other.

Headings and Subheadings

Headings should preferably be used at least every 7,000 characters or 1,000 words. Titles and subtitles must be clearly distinguished by their typography. *IRME* uses two levels of headings.

1 The First Level Heading

The text.

1.1 The Second Level Heading

The Text.



Footnotes

Please use footnotes only if necessary; they should not be used instead of in-text citations. Notes should appear at the bottom of the page, with the numerical sequence running throughout the article. These should be kept to a minimum and identified by a superscript number.

References

Citations in Body Text

IRME uses the APA 7 system of in-text citations. Detail of work cited should appear at the end of the paper in the 'References.'

References

Bibliographical references from the main body text must adhere to the APA 7 model for a References List; some basic examples are:

Journal Articles

Century, J., & Cassata, A. (2016). Implementation research: Finding common ground on what, how, why, where, and who. *Review of Research in Education*, 40(1), 169–215.

<https://doi.org/10.3102/0091732X16665332>

Star, J. R. (2018). When and why replication studies should be published: guidelines for mathematics education journals. *Journal for Research in Mathematics Education*, 49(1), 98–103.

<https://doi.org/10.5951/jresmetheduc.49.1.0098>

Books and Book Chapters

Rogers, E. M. (1962). *Diffusion of innovations*. Free Press of Glencoe.

Burkhardt, H. (2013). Methodological issues in research and development. In Y. Li, & J. N. Moschkovich (Eds.), *Proficiency and beliefs in learning and teaching mathematics. Learning from Alan Schoenfeld and Günten Törner* (pp. 203–235). Sense Publishers. https://doi.org/10.1007/978-94-6209-299-0_13

Conference Proceedings Articles

De Bock, D., Deprez, J., Van Dooren, W., Roelens, M., & Verschaffel, L. (2010). Abstract or concrete examples in learning math? A replication and elaboration of Kaminski et al.'s study. In M. F. Pinto, & T. F. Kawasaki (Eds.), *Proceedings of the 34th Conference of the International Group for the Psychology of Mathematics Education* (Vol. 2, pp. 297–304). PME.

Jankvist, U. T., Aguilar, M. S., Dreyøe, J., & Misfeldt, M. (2019). Adapting implementation research frameworks for mathematics education. In U.T. Jankvist, M. van den Heuvel-Panhuizen, & M. Veldhuis (Eds.), *Proceedings of the Eleventh Congress of the European Society for Research in Mathematics*



Education. Freudenthal Group & Freudenthal Institute; Utrecht University; ERME. <https://hal.archives-ouvertes.fr/hal-02429773>

Figures

Photographs and illustrations are very welcome. A minimum of 300 dpi resolution is required for photographs and illustrations. TIFF or JPEG files are preferred.

Line drawings and other diagrams should be in a camera-ready state, capable of reduction and a minimum of 600 dpi resolution is required.

All photographs and illustrations should be accompanied by a caption, which should include the figure number, and appear in sequence, with an acknowledgement to the holder of the copyright, where necessary.

Quotations

Within paragraphs, quotations should be used sparingly and identified by single quotation marks .

Paragraph quotations (longer than 40 words) must be indented with an additional one-line space above and below, without quotation marks.

Publication

Proofs

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