

# Instructions for preparation and submission of papers for publication in EASI Journal

Add the title in Spanish.

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maximum length of 200 words. It should begin with a brief contextualization of the problem addressed and the objective of the study; then, it should describe the methodology used, including the sample, population, or units of study, as applicable, as well as the essential elements needed to understand how the research was conducted; present the main results, highlighting the most relevant findings; and conclude with the main conclusion and contribution of the study. The abstract should allow readers to understand the purpose, development, and main findings of the research without consulting the full text. It should not include bibliographic citations, tables, figures, equations, undefined abbreviations, or information that is not presented in the manuscript.

**Keywords:** Word 1, word 2, word 3, word 4 (5 words maximum) Use [UNESCO](https://vocabularies.unesco.org/unesco/en/search?) [Thesaurus](https://vocabularies.unesco.org/unesco/en/search?).  
(<https://vocabularies.unesco.org/unesco/en/search?>)

**Resumen.** El resumen debe presentar de forma clara y concisa los aspectos esenciales de la investigación, con una extensión máxima de 200 palabras. Debe iniciar con una breve contextualización del problema estudiado y el objetivo de la investigación; posteriormente, indicar la metodología empleada, incluyendo la muestra, población o unidades de estudio, según corresponda, y los elementos esenciales que permitan comprender cómo se desarrolló la investigación; presentar los principales resultados obtenidos, destacando los hallazgos más relevantes; y finalizar con la principal conclusión y el aporte del estudio. El resumen debe permitir comprender el propósito, desarrollo y principales hallazgos de la investigación sin necesidad de consultar el texto completo. No debe incluir citas bibliográficas, tablas, figuras, ecuaciones, abreviaturas no definidas ni información que no se encuentre desarrollada en el manuscrito.

**Abstract.** The abstract should clearly and concisely present the essential aspects of the research, with a

**Palabras claves:** palabra 1, palabra 2, palabra 3, palabra 4 (5 palabras máximo) utilizar Tesauro UNESCO

## 1. DOCUMENT STRUCTURE

### 1.1 INTRODUCTION

The introduction should be written in a logical order and be approximately 600 to 900 words long. It should begin by contextualizing the research topic, explaining its status or importance within the field of study. Next, the most relevant scientific background should be presented, that is, the main previous studies related to the topic, incorporating the concepts and theoretical foundations necessary to understand and support the research. Based on this review, the existing problem and any aspects that have not yet been sufficiently studied or resolved should be clearly identified. Following this, the importance of investigating this problem and the contribution of the study should be explained. The introduction should be concluded by clearly and precisely stating the research objective.

### 1.2 MATERIALS AND METHODS

The Materials and Methods section should describe in a clear and orderly manner how the review was carried out, with an approximate length of 700 to 1,000 words. It should begin by indicating the type of review carried out and the protocol, guide or methodological procedure adopted. Next, the sources of information and databases consulted, the search period, the terms or descriptors used, and the search strategy used must be specified. Subsequently, the inclusion and exclusion criteria must be established and the process followed for the identification, selection and purification of the documents must be described until the final set of analyzed studies is obtained. Then, the procedure used for the extraction, organization, evaluation and analysis of the information must be explained, indicating the categories, variables, tools or techniques used, as appropriate. According to the type and area of the review, the protocol or methodological guide used must be indicated, such as PRISMA, PRISMA-ScR, SALSA or Kitchenham, among others recognized in the scientific literature. The description must provide sufficient information to understand and reproduce the review process, avoiding including results or interpretations that correspond to other sections.

### 1.3 RESULTS AND DISCUSSION

The Results and Discussion section should present, analyze, and interpret the main findings of the research, with an approximate length of 1,800 to 2,500 words. The results should be organized clearly and in coherent order with the study's objective and the methodology used. Only relevant findings should be presented, supported, when necessary, by tables, figures, graphs, metrics, models, or other resources that facilitate understanding, avoiding repeating all the information contained in these elements within the text. Each relevant result should be explained and interpreted, indicating its meaning and how it contributes to answering the research problem and objective. Furthermore, the findings should be compared with previous studies and relevant scientific foundations, highlighting points of agreement, disagreement, or new contributions to existing knowledge. Where appropriate, the possible causes or implications of the results should be explained, as well as any limitations that may influence their interpretation. The discussion should highlight the scientific, technical, or applied contribution of the findings, avoiding statements that are not supported by the results obtained. This section should not be limited to describing data, but should demonstrate its meaning, relevance, and contribution within the area of study.

### 1.4 CONCLUSIONS

The conclusions should clearly and concisely present the main contributions derived from the research results, with an approximate length of 250 to 400 words. They should directly address the research problem and the study's objective, indicating what was achieved, the most relevant findings, and their scientific, technical, or practical implications. Where appropriate, the main limitations of the study may be mentioned, and future lines of research directly related to the results obtained may be proposed. The conclusions must be based exclusively on the evidence presented and discussed in the article, avoiding verbatim repetition of results, the incorporation of new data, the inclusion of bibliographic citations, or the formulation of claims not supported by the research.

### ***Support and funding***

Sources of support and funding received for the research must be declared, indicating the funding institution or organization and, where applicable, the project name or code. If the research did not receive funding, this must be expressly stated.

### ***Declaration of Conflicting Interests***

You are responsible for making sure that you have the right to publish everything in your paper. If you use material from a copyrighted source, you may need to obtain permission from the copyright holder. The manuscripts must clearly identify the source of every item that is not original (e.g., text excerpts, illustrations, tables, etc.)

Please, declare any financial interests or connections, or other issues that might affect third-party interests at the end of your manuscript and prior to reference list. If no declaration is made, the following line will appear instead: ‘None Declared’. Alternatively, you may choose to report that ‘The author(s) declared no potential conflicts of interest within this research, authorship, and/or publication of this article.’.

## **1.6 REFERENCES**

References should include only the sources cited in the manuscript and be formatted according to APA style, 7th edition. Priority should be given to scientific, academic, and relevant sources, preferably recent, without excluding fundamental works for the research. All citations in the text must be included in the reference list and vice versa.

Review articles are recommended to include a minimum of 30 relevant and high-quality scientific references, although this number does not replace the need to conduct an exhaustive literature search according to the review protocol used.

- American Psychological Association (2022, August 9). APA Style references: common reference examples guide, 7th edition. <https://apastyle.apa.org/instructional-aids/reference-examples.pdf>
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### Additional information (to be completed only after the document has been accepted)

| Declaration of authorship – CRediT Taxonomy |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Authors                                     | Contributions                                                                                                       |
| Author 1                                    | Conceptualization, resources, formal analysis, writing.                                                             |
| Author 2                                    | Conceptualization, methodology, supervision, writing                                                                |
| Author 3                                    | Curación de datos, análisis formal, adquisición de financiación, administración de proyecto, validación, escritura. |
| Author 4                                    | Investigación, software, visualización, escritura.                                                                  |

| Artificial intelligence usage statement                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The author declares that, in the preparation of the article: xxxxxxxxxxxxxxxxxxxxxxxx, the artificial intelligence tools Copilot and Perplexity were used to support the search for references. |

## 2. TYPING INSTRUCTIONS

The paper must be written in English (preferred) or Spanish.

### 2.1. Paper length

The full paper including figures and tables should be preferably no longer than 8000 words in A4 format (210 x 297mm). Please limit your paper by writing concisely, rather than by reducing figures or tables to a size at which symbols/labels become easy to read. **The final PDF file should be smaller than 2 Mb.**

### 2.2. Page format

Each **A4-size page should be formatted with 25.4mm (1 in) margins on all sides.** This defines the printable area for all pages. Inside this area, the text must be arranged in a single column after the abstract and keywords. Please do not print any borders around the text and do not insert page numbers. The final paper should look like this document.

### 2.3. General text specifications

The paper must be typed using 10 pt Times New Roman throughout the text, as in the present document. This includes title, headings, figure and table captions. The first page must include the paper title, authors/affiliation, abstract and keywords.

#### *Paper title*

The title should be in boldface type, left-aligned on the page and it must not exceed three lines or 18 words. It should be single spaced if longer than one line. Skip one line (12 pt) between the title and the first author.

### ***Author(s) and affiliation***

List the names of up to four authors in bold, left-aligned font, identifying each with a superscript number according to their order of authorship: (1), (2), (3), and (4). Below, list each author's institutional affiliation, city, country, email address, and ORCID, using the same identification number, in 8-point font, without bold or italics. Finally, identify the corresponding author and include their email address. Leave two blank lines (24 pt) before the abstract.

### ***Headings***

Type a first-level head in all capital letters, boldface type, flush left. Begin by typing the Arabic number followed by a period, and then type the head title. Leave one blank line above and one below this head.

For a second-level head, capitalize only the first letter, using boldface type, flush left. Begin by typing the double number and then type the sub-head title. Leave one blank line above and one below this head.

Do not number third-level heads. Use boldface italics, capitalizing only the first letter and indenting 0.75 cm from the left margin. Leave one 10pt-blank line above this head.

### ***Body of text***

The text should be typed using single-spaced lines and justified alignment. Start each paragraph 0.75 cm from the left margin and allow no space between paragraphs.

## **2.4. Equations, symbols, and units**

Indent an equation center. Number it with an Arabic number enclosed in parentheses placed flush right. Allow one blank line above and one below an equation. For example:

$$\frac{ds}{dt} = A_s - \frac{\beta_s S(\alpha_a A + \alpha_l I + \alpha_h H)}{N} - \delta_s S \quad (1)$$

When referring to an equation in the text write "Eq. (1)," except at the beginning of a sentence, where "Equation (1)" should be used. i.e. "all variables listed in Eq. (1) relate to the rate of change of susceptible individuals..." (Khajanchi, S., et al., 2021).

Symbols should be italicized throughout the text. Define all symbols as they appear in the text. A nomenclature section is not necessary.

All data, including those shown in tables and figures, must be reported in SI units. Decimal points rather than commas should always indicate decimals (3.14, not 3,14.). The zero digits shall not be omitted before a decimal point: 0.25, not .25. Williamson, A. (2008) said "For most numbers, the convention can be discerned from the context or from other values in the same paper. But authors, editors, and readers should be aware of the difference.

## **2.5. Figures and tables**

Figures and tables should be inserted as close as possible to their mention in the text. Enclosed text and symbols must be clearly readable; avoid small symbols. Use good quality pictures and illustrations.

**Figures must be professionally edited. Avoid light colors.** Dark or patterned backgrounds may be unsuitable for reading. **Figures should be inserted into the text and submitted in separate TIFF files.** Please submit at 300 dpi or higher. **The final ZIP file containing pictures and illustrations should be smaller than 3 Mb. OJS page will provide a special section for you to accomplish this task.**

Figures and tables, and the captions should be centered in the text. Place figure caption below the figure and one 10pt-blank line should be left between both. Place table title above the table, also leaving one blank line between them. Leave one blank line between the table or figure and the adjacent text.

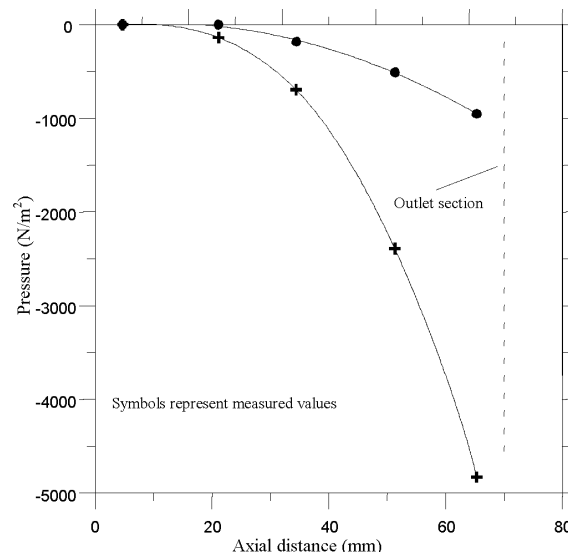
**Table 1.** Coefficients in constitutive relations

| Constitutive relation | Nomenclature | Value |
|-----------------------|--------------|-------|
|-----------------------|--------------|-------|

|                  |             |      |
|------------------|-------------|------|
| Turbulent tensor | $C_\mu$     | 0.09 |
| Turbulent tensor | $C_{\mu b}$ | 0.69 |
| Lateral lift     | $C_L$       | 0.08 |
| Virtual mass     | $C_{VM}$    | 0.8  |

From: Graña & Mauro (2010)

Arabic numerals should be used in figures and tables (e.g., Figure 1, Figure 2, Table 1, Table 2). Refer to them in the text as “Table 1” and “Fig. 1” (except at the beginning of a sentence, where “Figure 1” should be used).



**Figure 1.** Pressure variation along the nozzle: experimental data.

Label coordinates in plots and add the corresponding units. Similarly, label columns/rows in tables and add the units.

## Appendix A

### How to format the appendix

If needed, an appendix can be used to include additional information that doesn't fit into the body text (e.g., show dataset for regression analysis) after the reference list. If there is more than one appendix, they shall be identified as A, B, C, etc. If there is any, when the appendix must be mentioned into the body text, state this the first time you refer to it: (see Appendix B for dataset).

Formulae, equations, tables and figures shall follow the same formatting rules as in the main text: Eq. (A.1), Eq. (A.2) and Table A.1; Fig. A.1 respectively.

The text format is presented as follow: an appendix label appears on the top of the new page, bold and left-aligned. Skip one line (12 pt) between the title and the title. On the next line add the appendix title, bold and centered. The text follows the same formatting rules as in the main text.