



## GUIDELINES FOR AUTHORS

The **Journal of Geology Applied to Engineering and the Environment** publishes Original Articles, Guest Articles, Technical Notes, Book Reviews, Brief Technical Discussions of articles and communications published in the Journal.

In attention to the arbitration procedure, the authors are requested to strictly follow the following instructions for the preparation of the manuscript:

### 1. GENERAL CHARACTERISTICS

- Contributions must be original. It must be guaranteed that these have not been sent to another journal simultaneously and that they have not been published previously, in whole or in part.
- It must be guaranteed that the article will not be published in other publications in any language without the consent of the copyright owners, that the rights of third parties will not be violated and that the Argentine Association of Geology Applied to Engineering (ASAGAI) will not be held legally responsible if there is any claim for compensation.
- Works written in Spanish, Portuguese or English will be accepted.
- All submissions will be preliminarily evaluated by the Editor-in-Chief and the Associate Editor. Subsequently, they will be sent for blind peer review.
- All new presentations must be accompanied by a note to the Editor of the Journal of Geology Applied to Engineering and Environment in which the title of the work and the authors must be stated, stating that it is original and that it has not been sent or it will not be sent to any other journal during the editorial process. Any personal or interest conflicts should be clarified here.
- Articles that do not meet the editorial standards will be returned without arbitration.
- Authors must review the list of topics and the scope of the journal available on the website, as well as the submission rules.
- The Journal of Geology Applied to Engineering and the Environment does not charge for the processing of articles (APC), while encouraging and supporting the Diamond Open Access movement to academic scientific literature. Their editions have no charges for the authors or readers.
- You can check the focus and scope of the Journal, as well as the rest of its policies at <https://revistas.unc.edu.ar/index.php/revista-asagai/about>

### 2. ABOUT THE FORMAT AND LENGTH OF THE TEXT

- The **original articles** must have a length that does not exceed 20 (twenty) pages and must conform to the established standards.
- In the **technical notes**, the total length of the manuscript must not exceed 3 (three) pages and must include an Abstract, *Resumen*, Keywords, *Palabras Clave*, up to 2 (two) figures and a table.
- In the case of **Invited Articles**, the extension may be greater than 20 pages, provided that the interest of the content justifies it and prior agreement with the Editor of the Journal and the Committee.
- The rest of the situations mentioned (**Technical Discussions** and **Book Reviews**) should have up to one page in length.

- The title of the manuscript must be concise, informative, and indicative of the content and written without using abbreviations.
- The text must be prepared in the Microsoft Word® text processor (.doc or .docx).
- The sheet size is A4 (210 x 297 mm).
- The margins to use are 20 mm (left, right, top and bottom).
- The title of the article must be included on the first page. To do this, use Calibri font, size 12, capital letter in the initial of the first word and proper nouns, bold, and centered, without underlining.
- If the article is written in Spanish, the title must be expressed in both Spanish and English. If the work is written in Portuguese, the title in English must also be included. If the work is written in English, the title in Spanish must also be included. The specifications mentioned in the previous item must be followed. The spacing between both titles will be 12 points.
- Below the title, in centered text, with Calibri font size 10, the **data of the authors**. This is full name and surname (no abbreviations or initials), the Author Identifier Number (ORCID) along with the corresponding link, affiliation, and email address in italics for each. The contact author must be indicated with an asterisk (\*). The Author Identifier Number (ORCID) is a mandatory requirement for article publication. It can be generated free of charge on the website <https://orcid.org/> and constitutes a persistent digital identifier.

It should be included as follows:

Full Name and Surname of each author <https://orcid.org/0000-0000-0000-0000> (corresponding number), author's email

- From the second page the development of the work begins. In the first place, the *resumen, resumo*, abstract must be included, according to the language of the manuscript. All text, except for the title and subtitles, must be written in Calibri font, size 12, with single line spacing and with a one-centimeter indentation. **No additional spaces or lines should be included between paragraphs**, but the text should be continued after a full stop. The prominent fonts that the author considers appropriate will be preserved, as well as those corresponding to certain symbols and scientific terms or Latin or foreign expressions.
- If the language of the work is **Spanish**:  
**First**, place the subheading Abstract (abstract is up to 250 words) and under Keywords (followed by between 3 and 5 words).  
**Second**, place the Abstract subtitle (with the same maximum length as the abstract) and Keywords (between 3 and 5 words) below.  
**Third**, start the article.
- If the work is in Portuguese:  
**First**, place the subtitle Resumo (the abstract is up to 250 words) and below Palavras chave (followed by between 3 and 5 words).  
**Second**, place the Abstract subtitle (with the same maximum length as the abstract) and Keywords (between 3 and 5 words) below.  
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- If the work is in English:  
**First**, place the Abstract subtitle (with the same maximum length as the abstract) and Keywords (between 3 and 5 words) below.  
**Second**, place the subheading Resumen (the abstract is up to 250 words) and under Palabras Clave (followed by between 3 and 5 words).  
**Third**, start the article.

- **The keywords** will also be used for indexing purposes. They can include short sentences. They must be in alphabetical order, and it is recommended not to repeat words included in the title. They must be indicated in alphabetical order and in lowercase (except for proper names); in turn, they must be the same in both languages.
- The body of the manuscript should include, in general terms, the following sections: **INTRODUCTION** (general context, problems/motivation, objectives), **STUDY AREA** (location, background), **METHODOLOGY** (materials and methods used), **RESULTS** (results of the study itself), **DISCUSSION** (analysis of the results, discussion with previous data), **CONCLUSIONS** (most relevant contributions of the study), **ACKNOWLEDGMENTS/FUNDING** (if applicable), **CONTRIBUTION OF AUTHORSHIP** (mandatory section), **DECLARATION OF CONFLICTS OF INTEREST** (mandatory section), **BIBLIOGRAPHIC REFERENCES**.
- The body of the manuscript must include the figures and tables and the legend of figures and tables in the corresponding position, from their mention in the manuscript.
- Full justification must be used in the body of the text.
- The use of the metric decimal system is mandatory.
- When an abbreviation or acronym appears in the text for the first time, its meaning should be fully explained between parentheses.
- Footnotes will not be accepted.
- Mathematical expressions must be elaborated with the text processor and be part of it. Equations must be centered and separated by a line. All equations must be numbered consecutively, using numbers in parentheses aligned to the right margin. The sequence of parentheses should be the usual one in Mathematics: “)}}”.
- Subscripts and superscripts must be legible.
- Take special care to differentiate between zero (0) and the letter "o", and between one (1) and the letter "l".
- Provide the meaning of all symbols immediately after the equation in which they are first used.
- For simple fractions use the symbol "/" instead of the horizontal line; for example:  $Sy/Xm$ .
- In chemical formulas, the valence of ions should be specified as, for example,  $Ca_{2+}$  and  $CO_{32-}$ , not  $Ca^{++}$  or  $CO^{-3}$ .
- Isotope numbers should be indicated by a superscript preceding the chemical symbols, for example:  $^{18}O$
- Repeated writing of chemical formulas in the text should be avoided. Instead, the full name of the compound should be given. Those cases of very long and frequent names, or of compounds that are described as the final product of a gravimetric determination (example: phosphate as  $P_2O_5$ ) will be excepted.

### 3. ABOUT THE FORMAT OF FIGURES AND TABLES

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- All illustrations, maps, photographs, graphs, etc., cited in the text, will be included as figures. These must have consecutive Arabic numerals in order of appearance and will adjust to the size of the box (170 x 257 mm). Its original size must allow a reduction of 50%, without loss of quality.
- The figures included in the manuscript must be uploaded in the submission **as independent files** in .jpg format with a definition between 150 and 300 dpi with a name that identifies them, for example Figure 1.
- All figures will have their corresponding legend, immediately below it, which should not be included in the body of the figure. Calibri font size 12 will be used, single line spacing. The figure and the number will be in bold, without underlining, followed by a period, in the form **Figure n.** where n is the corresponding order number. It is recommended to prepare short and concise captions.

- Figures will be cited in the text as (Figure n), where n is the corresponding order number, either directly as Figure 1, or in parentheses as (Figure 1). The size must consider the space occupied by the epigraph. They must be submitted as **individual files** in one of the acceptable formats (.tif, .jpg, .pdf, .png or .eps) with definition equal to or greater than 150 dpi. In the case of a figure composed of several images, they must be duly identified with a letter in the lower right corner of the figure.
- Photographs (and figures in raster format with continuous tone) must have contrast, be clear and with adequate light. They must be sent as .tif, .jpg or pdf files, with a definition equal to or greater than 300 dpi. When there are no elements in the photographs that allow their dimensioning (scale, tape measure, geological hammer, compass, vehicle, etc.), they must include a vertical and horizontal scale if they are different.
- The outlined figures or drawings must be clear and have contrast.
- Map-type figures must be oriented, include a graphic scale and indication of the geographic location (UTM or Lat/Long coordinates). They must have the appropriate references corresponding to the symbols, traces, etc. used.
- For the purposes of preparing map-type figures, it is suggested that the symbols be adapted to:
  - [https://ngmdb.usgs.gov/fgdc\\_gds/geolsymstd/fgdc-geolsym-all.pdf](https://ngmdb.usgs.gov/fgdc_gds/geolsymstd/fgdc-geolsym-all.pdf)
  - <http://info.igme.es/cartografiadigital/datos/magna50/docs/ModeloMAGNA.pdf>
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- The graphs must have coordinate axes correctly labeled and with an indication of the corresponding unit of measure, if applicable.
- Tables must be submitted as a text file (Word format) and not as an image. They must be included in separate files. They will be cited in the text starting with a capital letter in direct citations, or indirect citations in parentheses, that is, as Table 1, or (Table 1).
- The information presented in the tables should not appear repeated in the figures.
- Each table must have, in the same way as the figures, a brief and explanatory legend at the bottom. The table and the number must be indicated as **Table n** where n is the corresponding order number.

#### 4. AUTHORSHIP CONTRIBUTION

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After the **CONCLUSIONS** and prior to the **BIBLIOGRAPHIC REFERENCES** section, the **CONTRIBUTION OF AUTHORSHIP** section must be included. In it, authors are recommended to include declarations of contribution in the work that specify the contribution of each author to promote transparency. The following options are suggested:

In the case of an article with **a single author**: “The conceptualization; analysis of data; writing and preparation of the original draft; writing, revision and edition of the final manuscript were in charge of the author of the article.”

In the case of **more than one author, you must choose ONE of the following versions**:

a) “All authors contributed to the conception and design of the study. Material preparation, data collection and analysis were performed by [full name], [full name] and [full name]. The first draft of the manuscript was written by [full name], and all authors commented on earlier versions of the manuscript. All authors read and approved the final manuscript.”

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#### 5. DECLARATION OF CONFLICTS OF INTEREST

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Prior to the **BIBLIOGRAPHIC REFERENCES** section, the **DECLARATION OF CONFLICTS OF INTEREST** section must be included, in which the possible conflicts of interest that may exist are exposed. If there is no conflict, please include the following sentence: "The Author(s) declare(s) that there is no conflict of interest".

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- The citation of works in the text will refer to the final bibliographic list, indicating the last name of the authors and the year of publication in parentheses, for example: (Caminos, 1975). If there are more than two authors, et al. will be used (without underlining or bold). When more than one work by the same author is cited, they will be separated by a comma, for example: Caminos (1956, 1978). In the case of locating several authors within the parentheses, they will be separated from each other by a semicolon. If several works by the same author and from the same year are cited, letters will be added after the year, according to the order in which they appear in the text.
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Example:

Lexow, C., Di Martino, C., Lafont, D., Albouy, R. y Marcos, A. (2016). Identificación y cuantificación de la carga contaminante al acuífero de la localidad de Monte Hermoso. *Revista de Geología Aplicada a la Ingeniería y al Ambiente* (37), 37-44.

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 Example:  
 Folk, R. y Ward, W. (1957). Brazos River Bara study in the significance of grain size parameters. *Journal of Sedimentary Research*, 27, 3-27. <https://doi.org/10.1306/74D70646-2B21-11D7-8648000102C1865D>
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 Bastianelli, N., Garrido, A., Albouy, R. y Carrica, J. (2016). El recurso hídrico subterráneo de la ciudad de Zapala, Neuquén: ambiente geológico de la formación la Bardita. En E. Custodio, M. Varni y R.F. García (Eds.), *IX Congreso Argentino de Hidrogeología y VII Seminario Hispano-Latinoamericano Sobre Temas Actuales de la Hidrología Subterránea (Catamarca)*, (pp. 134-141).
- **Printed book:** Last name, A.A. (Year). Qualification. Editorial.  
 Example:  
 Dearman, W.R. (1991). *Engineering geological mapping*. Butterworth-Heinemann Ltd.
- **Book with editor:** Last name, A.A. (Ed.). (Year). Qualification. Editorial. DOI URL, HANDLE or URI (if any)  
 Example:  
 Mateos Ruiz, R.M. y M. Ferrer Gijón. (1994). Methodology for landslides hazard map 1:10,000 in the area of Monachil (Granada, Spain). Oliveira, R., Rodrigues, L.F., Coelho, A.G. y Cunha, A.P. (Eds.). (1994). *7th International Congress International Association of Engineering Geology*. (Vol. III). Balkema.
- **Online Book:** Last Name, A.A. (Year). Qualification. Editorial. DOI URL, HANDLE or URI (if any)  
 Example:  
 Herrera Cáceres, C. y Rosillo Peña, M. (2019). *Confort y eficiencia energética en el diseño de edificaciones*. Universidad del Valle. <https://doi.org/10.25100/peu.163>
- **Book chapter:** only in cases of books where each chapter has a different author and there is an editor or compiler: Surname, A.A. and Last Name, B.B. (Year). Chapter title. In A.A. Surname (Ed.), Title of the book (pp. xx-xx).  
 Example:  
 Basualdo, A. (2011). Balance hídrico como herramienta de decisión. En S. Occhiuzzi, P. Mercuri y C. Pascale (Coords.), *Herramientas para la evaluación y gestión del riesgo climático en el sector agropecuario* (pp. 55-63). (1ª ed.). Ministerio de Agricultura, Ganadería y Pesca de la Nación.
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- **Websites:** Page title. (YEAR). Website name. Retrieved URL YEAR MONTH DAY.  
 Example:  
 United States Geological Survey. (s./f.). *Earth Explorer*. Recuperado el 1 de mayo de 2016 de <https://earthexplorer.usgs.gov/>

- **Software:** Forte Lay, J.A., Aiello, J.L. y Kuba, J. (1995). *AGROAGUA v.5.0*. [Software de PC]. AGROAGUA, CIBIOM, CONICET.

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