Journal
of Kryvyi Rih National University

Collection of scientific papers

Kryvyi Rih

General requirements:

Manuscripts for publication in "JOURNAL of Kryvyi Rih National University" are accepted in the language of submission. The electronic version of the paper is sent to the email address: (*naukaknu@ukr.net*). The printed copy of the manuscript is sent to the address mentioned in the footer and on the website of the journal: http://visnykknu.com.ua

Languages are Ukrainian, English, French, German.

Settings page:

The top 2.5 cm,	**Right 2.5 cm**
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Header and footer: top 1.9 cm   **bottom 1.9 cm**

Times New Roman Font. Font size - 11, spacing - single, paragraph - 0,7 cm, portrait orientation. The volume of articles - 4 to 6 pages, fully completed.

Structure of the article:

The first line indicates the index of the UDC, font size 11 with capital letters, left alignment.

5-6 pt, left aligned submitted initials, the surname of author(s) in capital letters; font size 11, separated with a comma (,) scientific degree (Dr. Sc. of technology/economy, Cand. tech. Sciences; Dr. tech. Sciences or engineering, Candidates Sc. Sciences, if several) position (Prof., Assoc., PhD student, lecturer, senior lecturer etc., font size - 11).

The next line indicates the affiliation (Kryvyi Rih Technical University, National Mining University, etc.), left alignment.

5-6 pt, left aligned, the title of the article in capital letters, font size -11, bold, no hyphenation in the title. At the end of the article the point is not put.

The next line in 5-6 pt, width aligned, abstract in the language of the article, font size - 9, indent - 0,7 cm. Volume of 250-300 words, key words – 6-8.

Separately after the article serves information block, which includes UDC, surname and initials of author(s), article title, abstract. All information is provided in three languages, font size - 9. Alignment width of text. Surname, initials of author(s) in bold font.

Abstract (250-to 300 words or 1800-2107 characters (without spaces))   is presented in Ukrainian, English and original languages and should contain the following elements: **objective, methods, scientific novelty, practical significance, results, key words.** The abstract should not repeat the article title.

The above information to the volume of the article is not included.

Article - font size 11, lean font, indent - 0.7 cm, line spacing-single. The text of the article is performed with shifts (ordered "automatically").

If there is a list, then after a colon (:) start a new line without a dash, in small letters, at the end a semicolon (;), the second and other lines of this list served without indent.

Numbering lists are used only when the text is referenced on them. Use the letter *a; b* ... and then the numbers **1, 2** .... . Before any paragraph no marks are placed.

Links to used sources are given in square brackets [1], [1-3] or [1, p. 20].

Requirements to the main text of the article:

In the article should be reflected: the problem statement in general view and its connection with important scientific and practical tasks; the analysis of recent researches and publications which initiated solving this problem and which the author uses; selection of the still unsolved aspects of generic problem, which the article is devoted to; formulation of the article objectives (setting tasks); the main material research with full justification of scientific results; the research conclusions and prospects for further research in this direction.

In this regard, the subtitles of the article must be in bold, sized 11 as follows:

Problem and its connection with scientific and practical tasks. Formulation of the problem in general and its connection with important scientific or practical tasks.

Analysis of recent achievements and publications. The analysis of recent researches and publications which initiated solving this problem and which the author uses; selection of the still unsolved aspects of generic problem, which the article is devoted to.

Statement of the problem. Formulation of aims of the article (setting tasks).

Presentation of the main material and results. Full justification of scientific results.

Conclusions and direction for further research. The findings of this research and prospects of the further development in this direction.

The figure design. The figures should be submitted in Microsoft Word (or scanned in appropriate quality) and inserted in the text. The number of the figure (**fig. 1**. - bold), title, explanatory data font size- 9, as the numbers on the axes of graphs.

References to figures: "**fig. 1.** ..", which is shown in fig. 1, fig. 1*a*, fig. 2*b*" (letters a and b- in italics).

The below text can be placed below the figure or to the right indented from the text above and below (5-6 pt), depending on its size. At the end of the below text the points are not set.

Links to the figure are placed below it or on its field.

Item numbers in the figure or curves on the graphs should be given in italic, as well as in the text of the article, where they have a link, and in the below text.

The size of the figure is optimal. If the picture is small, it is flowed around the text, so the width of text should be at least 40 mm. Allowed to group figures for sealing the article.
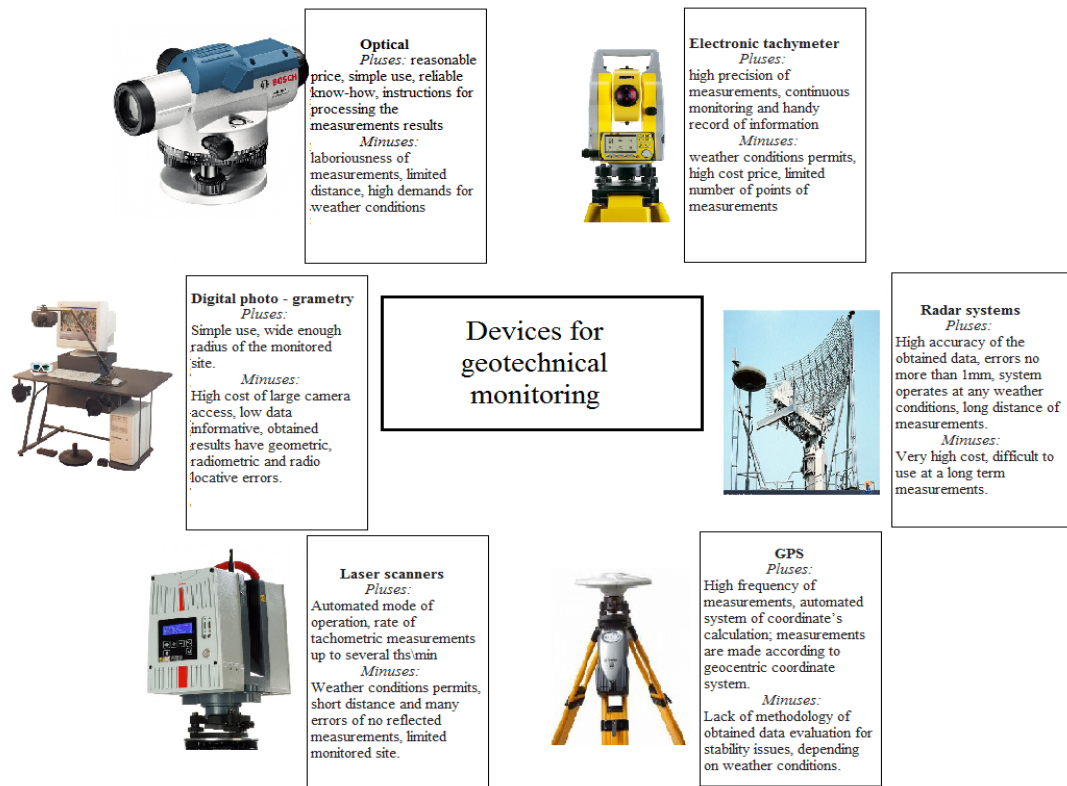
For example:

Fig. 1. Devices for engineering-geological conditions stability monitoring of open cast mining

The design of the formulas. Formulas and equations are in standard text. If there is a symbolic sign, then using the symbol table.

Large and complex formulae are in the formula editor Equation.

Dimensions:

Normal - 11   **Large symbol - 11**
Large index - 8   **Small symbol - 11.**
Small index - 6.

Formulas and equations follow directly by the text where they are referenced. Serial number of the formula –equation is on the right, and the formula itself is in the middle of the page. Numbered only those formulas that are referenced in the text. Before formula the colon is not put. Decoding a formula is a continuous text.

The unit of measurement is placed at the end of the text before writing the formula.

Decoding the formulas begins with "where" - equation on the left, without the colon.

Comply with the syntax rules when you run the text with formulas.

When writing a fractional formula, it is advisable to use a diagonal line to seal a text.

Given the approximation and carrying out the integration in (6), we obtain,

$$I_\lambda^s(Z) = \frac{n\sigma_s}{4} e^{-\sum(\lambda)Z} I_{0,\lambda} \left\{ Z \ln\left(1 + \frac{a^2}{Z^2}\right) + 2a \cdot \text{arctg}\, \frac{Z}{a} \right\}, \tag{6}$$

where a - radius of the disk ultrasound source.

The table design. Font size 9. Table number - alignment to the right. In one interval is the name of the table, no point at the end.

The title and the columns - width alignment, without the right and left frames.

The column headings start with capital letters, subheadings are small.

Columns are not numbered, if they are not referenced in the text.

The column "№ (serial number)"and "Unit of measurement" are excluded. If the required a numbering of the parameter names etc., in the column "Name" is set the ordinal number with a dot, and then in capital letter is a required text, a mark, a symbol (without a comma between them), then a comma (,) is the unit of measurement.

Background of the columns, rows, cells not provided. The thickness of the lines is the same, lean.

References in the text: "table. 1" or "given in table 1". At the end of the text columns, rows are not set.

Table 1.

Analysis of monitoring the effectiveness of the stability of the pit walls and dumps

Method	Method's advantages	Method's disadvantages	Characteristics of the method
Visual	Allows to estimate the field of use of the results of instrumental, geophysical and engineering, geological condition of slopes	Only part of the complex methodology of slopes conditions study	Fixation method is visible on the surface manifestations of abuse for slopes, the character of massif fracturing, water occurrence and effects of blasting
Surveying-geodetic	Gives a quantitative estimate of the slope deformation, reveals the nature of early strain that allows you to make prediction about its development over time	Requires special tracking station	Fixation method is to obtain quantitative and deformation patterns on the surface of slopes and deep massif on the results of measurements of horizontal and vertical displacement of sediments

Literature at the end of the article "Literature", font size 11, no indent, 5-6 pt from the upper and lower lines in italics, no colon at the end.

To start the bibliography with an indent, font size - 9, last name, initials - bold, single spaced, second and other lines of the list to submit without indent. The numbering of references is not automatic.

For example:

Literature

A book with one author

Bryman, Alan. Social research methods. 3rd ed. Oxford: Oxford university press, 2008.

Book with two or more authors

Fabozzi, Frank J., Modigliani, Franco and Jones, Frank J. Foundations of financial markets and institutions. 4th ed. Boston: Prentice Hall, 2010.

E-books

Bowen, Natasha K. & Guo, Shenyang. Structural equation modeling. New York: Oxford University Press, 2012. E-book.

Par t of book

Ellet, Elizabeth F.L. By rail and stage to Galena. In Prairie state: impressions of Illinois, 1673-1967, by travelers and other observers, Paul M. Angle (ed.), 271-79. Chicago: University of Chicago Press, 1968.

Journal a rticle

Lundmark, Linda. Economic Restructuring into Tourism in the Swedish Mountain Range. Scandinavian Journal of Hospitality and Tourism 5, no. 1 (2005): 23–45.

Electronic journal article

Lundmark, Linda. Economic Restructuring into Tourism in the Swedish Mountain Range. Scandinavian Journal of Hospitality and Tourism 5, no.1 (2005): 23–45. doi: 10.1080/15022250510014273.

Larsen, James E. and Blair, John P. The importance of police performance as a determinant of satisfaction with police.American Journal of Economics and Business Administration 1, no.1 (2009): 1-10. http://www.scipub.org/fulltext/ajeba/ajeba111-10.pdf (Accessed 2010-09-29).

Newspaper article

Jowit, Juliett . Corporate lobbying is blocking food reforms, senior UN official warns. Guardian.10-09-22.

Internet newspaper article

Jowit, Juliette . Corporate lobbying is blocking food reforms, senior UN official warns. Guardian. 10-09-22. http://www.guardian.co.uk/environment/2010/sep/22/food-firms-lobbying-samuel-jutzi (Accessed 2010-09-30).

Web-site

Organisation for Economic Co-operation and Development (OECD). Health: OECD says governments must fight fat. 2010.
http://www.oecd.org/document/35/0,3343,en_21571361_44315115_46064099_1_1_1_1,00.html
(Accessed 2010-10-10).

For blogs

Parker, Matt. 2010. The simple truth about statistics. Guardian.co.uk Science blog. 29 September. http://www.guardian.co.uk/science/blog/2010/sep/29/statistics-lies-abuse (Accessed 2010-10-10).

Encyclopedias, dictionaries

Creutzfeldt-Jakob disease. Encyclopedia Britannica. 2010.
http://www.britannica.com/EBchecked/topic/142824/Creutzfeldt-Jakob-disease (Accessed 2010-10-30).

Dissertations

Eckerberg, Katarina. Environmental protection in Swedish forestry: a study of the implementation process. PhD diss., Umeå University, 1987.

Materials of conferences

Hall, C. Michael. North-south perspectives on tourism, regional development and peripheral areas. In Tourism in peripheries : perspectives from the north and south, Dieter K. Müller and.

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