



Requirements for the Professional Articles Processing

- 1. The title of the article** reproduces its content and attracts the attention of the scientific audience, including the international one. Contains no more than 12 words.
- 2. The abstract** is presented in one paragraph (not subdivided), it is clear, contains a brief description of the conducted research, reveals the main results of work; the purpose of the article is formulated correctly. The volume of the annotation along with the keywords is not less than 1800 characters.
- 3. Keywords** should specify information about the research, but not generalize it. They are composed of 3-6 phrases, separated by semicolon, are not repeated in the title of the article, correspond to the content of the work.
- 4. Introduction** makes it possible to assess the current state of the problem at the world level (contains at least 10 references to periodical scientific publications published during the last 5-10 years). The introduction is completed with formulation the purpose of the work - "to identify ...", "to describe ...", "to find out ...". There are no square brackets with more than 3 sources in the introduction.
- 5. Analysis of modern national and international research and publications**, in which the solution to this problem was initiated and referred to by the author.
- 6. Highlighting of previously unsolved parts of the general problem**, to which the article is devoted.
- 7. Formulating objectives of the article** (statement of the problem and research methods that are considered).
- 8. Highlighting of the main research material** with the full justification of the obtained scientific results. The section makes it clear that all possible sources of mistakes are excluded in the research, the author has information about all the factors affecting the result and the fully avoids them. The number of experiments should be sufficient, the volume of samples should be consistent with similar research published in international scientific publications. Experimental data are processed by adequate statistical methods (are preferable modern multidimensional as possible). The analysis of the results contains sufficient statistical justification and meets the generally accepted norms of the oil and gas industry.
- 9. Findings** from this research (scientific novelty, theoretical and practical value) should be:
 - laconic, specific, correspond to the purpose and title of the article;
 - do not duplicate word for word in all language versions of annotations;
 - should not start with such phrases as (e.g., « As a result of the research, were obtained the following»);
 - contain new information, do not rephrase any sections of the article is non-existent;
 - the arguments are logical and structured, articles data confirm and justify the findings;
 - prospects of further work in this direction are highlighted;
 - it is represented how the results correlate with expectations and earlier research; it is indicated whether the article confirms or denies existing theories and how the research affected the process of enriching scientific knowledge.
- 10. The References** should be made in accordance with the rules for authors based on DSTU GOST 7.1: 2006 "System of standards on information, librarianship and publishing. Bibliographic record. Bibliographic description. General requirements and rules of complication" and DSTU 8302:2015 "Bibliographic reference. General terms and rules of complication". **It is also necessary to submit transliteration** of literature, for example by link ukrlit.org.

The recommended scope of the article manuscript - from 7 pages.

The electronic version of an article should meet such requirements:

ARTICLE IS TYPED IN THE EDITOR Microsoft Word on a sheet of 210x297 mm format, edges (mm): head – 20, bottom – 25, left – 30, right – 15.

SET ORDER:UDC (Times New Roman (Cyr), font size11, full-out, adjustment –left).

ARTICLE NAME (Arial (Cyr), font size14, bold, cursive, full-out, adjustment – center, spacing on the top and bottom – 9 pt).

INITIALS, AUTHOR'S SURNAME (CO-AUTHOR) (Times New Roman (Cyr), font size11, bold italic, full-out, adjustment – center). Surname of the responsible for submitting the author's article should be marked with an asterisk.

ORGANIZATION NAME, ITS FULL POSTAL AND E-MAIL ADDRESS (Times New Roman (Cyr), font size 11, italic, full-out, adjustment – center, spacing on the bottom – 12 pt). If the authors of the article represent several organizations, it is necessary for each organization to indicate similarly its name, full postal address and e-mail address.

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SUMMARIES IN UKRAINIAN, RUSSIAN AND ENGLISH LANGUAGES – font size (less than the main text of the article) – 10, interval - 1,0. Summary must contain not less than 1800 characters.

MAIN TEXT is typed in this way:

Style “simple”, typeface - Times New Roman (Cyr), font size 12, paragraph indentation – 0,75 s, line interval – 1,0.

TEXT OF THE ARTICLE, CONTAINING ELEMENTS IDENTIFIED ABOVE, WITH AMOUNT OF 7 PAGES.

Spacings in the text are not used except for the units of the article (units, subparagraphs and so on are separated by spacings “before” – 9, “after” – 6).

For typing **formulas** the Formula Editor **Equation v. 3.0** or Math Type 6,9 are used **Styles: Text** – Times New Roman (Cyr), **Function** – Times New Roman (Cyr), italic, **Variable** - Times New Roman (Cyr), italic, L.C.Greek – Symbol, italic, **Symbol** – Symbol, italic, **Matrix/Vector** - Times New Roman (Cyr), **Number** - Times New Roman (Cyr). **Sizes: Full** – 11, **Subscript/Superscript** – 8, **Sub-Subscript/Superscript** – 8, **Symbol** – 14, **Sub-Symbol** – 10.

It is forbidden to use the built-in editor of formulas in MS Office versions 10 and above!

For clarity, it is recommended to separate formulas with spacing on the top and bottom – 6 pt.

The formulas are arranged so that they fit into a column of 80 mm wide!!!

TABLES should be laconic, clear and contain the minimum information needed to demonstrate the essence of the article. Tables should not duplicate the results presented elsewhere in the manuscript (for example, in graphs).

Table name: Times New Roman (Cyr), font size 11, bold, full-out, adjustment – center, spacing on the top and bottom – 6 pt.

Tables are arranged so that they fit into a column of 80 mm or 165 mm wide!!!

ILLUSTRATIONS to the articles (schemes, graphs, charts) must be done in raster (vector) formats (BMP, TIF, PCX, JPG, GIF, CDR) and be added as a separate file.

It is forbidden to use graphics editor MS WORD!!!

Illustrations of photo types should be scanned with a resolution of at least 400 dpi and / or attached in the original.

All figures, graphics, and photographs may be black and white, colored or half-tone.

Illustrations scanned from the periodicals and drawn by-hand are not accepted!!!

Captions for illustrations: Times New Roman (Cyr), font size 10, bold, full-out, adjustment – center. **The inscriptions in the illustrations** are done by the typeface Arial.

It is forbidden to use abbreviations in the names.

Literary sources used by the author with the references in the text, are given at the end of the article in general list in order of mentioning. It should only include sources with references in the article. In the text, the serial number (according to the list) of the literary source to which reference is given, is presented in square brackets, for example, [4].

REFERENCES must be arranged through translit.kh.ua.

In addition to the text of the article, there is a file with the note on the authors (for assigning the DOI index to each publication).

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10. Date of submission of the article to the editor _____

If there are several authors, the note can be issued with a clear indication of the names and place of work in Ukrainian and English.

Manuscripts, that do not take into account the above mentioned requirements, are returned to the author without consideration on the merits. The date upon which the manuscript of the article is proceeded to the editorial office is the date of its final version submission.

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