**REQUIREMENTS**

**to the layout of the article manuscript for publication**

1. **Technical requirements**
   1. The text of the article should be typed on a computer in .doc format (Microsoft Word 97/2000; XP 2003).
   2. A4 sheet format. All fields are 2 cm. Book page orientation (including tables, illustrations). Fonts: Times New Roman. The character size is 10 pt. Line spacing - single.
   3. The text should be formatted in width without hyphenation, the indent at the beginning of the paragraph is 1.25 cm. Line spacing is single.
   4. The electronic version of the manuscript of the article is submitted to the editor in one file, the name of which must consist of at least three words: the first is the name of the author (if there are several authors, then the name of the author who paid for the publication of the article), the following are the first two words of the article’s title.
   5. The volume of the manuscript of the article should be at least 4 pages in A4 format.
   6. The manuscript, drawn up in violation of the requirements, is not accepted for publication and is not returned to the author (s).
   7. The date of receipt of the manuscript is considered the date of receipt of the final version of the manuscript, the written appeal of the author, reviews of two experts.
   8. A sample of the article’s manuscript is presented in clause 4 of these Requirements.
2. **Requirements for the design of the text part of the article**
   1. Text, tables, formulas and figures are drawn up in accordance with GOST 2.105-95 "General requirements for text documents".
   2. Mathematical formulas, figures and illustrations embedded in the text are given in black and white, i.e. instead of color you need to use different hatching options.
   3. Figures should be presented clearly executed, the inscriptions on them, if possible, should be replaced by digital or letter designations with the disclosure in the figure caption. The positions in the figure are clockwise.
   4. The text of the article must contain links to the presented figures, tables.
   5. The list of information sources used in the preparation of the article is located at the end of the article and drawn up in accordance with GOST 7.1-2003 “Bibliographic record. Bibliographic description General requirements and rules for compilation ».
   6. Listing of sources is given in the order of references to them in the article. References to sources in the text are given in square brackets [], at the first mention - the number is indicated, for example, [1], then - the number, comma, page, for example, [1, p. 5].
   7. Figures and schemes are also attached as a separate file in jpeg format.

2.8 When using sources from electronic resources or remote access (Internet) in the article, the list contains a bibliographic record of the source and a link to a network resource with a full network address on the Internet.

1. **Requirements for the structure of the article**
   1. In the upper left corner of the sheet are placed:

- UDC - Universal Decimal Code.

- Initials of the name and patronymic, last name of each of the authors, indicating the academic degree (in full).

- Place of work (full name of organization), city, country.

- The email address of the author (all authors) of the article.

3.2 The title of the article, reflecting its content, includes no more than 10 words in bold and a character size of 12 pt. In the title it is not allowed to use abbreviations other than generally recognized.

3.3 An abstract of 250-300 characters is given in the language of the article one interval after the title and is highlighted in italics. The word "***Abstract***" is indicated.

The abstract includes a brief description of the main problem, method, purpose of the study, results and their degree of significance. The text of the abstract should be concise and clear, free from secondary information, unnecessary introductory words, general wording. The abstract is written in italics, the character size is 10 pt, in accordance with GOST 7.9 - 95 (ISO 214-76) " Report and abstract. General requirements".

3.4 Keywords are given in the language of the article and are shown in italics, the character size is 10pt, the phrase *“Keywords”* is indicated. It is recommended to include no more than 7 keywords and / or phrases. Keywords should determine the subject area of the article text, contribute to its search in bibliographic and full-text databases..

3.5 The text of the article should be structured and include the following elements:

- Introduction;

- Materials and methods (for articles of technical and natural science profiles, the research methodology is described, the origin of laboratory equipment and materials is indicated);

- Results;

- Discussion;

- Conclusion;

- Funding Information (if applicable);

- The list of sources

- «Reference**»**

All structural elements should be indicated in capital letters, bold at the beginning of the line and separated by an exact.

3.6 The list of sources used should be presented in two versions:

- in the first version, the sources are given in the original language of the publication to which the author refers;

- in the second version, the sources are given in the Latin alphabet, taking into account **transliteration rules.**

The title « **LIST OF REFERENCE LINKS** »/ «**REFERENCES»** isin bold capital letters.

3.7 After the list of sources used, summarizing information is given in two languages other than the language of the article (Kazakh / Russian / English).

Summary information about the article includes:

- initials of the name and patronymic, surname of each of the authors indicating the academic degree (in full), place of work (name of organization), city, country, e-mail;

- article title;

- abstract;

- keywords.

Information is in italics..

3.8 The pages of the manuscript in the electronic version are not numbered, pagination is affixed only on paper.