

1 **Paper Title, manuscript preparation instructions for the**
2 **Journal GRAĐEVINAR (CIVIL ENGINEER)**

3
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11 **Note:**

12 The first page must contain only the title of the paper (six to seven words), names of authors (no more
13 than 5 authors), affiliation of authors, and data on the corresponded author.
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Paper title, manuscript preparation instructions for the journal GRAĐEVINAR (CIVIL ENGINEER)

Abstract (12 pt Arial bold)

The second page must contain the title of the paper (without the authors' names), abstract, keywords and the first part of the paper. In the title of the article only the first letter of the first word should be capital (unless proper nouns are used), while the rest must all be lower case letters. **The title of paper may vary from seven to eight words.** The paper must be preceded by an abstract in which the author will briefly describe the theme treated, procedures applied, and results obtained. **The abstract may vary from 500 to 520 characters in size (90 to 100 words).**

Key words: the author must formulate 5 to 7 key words that describe main points of the paper

1 Introduction (12 pt Arial bold)

Text must be prepared using A4 paper format with 25mm margins in 10pt Arial font, with 1.35 line spacing. It should be positioned in one column and aligned to both the left and right margins (justified). This format is suitable for the reviewer or language editor notes. Chapter headings should be aligned to the left and formatted in 12pt Arial bold.

Manuscripts including all appendixes should be submitted to the Editorial office. Documents should be prepared using Word 97 - 2003 file format (.doc) and submitted in digital form. They can be submitted in person or by regular mail on a CD, via the journal website www.casopis-gradjevinar.hr using the on-line submission system (preferred method), or by e-mail to gradjevinar@hsgj.org.

1.1 Second level heading (10pt Arial bold)

Titles of subsections should be written in **10pt Arial bold**, while 10pt Arial should be used for other text. It is important that the grammar and spelling of your paper be correct. If English is not your first language, please have a native English speaker check your paper for you. When finished, double-check the entire paper thoroughly, and make sure that all figures, captions, tables, equations etc. are legible, as these often present problems.

1.1.1 Third level heading (10pt Arial bold)

It is not recommended to use more than three levels of headings.

2 Mathematical formulas, figures, tables

2.1 Mathematical formulas and equations

All equations must be clearly set. When referring to equations in the text, the equation number should be preceded by the word 'eqn' or 'eqns', while the equation number should be put in parentheses, i.e. eqn (1). Equations should be numbered simply (1), (2), etc. Do not set them in bold type. Please ensure that subscripts and superscripts are clearly legible. Equations should be placed in separate paragraphs.

$$\mathbf{M}_v \ddot{\mathbf{z}}(x, t) + \mathbf{C}_v \dot{\mathbf{z}}(x, t) + \mathbf{K}_v \mathbf{z}(x, t) = \mathbf{f}_v - \mathbf{n}(x, t). \quad (1)$$

1 Explanation of the marks used in the equation should be given after the equation.

2 **2.2 Tables**

3 Tables must be set as a part of the text, but smaller font sizes may be used, providing they are clearly
4 legible, to enable the table to fit the space. All tables should be centred on the page and must have a
5 caption that should be placed immediately above the table. Large tables may be set landscape, i.e.
6 sideways on the page, reading up.

7
8 **Table 1.** Measurement results

Components	B20	B10
Hydrocarbons CH, %	-11.09	-56.3
Solid particles, %	-18,0	-55,4
CO, %	-13	-43
CO ₂ , %	-16	-78

9

10 **2.3 Figures, photographs, illustrations, diagrams**

11 Figures (drawings, charts, photographs, etc.) can be black-and-white or in colour, and may be in JPG,
12 TIFF or BMP file format, with a resolution of 300dpi. Vector graphics produced using AutoCAD or
13 similar software should be converted to a popular vector format (wmf, emf, svg), or to JPG, TIFF or
14 BMP raster format, with size fitted to article format. Photographs, if any, should be prepared in
15 adequate resolution (300 dpi). Every figure should be numbered, titled and positioned in the paper. All
16 figures must be given sequential numbers (1, 2, 3, etc.) and have a caption placed below the figure.



17
18 **Figure 1.** Title of figure

19

20 **2.4 Cross-ref's (equations, figures, tables, etc)**

21 When referring to equations, enclose the numbers in parentheses and precede them with "Eq." or
22 "Eqs.". Put an unbreakable space between "Eq." and the number. For example, you can refer to Eq.
23 (1).

24 When referring to figures, precede the number with "Figure". Put an unbreakable space between
25 "Figure" and the number. For example, you can refer to Figure 1.

26 When referring to tables, precede the number with the word "Table". Put an unbreakable space
27 between "Table" and the number. For example, you can refer to Table 1.

1 When referring to sections, subsections and sub-subsections precede the number with the word
2 “Section”. Put an unbreakable space between “Section” and the number. For example, you can refer
3 to Section 2 or Section 3.2.2.

4 **3 Other important information**

5 Scientific papers must be original and still unpublished contributions, and should not simultaneously
6 be offered to another journal, congress, conference etc. The author is responsible for the information
7 presented in the paper and for obtaining any approvals that may be needed for publication of
8 individual pieces of information. The author is required to propose category for the paper submitted,
9 but the final decision rests with the Editorial Board. Scientific papers are evaluated by two reviewers
10 as nominated by the Editorial Board. As of January 2012, the so called **double blind review** will be
11 applied for review of papers received by the journal, and so the authors will not know who the
12 reviewers are and, conversely, the reviewers will not know who the authors of the papers they are
13 reviewing are. The web pages of the journal will enable the authors to easier register their papers with
14 the editor’s office, and to monitor current status of their papers.

15 The authors of categorized papers will be given a complimentary copy of the journal in which the
16 paper was published. All papers are published in Croatian language. However, the on-line edition of
17 the journal will feature full versions of all papers in English language as well. In this way,
18 GRAĐEVINAR will enable the authors to present results of their scientific research and their valuable
19 ideas and experience to the scientific and professional community, not only in areas where Croatian
20 language is in use, but also throughout the entire international scientific and professional community.
21 Authors can submit papers in any European language. Editorial Office can provide translation and
22 proofreading of the text, but the authors will bear the cost of this activity. All contributions will be
23 proofread by a language editor prior to publication. The Editorial Board makes decision on the
24 acceptance and categorization of papers, based on opinion expressed by reviewers.

25

26 **3.1 Length of papers**

27 The length of scientific and professional papers can be up to 35,000 characters. This length may be
28 exceeded only if approved by the Editorial Board. Papers must be produced electronically and be PC
29 compatible. Also, papers must be prepared using the templates and submitted both in their original file
30 format as DOC (MS Word) files, and in PDF format.

31

32 **3.2 Units**

33 The use of **International System of Units** (SI) is strongly recommended, and mixed units are to be
34 avoided.

35 **4 Conclusion**

36 The results described in the paper, and the effectiveness of the method used, should be stated in
37 conclusion. Any limitations regarding the possibility and scope of use of the results should also be
38 indicated.

1 Acknowledgements

2 A short acknowledgement section can be written between the conclusion and the references. Avoid
3 expressions such as “One of us (A.B.) would like to thank ...”. Instead, write “Author thanks ...”.
4 Sponsorship and financial support acknowledgments should be included here. Acknowledging the
5 contributions of other colleagues who are not included in the authorship of this paper is also added in
6 this section.

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9 presented at the end of the paper: the reference must not be cited in footnotes. The reference must be
10 presented in chronological order, in the order it is referred to in the text. For citations in the text, please
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16 book was published, year of publishing*); [3] Book chapters; [4] Papers in conference proceedings; [5]
17 Personal communications; [6] Web sites. Formatting instructions for individual reference types are
18 given below:

- 19
- 20 [1] Popp, K., Kruse, H., Kaiser, I.: Vehicle-Track Dynamics in the Mid Frequency Range, *Vehicle System
21 Dynamics*, 31, pp. 423-464, 1999.
- 22 [2] Esveld, C.: *Modern Railway Track, Second edition*, TU-Delft, 2001.
- 23 [3] Schwager, T., Poschel, T.: Rigid Body Dynamics of Railway Ballast (Chapter), *System Dynamics and Long-
24 Term Behaviour of Railway Vehicles, Track and Subgrade*, eds. K. Popp & W. Schiehlen, Springer-Verlag,
25 Berlin and New York, pp. 451-470, 2002.
- 26 [4] Lazarevic, D., Dvornik, J.: Selective Time Steps in Predictor-Corrector Methods Applied to Discrete Dynamic
27 Models of Granular Assemblies, *4th International Conference on Analysis of Discontinuous deformation*,
28 Glasgow, pp. 193-201, 2001.
- 29 [5] Person, A.: *Personal communication*, 20 November 2008, Position of Person in Company, Name of Company
30 or University, City, Country.
- 31 [6] APS-The street level power supply, www.transport.alstom.com, dd.mm.yyyy.
- 32