

INFRAESTRUCTURA VIAL JOURNAL UNIVERSITY OF COSTA RICA

GUIDE FOR THE PRESENTATION OF A TECHNICAL NOTE

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SUMMARY

The abstract should not exceed 150 words, should be self-contained and should not require reference to the article to be understood. The abstract should present the objectives and scope of the study, or the motivation for writing the article, the methodology should be described only to the extent necessary for understanding, and the conclusions should be presented in a concise and informative manner. The abstract should not contain undefined terms or acronyms, references, equations or lists.

KEYWORDS: It is necessary to present at least 4 keywords that help identifying the article in an archival system.

ABSTRACT

Following the summary in Spanish, the same should be written in English. Do not exceed 150 words.

KEYWORDS: 4 keywords in English that identify the article should be presented.

GENERAL INSTRUCTIONS

The title of the paper should:

- Be representative of the content of the article.
- Not to exceed 85 characters.
- Presented in Spanish and English.
- Format: Arial font, 14 pt, centered, all caps and bold.

The minimum length of the document is 5 pages and the maximum is 8 pages (including abstract and references). Arial font should be used, size 11 pt, single spaced. Titles must comply with the following format:

TITLES IN FIRST ORDER

(All capitalized, bold, on a separate line)

Second Order Titles

(Capital letters in each word, bold, on a separate line)

Third Order Titles

(capitalization of each word, italics, on a separate line)

Fourth Order Titles

(Capital letters in each word, bold, on the same line as the text)

The structure of the document should include: introduction, discussion, conclusions and references, as follows:

- Introduction: this section introduces the topic and general aspects. It is not necessary to divide it into subsections. It should answer the questions: "What?" and "What for?", what it is about it and why it is important to read it.
- Discussion (body of the paper): Describes the materials used and the primary aspects of these. It also includes all relevant theoretical aspects and bibliographic content required for the understanding of the topic, without delving into the theory. Explain how the results were obtained and how they are presented and analyzed. The use of figures, graphs, tables and/or equations is recommended. A clear presentation of the results should be ensured and a discussion should be carried out so that conclusions can be drawn analytically.
- Conclusions: this section presents the specific findings of the research. They are not a summary of the research, nor are the results presented, unless they are relevant to the conclusion.
- References: this section should include the references used for the development of the article. Only works cited in the article should be included in the list; if they were not cited in the text, they should not be included. It is recommended to use current sources (maximum 5 years), unless it is required to give context to the topic. Sources from internet pages, newspapers and magazines that are not scientific should be avoided; however, they can be used to give context to the topic. The citation format accepted by the journal is APA 6th edition.

It is highly recommended that the authors present photographs, graphs, tables, among other elements to support their observations and results. The guidelines for each are defined below.

Tables

The titles of the tables should be placed centered above the tables. Tables should be numbered correlatively to their appearance in the text, with the following format: first, the word "Table", then the number and period (Arial, bold, 11 pt). Then the description in normal text (Arial, 11 pt). When referencing them within the text, the first letter should be capitalized (Table 1). If the table is not original (prepared from data sources that do not belong to the authors) the source should be referenced in parentheses.

Table 1. Example of a Table

Data 1	Data 2	Data 3
A	D	G
B	E	H
C	F	I

Figures

When articles are submitted for review, figures may be submitted inserted in the text. If the article is accepted for publication, the figures should be submitted later as separate files, in image format (.JPG, .PNG) with a minimum resolution of 300 dpi and a size of no less than 10 cm.

The titles of the Figures should be placed centered below them. Figures should be numbered correlatively to their appearance in the text, with the following format: first, the word "Figure", then the number and period (Arial, bold, 11 pt). Then the description in normal text (Arial, 11 pt). When referencing them within the text, the first letter should be capitalized (Figure 1). If the figure is not original (prepared from data sources that do not belong to the authors) the source should be referenced in parentheses.



Figure 1. Example of figure

Equations

For the elaboration of the equations, the use of the Equation Editor application included in the Microsoft Office® software package is recommended. The equations that appear in the text will be numbered in sequential order, indicating their number to the right of the equations and in parentheses. All variables should be defined, either within the text or in a list displayed after the equation. Example:

$$N_f = k_1 \left(\frac{1}{\varepsilon_t} \right)^{k_2} \quad (1)$$

where

N_f = number of repetitions at failure

ε_t = applied unit strain

k_1, k_2 = experimentally obtained regression coefficients

REFERENCES

A minimum of 10 and a maximum of 15 references to bibliographic sources must be included, cited according to APA 6th edition.