

Research paper / Review paper/ Case study

Replace the placeholder text with the correct type of your manuscript.
Font: Times New Roman 12 pt, right-aligned, indentation 0.5 cm

Paper title (TNR 18 pt)

Maximum 15 words, font: Times New Roman 18 pt, bold, centered, sentence case: only the first word and proper nouns are capitalized, do NOT use ALL CAPS,

✓ Example: **Experimental verification of the rigid plastic bond model**

Full Name¹, Full Name², Full Name³ (TNR 14 pt, centered)

(Remove for peer-review; add after reviews) Add them back after reviews in your final version, use the full first name and surname, and the order must match ORCID records

Abstract: The abstract text should contain 150–250 words and be written as one single paragraph. Font: Times New Roman 10 pt; alignment: justified, line spacing 1.0, left and right indenting: 0.5 cm. Do NOT include references, equations, tables, figures, or special characters. Required structure is: purpose → methods → results → conclusions.

Keywords: provide a list of up to 6 keywords, arranged alphabetically and separated with commas. Do NOT use semicolons, do NOT add a full stop at the end. Font: Times New Roman 10 pt.

✓ Example: **Keywords:** composite column, interface stiffness, natural bond

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1. Introduction (Times New Roman 16 pt)

Manuscripts submitted to *Archives of Civil Engineering* must be prepared strictly in accordance with this template. Correct formatting and linguistic accuracy are the sole responsibility of the author(s). The total length of the manuscript must not exceed **16 formatted pages**, including tables and figures. Only authors affiliated with Polish institutions may include up to **two additional pages containing a Polish summary** placed at the end of the article.

The text must begin on the second page and start with the section title: 1. Introduction. The manuscript body must be written in continuous paragraphs, with no blank lines between paragraphs. Do **NOT** use all-capital letters anywhere in the manuscript body, except for abbreviations or short method names (e.g., SCC, CAPITAL MODE). Only fonts available in standard Microsoft Word software may be used. All figures and photographs must have a minimum resolution of **300 dpi** and must be clear and readable. Upload each figure **separately** in the Editorial System. Do NOT rely only on figures embedded in the Word file.

All manuscripts must be submitted via the journal submission system: <https://www.editorialsystem.com/ace/>.

1.1. The first page (Times New Roman 14 pt)

The first page must contain **ONLY the elements listed below** and in this exact order:

- **Paper type** (e.g., *Research paper*, *Review paper*, *Case study*): Times New Roman, 12 pt, right-aligned; indentation 0.5 cm
- **Paper title**: sentence case: only the first word and proper nouns capitalized, Times New Roman 18 pt; bold; centered, e.g., **The recently built Polish large arch bridges**
- **Author's names**: must be linked to a footnote, not written as plain text. In the footnote include: academic title, full affiliations, postal address, e-mail address (**clickable**), and ORCID (**clickable**), names must match ORCID exactly, use format: ORCID: [0000-0002-9079-593X](https://orcid.org/0000-0002-9079-593X), Times New Roman 10 pt.
- **Abstract**: 150-250 words; one paragraph only; Times New Roman 10 pt; line spacing 1.0, left and right indentations 0.50 cm; justified text; no references, tables, figures, equations, or special symbols
- **Keywords**: maximum 6 keywords, alphabetical order, separate with commas, no semicolons, no full stop at the end
- **Page margins**: top, bottom, left, and right margins set to 2.5 cm

The main text of the article must begin on **page 2** as a new numbered section. The manuscript must be prepared in standard Microsoft Word, using **Times New Roman 12 pt font** with **1.5 line spacing** on single-sided A4 pages. Pages must not be numbered. The text must be divided into numbered chapters (1, 2, etc.) and, if necessary, subchapters (1.1, 1.2, etc.).

2. Mathematics

2.1. Tables and figures

All tables and figures must be numbered consecutively in the order in which they are cited in the text and must have descriptive titles.

- **Figure captions** must be placed below the figures.
- **Table titles** must be placed above the tables.
- All tables must be fully **editable**; images of tables are not accepted.

Tables and figures must be inserted immediately **after their reference in the text**. In the text, use “Fig. 1,” “Fig. 2”, etc.; at the beginning of a sentence, use “Figure 1”. Do not abbreviate the word “Table.”

Leave **one empty line before and after each table or figure**.

- Titles of tables (above the table) and figure captions (below the figure): Times New Roman 11 pt; centered
- Text inside tables: Times New Roman 10 pt; centered (examples below).

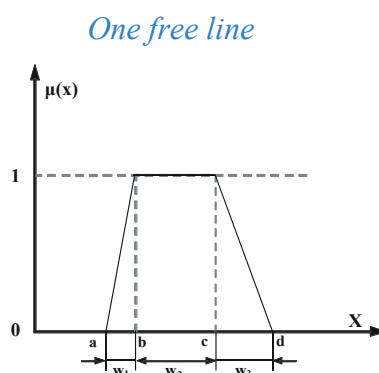


Fig. 1. The figure title (*no full stop at the end*)

One free line

Colour figures are accepted **only if colour is essential for correct interpretation**.

One empty line

Table 1. The table title (*no full stop at the end*)

1	2	3	4	5	6
A	Text tab. 10 pt.		Centre align		
B					
C					

One free line (12 dpi)

The following **graphic formats** are accepted:

- Vector drawings: Excel, EPS, Corel
- Photographs: JPG, TIFF (bitmaps are not accepted)
- The minimum resolution for all images is 300 dpi.

2.1.1. Units and mathematical formulas (Times New Roman 12 pt)

All mathematical formulas must be fully editable. Only SI units and symbols may be used. International notation must be applied (decimal point, not comma, e.g., *1.4*). Mathematical formulas must be created using the Microsoft Equation Editor and centered on the page. Indices, exponents, and Greek symbols must be clearly legible.

Equations must be numbered **consecutively within each Chapter**, e.g., (1.1), (1.2) in Chapter 1; (2.1), (2.2) in Chapter 2, and so on. Equation numbers must be placed in parentheses on **the left-hand side**. Equations should be referred to in the text as Eq. (1.1), Eq. (2.1), Eq. (2.2), etc. Do **not** place punctuation marks after equations. All equations included in the manuscript must be numbered.

The following formula defines the energy (E):

One empty line

$$(1.2) \quad E = \frac{\alpha m c^2}{34}$$

One empty line

where: (Times New Roman 11 pt; justified)

α – coefficient of difficulty of presented problems, m – mass of the author(s), c – velocity of writing a paper

One empty line

References (Times New Roman 12 pt)

References in the paper must be listed in numerical order according to their first appearance in the text. The reference list must include only the works cited in the manuscript. Use Arabic numerals in square brackets [...]. Use the full journal titles (e.g., Archives of Civil Engineering). Ensure consistency in spelling, capitalization, and punctuation. Check the reference details against the source—you indicate that you have read a source when you cite it. Be consistent with your referencing style across the document and follow our format, compatible with the IEEE Citation Style. The reference list appears at the end of the paper in Times New Roman, 10 pt, with 1.0 line spacing.

Provide DOI numbers as active links wherever available and use a consistent format (e.g., doi: [10.1037/a0040251](https://doi.org/10.1037/a0040251)). Use a comma before the word doi and lowercase letters. Each reference must end with a period.

Authors may use reference management software such as Mendeley or Zotero.

The IEEE citation style we adopted has three main features:

- The author's name: initial of a name and last name, e.g., **A. Smith**
- The title of an article, chapter, patent, article from Conference proceedings (published), and papers presented at Conferences (unpublished) is in quotation marks, e.g., **“Hyperloop – Civil engineering point of view according to Polish experience”**
- The title of a book or journal is in italics, e.g., *Robot vision*, *Archives of Civil Engineering*

Use the format illustrated below. Follow the details exactly: put a comma after an author and a journal title, but a period after a book title. Cite page numbers as pp., and abbreviate all months to the first three letters (e.g., Jun.) Use the full names of journals such as “Archives of Civil Engineering”.

Book: Author(s), *Book title*. Location: Publishing company, year.

[1] B. Klaus and P. Horn, *Robot vision*. Cambridge, MA, USA: MIT Press, 1986. **No comma before and, use a comma when there are more than two authors**

Edited book: Ed(s). *Book title*. Location: Publishing company, year.

[2] A. Smith, Ed. *Robot vision*. Cambridge, MA, USA: MIT Press, 1986.

[3] A. Smith and J. Nowak, Eds. *Robot vision*. Cambridge, MA, USA: MIT Press, 1986.

Book Chapters: Author(s), “Chapter title”, in *Book title*, edition, volume, Editor's name, Ed. Publishing location: Publishing company, year, pp.

[4] G. O. Young, "Synthetic structure of industrial plastics", in *Plastics*, 2nd ed., vol. 3, J. Peters, Ed. New York: McGraw-Hill, 1964, pp. 15-64.

Article in a Journal: Author(s), “Article title”, *Journal title*, vol., no., pp. (or art. no.), year, doi: ...

- [5] G. Liu, K. Lee, and H. F. Jordan, "TDM and TWDM de Bruijn networks and shufflenets for optical communications", *IEEE Transactions on Computers*, vol. 46, pp. 695-701, 1997.
- [6] M. T. Grzesiak, A. Ostrowska, K. Hura, G. Rut, F. Janowiak, A. Rzepka, T. Hura, and S. Grzesiak, "Interspecific differences in root architecture among maize and triticale genotypes grown under drought, waterlogging, and soil compaction", *Acta Physiologiae Plantarum*, vol. 36, no. 12, pp. 3249-3261, 2014, doi: [10.1007/s11738-014-1691-9](https://doi.org/10.1007/s11738-014-1691-9).

Articles from Conference Proceedings (published) Author(s), "Article title", in *Title Conference proceedings*. Location: Publishing company, year, pp.

- [7] M. Wittke, "Design, construction, supervision and long-term behavior of tunnels in swelling rock", in *Eurock 2006: multiphysics coupling and long term behavior in rock mechanics: Proceedings of the International Symposium of the International Society for Rock mechanics, EUROCK 2006, 9-12 May 2006, Liege, Belgium*, A. Van Cotthem, et al., Eds. London: Taylor & Francis, 2006, pp. 211-216.
- [8] G. Veruggio, "The EURON robotics roadmap", in *Proceedings of the 2006: 6th IEEE-RAS International Conference on Humanoid Robots*. 2006, pp. 612-617, doi: [10.1109/ICHR.2006.321337](https://doi.org/10.1109/ICHR.2006.321337).

Papers Presented at Conferences (unpublished): Author(s), "Paper's title", presented at Conference name, Conference date, location, year.

- [9] B. Brandli and M. Dick, "Engineering names and concepts", presented at The 2nd International Conference on Engineering Education, 16-18 November 2009, Frankfurt, Germany, 2009.

Standards/Patents: Author(s)/Inventor(s), "Name/Title", Country where patent is registered. Patent number, date.

- [10] E.E. Rebecca, "Alternating current fed power supply", U.S. Patent 7 897 777, Nov. 3, 1987.

Norm:

- [11] PN-EN 54-4:2001 Systemy sygnalizacji pożarowej. PKN, 2001.

Books (online): Author(s), "Title of chapter in the book", in *Title of the published book*, xth ed. Publishing location: Publishing company, year, pp. [Online]. Available: <http://www.web.com>. [date accessed].

- [12] P. B. Kurland, and R. Lerner, Eds. *The Founders' Constitution*. Chicago, IL, USA: Univ. of Chicago Press, 1987. [Online]. Available: <http://press-pubs.uchicago.edu/founders>. [Accessed: 13 Dec. 2020].

Journal (online): Author(s), "Name of paper", *Journal title*, vol., pp., date. [Online]. Available: site/path/file. [date accessed].

- [13] A. Paul, "Electrical properties of flying machines", *Flying Machines*, vol. 38, no. 1, pp. 778-998, Oct. 1987. [Online]. Available: www.flyingmachjourn/properties/fly.edu. [Accessed: 13 Dec. 2020].

World Wide Web: Author(s), "Page Title", Website Title. [Online]. Available: Complete URL. [date accessed].

- [14] M. Duncan, "Engineering Concepts on Ice". [Online]. Available: www.iccengg.edu/staff.html. [Accessed: 13 Dec. 2020].

Dissertations and Theses: Author, "Title", Degree level, school, location, year.

- [15] S. Mack, "Desperate Optimism", M.A. thesis, University of Calgary, Canada, 2000.

*If you are quoting a publication written in Cyrillic, you must translate the title into English and include the information at the end of the citation (in Russian).

*If you cite a Polish publication and translate its title into English, add parentheses (in Polish) at the end.

Do not include a list of figures and tables.

Summary in Polish (for Polish authors only)

Tytuł artykułu (Times New Roman 11pt)

Słowa kluczowe: do 6 słów kluczowych; w kolejności alfabetycznej; oddzielonych przecinkiem; Times New Roman 9 pt

Streszczenie: (maximum two pages; Times New Roman 10 pt; justified; line spacing 1.0, written as one paragraph).

Please note: correct paper formatting is the responsibility of the authors.

FINAL CHECKLIST (MUST BE COMPLETED BEFORE SUBMISSION)

Page layout and formatting:

- ✓ All margins (top, bottom, left, right) are set to **2.5 cm**.
- ✓ The manuscript is typed using Times New Roman 12 pt with 1.5 line spacing on a single-sided A4 sheet. Pages are NOT numbered.

First page:

- ✓ The first page includes ONLY: paper type (right aligned); title (sentence case, bold, centered); full authors' names (to be removed in the first draft for the review); affiliations as footnotes; e-mail addresses (clickable), ORCID (clickable).
- ✓ The abstract is written in Times New Roman 10 pt with 1.0 line spacing, 0.50 cm left and right indentations, and justified alignment.
- ✓ There are a maximum of 6 keywords, in alphabetical order, separated with commas, no full stop at the end.

Structure of the manuscript:

- ✓ The main text starts on page 2, the second page, and all subsequent pages begin with a new numbered section. Headings are written in sentence case and are numbered.

Figures and tables:

- ✓ Figures and tables are inserted into the text and cited in the text BEFORE insertion, provided with titles, and numbered consecutively. References to figures and tables in the text use the format Fig. 1, Fig. 2, etc., and Table 1, Table 2, etc.
- ✓ Figure files are uploaded as separate files in the Editorial System.
- ✓ All figures: minimum **300 dpi**

Equations:

- ✓ All mathematical formulas are fully editable, and Equations are numbered in brackets on their left side, depending on the chapter.

Length and additional content:

- ✓ The paper does not exceed 16 pages, including tables and figures. Only authors affiliated with Polish institutions may include up to 2 additional pages of an extended Polish summary at the end of the article.

References:

- ✓ Formatting is consistent with **IEEE style**
- ✓ References include DOI numbers where available, provided as clickable links.