



# INSTRUCTIONS TO AUTHORS

The *Science and Innovation* journal publishes articles and concise reports containing information on scholarly research, R&D works, promising business and innovative projects, know-how in various fields, R&D and thematic materials, as well as announcements of conferences, trade and specialized exhibitions, new scholarly research publications. Articles in Ukrainian and English are accepted for publication in the journal. The materials published in the journal are subject to mandatory peer review. More detailed information about the journal is available at <http://scinn.org.ua/en>.

## Journal Sections

1. General issues of the modern research and innovation policy;
2. Scientific basis of innovation activity;
3. R & D innovative projects of the National Academy of Sciences of Ukraine;
4. The world of innovations; and
5. Legal protection of intellectual property.

## Submission of the manuscript for printing

The manuscript shall be submitted to the editorial office in electronic form through the journal's website. The article components to be downloaded are as follows:

1. Manuscript of the article (full version: authors, institution, title of the article, abstract and keywords in Ukrainian and in English, text of the article, bibliography in Ukrainian and in English, captions to figures, drawings).
2. Manuscript of the article for review (without specifying the authors and the institution).
3. If the article is submitted in English, a translation of the article into Ukrainian (engineering translation) shall be attached to the manuscript.
4. Figures, drawings.
5. List of references in Ukrainian and in English
6. License agreement for the use of the research signed by all co-authors (the form of the agreement can be obtained in the journal or on the website of the journal). The license agreement enters into force upon acceptance of the article for publication. The signature of the license agreement by the author(s) means that they have been familiar with and agreed to the terms of the agreement.
7. Information about each author: surname, name, patronymic in full, position, place of employment, academic title, degree, contact information (phone, e-mail address), ORCID code (required). While presenting the manuscript, the submitter shall enter information about the authors on the journal's website successively about each author, in Ukrainian and in English.

## Requirements for Articles

The following information shall be provided in the introductory part of the article, in Ukrainian and in English:

1) name(s) and initial(s) of the author(s). Particular attention shall be paid to the correct spelling of names and initials in the English version;

2) official name of the institution, full postal address, telephone number, e-mail address of the institution;

3) title of the article;

4) abstract to the article (1800–2000 characters). The abstract shall reflect the consistent logic of presenting the results, describe the main purpose of the research and summarize the most relevant results. It shall distinguish and specify the following structural parts: in Ukrainian: *вступ, проблематика, мета, матеріали й методи, результати, висновки*; in English – *Introduction, Problem Statement, Purpose, Materials and Methods, Results, Conclusions*;

5) 8 keywords, at most.

**The total volume of manuscript:** up to 20 pages, up to 10 figures, for articles; up to 5 pages, and up to 5 figures, for brief announcements. The text shall be structured in the following sections: **Introduction** that outlines the problem, the relevance of the chosen topic, contains analysis of recent research and publications, and formulates the purpose and objectives of research; **Presentation of the main material** of the research and its main results, which shows the obtained scientific facts, methods for obtaining and analysis of the factual material; **Conclusions** summarizing the research, scientific novelty, and prospects for further research in this area; **Research funding** that provides information on the source of funding, grants, and any other financial support of research, with the indication of full names of R&D institutes and sponsoring organizations; **Acknowledgment** that provides general information on any research assistance and article preparation; information about helpful discussions, thanks to colleagues and reviewers (in special cases); notification of provision of materials, data, computer software, devices for temporary use; information on research carried out in collective use centers; assistance in the technical preparation of the text; as well as information on any other persons and activities that are judged to be useful but not sufficient to be considered contributors to the work; and **References list**.

**Text.** MS Word editor (\*.doc) shall be used for typing. The text shall use 12-font size at one and a half intervals on A4 paper. The title of the article and subsections shall be in bold capital letters. It is necessary to provide definitions of quantities or abbreviations that are first used in the text, and then use the appropriate term.

**Tables** shall be made using the MS Word spreadsheet editor and be given in the text after the first reference to the table with its number and name. Using pseudographic characters in tables is not allowed.

**Formulas** shall be typed in Equation or MathType formula editors. No handwritten formulas are allowed in articles for print.

**Figures** shall be printed out on separate sheets, with an approximate size of 160 × 200 mm, at most. The text in the figures shall be typed using font size 10. Units of measurement in the graphs shall be given with a comma. The figures shall be numbered in the order of their location in the text, parts of the figures shall be denoted with letters *a, b, ...*. On the back of the figure, its number and the “upper” part shall be indicated by an arrow (if necessary), using a pencil. The figures shall be submitted digitally in separate files in \*.eps or \*.tiff formats with a resolution of at least 300 dpi. Figures made using mathematical and statistical software packages shall be converted to the above mentioned graphic formats. Photos shall be submitted in \*.tiff format with a resolution of at least 300 dpi. Captions and texts in the image files shall be printed in italic. If there are significant text parts in the figures (more than 100 characters), they shall be submitted individually typed in MS Word editor and placed in the text of the article after the caption to the corresponding figure.

**Captions to the figures** shall be given in the manuscripts after the list of references.

The **list of references** used shall be given at the end of the article. References to literary sources (books (monographs, separate chapters, etc.), articles from scholarly research periodicals, conference materials, patents and copyright certificates, dissertations or their abstracts, online resources) shall be numbered consecutively, in the order they are cited in the text of the article. References to unpublished works and research in progress are inadmissible.

The names of articles, monographs, collections of papers, theses of reports, abstracts of dissertations and preprints shall be specified in full. For articles, it is obligatory to give the names of all co-authors (if there are from one to seven authors; if there are eight or more authors, list the first six authors, put ellipsis (...) and indicate the last author), title of the publication, year, volume, number, start and end pages; for monographs, place of publication (specify full city name), year of publication, and total number of pages.

REFERENCES are a list of literature translated into English and designed in accordance with the international **APA (American Psychological Association) style** for scholarly research publications. The names of periodicals (journals) shall be given in accordance with their official Latin spelling at the ISSN registration number. The source shall be labeled with the original language (for example: [in Ukrainian]) and DOI (if available), for example: <https://doi.org/10.15407/scin13.05.019>.

## Examples of References to Literary Sources

### Articles in journals

Kotlyarevskyy, Ya. V., Kniaziev, S. I., Melnikov, A. V. (2015). Development directions of innovative processes in publishing and printing industry. *Science and Innovation*, 11(2), 5–19 [in Ukrainian].

Surianinov, M., Shylylaiev, O. (2018). Calculation of plate-beam systems by method of boundary elements. *International*

*Journal of Engineering and Technology (UAE)*, 7(2), 238–241. <https://doi.org/10.14419/ijet.v7i2.23.11927>.

### Books

Tunytysya, Yu. Yu. (2006). *Ecological economy and market: Contradictions overcoming*. Kyiv [in Ukrainian].

Dementiev, V. Ye. (2016). Long waves in the economy: institutional aspect. In *Crises and forecasts in the light of the theory of long waves* (Eds. L. Ye. Grinin, A. V. Korotayev, R. S. Grinberg). Moscow: Moscow editors' office of Publishing house Uchitel. P. 124–139 [in Russian].

### Materials of conferences

Vovk, M. I., Peleshok, S. R., Galyan, E. B., Ovcharenko, M. A. (2016, February). Method for the motor and sensory speech disorders assessing. *Collection of articles of the scientific information center “Knowledge” based on the materials of the XI international correspondence scientific-practical conference: “The development of science in the XXI century”, part 3 (15 Feb 2016, Kharkiv)*. Dnipropetrovsk, 64–70 [in Russian].

### Patents

Vovk, M. I., Halian, Ye. B., Pidopryhora, O. M. *Patent of Ukraine № 111388*. A method of treating speech disorders [in Ukrainian].

### Copyright certificates

A. s. 1810306 SSSR, MKI5 S 02 F 1/469. Sposob demineralizacii vodnyh rasvorov. V. D. Grebenjuk, N. P. Strizhak, V. V. Goncharuk, A. O. Samsoni-Todorov, A. V. Grechko. No. 4934753; zayavl. 08.05.91; opubl. 23.04.93, Bjul. No. 15.

### Dissertations and abstracts of dissertations

Vinichenko, O. M. (2017). *System of dynamic control of socio-economic development of an industrial enterprise*. (PhD) (Econom.). Dnepr [in Ukrainian].

### Regulatory documents

On Higher Education: Law of Ukraine from 05.09.2016. No. 2145-VII. *Voice of Ukraine*. 2016. September 27 (No. 178–179), pp. 10–22 [in Ukrainian].

Social Welfare Issue: Resolution of the Cabinet of Ministers of Ukraine from 28.12.2017. No. 1060. *Official Bulletin of Ukraine*. 2018. No. 5, pp. 430–443 [in Ukrainian].

DSTU B V.2.7-226:2009 (2010). Building materials. Concretes ultrasonic method of strength determination. Kyiv [in Ukrainian].

### Online resources

Scientific publications and publishing activities of the National Academy of Sciences of Ukraine. URL: <http://www.nas.gov.ua/publications> (Last accessed: 19.03.2014).

When referring to *Science and Innovation* journal materials, please use abbreviation *Sci. innov.*

Articles that do not comply with the editorial requirements are not accepted.

Authors are responsible for the accuracy of information, facts and other information, references to regulations, citations, and spelling of proper names.