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## EDITORIAL POLICY

- *Journal of Baltic Science Education* (JBSE) publishes original scientific research articles in the field of Natural Science Education and related areas for all educational levels in the Baltic countries and other countries. It is possible to publish special (thematic) issues of JBSE. The papers should be submitted and will be published in English. JBSE will promote to establish contacts between researchers and practical educators, both in the Baltic countries and countries around.
- The authors of the manuscripts are responsible for the scientific content and novelty of the research materials. Articles submitted for publication should not have been previously published. Articles, published before in other international journals or papers' collections will not be accepted for publication in JBSE.
- As a publication that represents a variety of cross-disciplinary interests, both theoretical and practical, the JBSE invites manuscripts on a wide range of topics, especially in the following areas:
  - Didactics of natural sciences.
  - Theory and practice in natural science teacher education.
  - Integrated natural science education.
  - Natural science and technological literacy.
  - General and professional natural science education.
  - Philosophical, political, economical and social aspects of natural science education.
  - The supplementary natural science education.
  - The standardisation of natural science education;
  - Quality of science education;
  - STEM/STEAM education;
  - Science education for sustainable development;
  - History, Epistemology of Science & Science Education etc.

## TYPES OF MANUSCRIPTS

- **Research Papers** (Usually these papers present empirical work).
- **Theoretical/Conceptual Papers** (These papers present non-empirical work).
- **Position Papers** (Position papers can describe/analyse a problem or an issue with a suggested solution or direction).
- **Case Studies** (Case studies highlight a particular issue in science education. They present what theory and/or the research literature reports on the problem or issue, what was done to try to solve or explore it, the results of the project and implications and suggestions for others interested in future research).
- **Reviews** (*Reviews* are usually invited by the Editor. Those who submit *Reviews* should consult with the Editor-in-Chief in advance).
- **Letters to the Editor** (these are brief communications that express an opinion in response to material in a previously published issue of JBSE).

## STRUCTURE OF MANUSCRIPTS

- The body of the text of the manuscript must generally have the following parts:
  - **Abstract** (an abstract is a shortened version of the paper and should contain all information necessary for the reader to determine: (a) what the objectives of the research were; (b) how the research was done; (c) what results were obtained; (d) and the significance of the results; abstract should not exceed 180-200 words).
  - **Introduction** (introduction should provide sufficient background information and the rationale for the present research). This section discusses the results and conclusions of previously published studies, to help explain why the current research is of scientific interest.
  - **Research Methodology** (this part should provide sufficiently detailed information to allow the experiments/or other empirical work/ to be repeated by others. Methodology of research may be organized into subheadings). This section provides all the methodological details necessary for another scientist to duplicate your work.
  - **Research Results** (results may be organized into subheadings. Present the results as concisely as possible. Number figures and tables according to the order of citation in the text [e.g., (Table 1), (Figure 1), (Figure 1 and Table 1), (Table 1 and 2), (Figure 1A), (Figure 1 and 2)]).
  - **Discussion** (discussion should be concise and provide an interpretation of the results in relation to previously published work). The objective here is to provide an interpretation of your results and support for all of your conclusions, using evidence from your experiment (research) and generally accepted knowledge, if appropriate. Suggest future directions for research, new methods, explanations for deviations from previously published results, etc.
  - **Conclusions and/or Implications.** Your conclusion should be the best part of your paper. A conclusion should: (1) stress the importance of the thesis statement, (2) give the essay a sense of completeness, and (3) leave a final impression on the reader.
  - **Acknowledgements** (if any).
  - **References** (references must be in alphabetical order by first author. Each listed reference should be cited in the text, and each text citation should be listed in the references section). Do not use Wikipedia for references. Provide issue numbers for papers. Reference section should not be used for commentary and notes. It is advisable to avoid citations of unpublished PhD or MSc Works – these are not internationally accessible to readers and any referencing them in the text is biased. Referencing needs to be brought in line with the APA7<sup>th</sup> Ed. system.

- **Appendix** (if any). Acknowledgements of people, grants, funds, etc. should be placed in a separate section not numbered at the very end of the paper.
- The structure of the paper can be different if the paper is only theoretical qualitative research.
- It must be clear what is the added value of this research to previous reports. It is obligatory to make sure that reported new information is significant for international level readers of JBSE.

## MANUSCRIPTS GUIDELINES

- The structure of the research paper presented in the *Journal of Baltic Science Education* should be as follows: abstract - *short report of the research*; introduction incl. aim and subject of the research (or research focus); research methodologies and methods; results of the research incl. discussion; conclusions; list of references in APA style (7<sup>th</sup> Ed.).
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- The author should make sure that there is a strict one-to-one correspondence between the names and years in the text and those on the list. All the references should be listed in alphabetical order by author's name.
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**Note 1:** Manuscripts in which references are not in this format (APA 7<sup>th</sup> Ed. style) will be returned without review.

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**Note 5:** A qualitative scientific paper is a description of an event, activity, observation, research or experience. The structure of a qualitative paper includes an abstract, introduction, background to the problem, the researcher's role, theoretical perspective, methodology, ethical considerations, results, data analysis, limitations, discussion, conclusions and implications, references and appendix.

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- Manuscripts will be sent anonymously to reviewers with expertise in the appropriate area. All manuscripts will be reviewed by two experts before JBSE's accept them for publication. This process usually takes about two months (except July and August). The journal co-editors will make minor editorial changes; major changes will be made by the author(s) prior to publication if necessary. JBSE's redaction will sent to author(s) only one proof-reading which must be sent back within 2 weeks. JBSE will not review submissions previously published elsewhere through print or electronic medium.
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- The Editorial board is used the principles of ethics of scientific publications upon recommendations of The Committee on Publication Ethics (COPE)

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