

GUIDELINES FOR AUTHORS

1 General Information

«The Life Sciences Journal, *La Granja*» is a bilingual scientific publication from Salesian Polytechnic University, Ecuador. This journal has been print continuously since 2002 with a fixed biannual periodicity. It's specialized in Environmental Sciences and its interdisciplinary lines such as Earth Sciences, Geosciences, Biotechnology and Agricultural Sciences, among others.

Contents are peer review, in accordance with the publication standards, and have a double-blind examination. Compliance with this system guarantees authors, impartial and transparent review process facilitating the inclusion in reference databases, repositories and international indexing. The rules of citations follow the Harvard style.

«The Life Sciences Journal, *La Granja*» is indexed in the Catalog of the Regional Online Information System for Scientific Journals of Latin America, the Caribbean, Spain and Portugal (Latindex), in the Scientific Information System REDALYC, in the Directory of Open Access Journals DOAJ in the system of Integrated Classification of CIRC Scientific Journals, in Base-Search, the Academic Search Engine of Bielefeld, SINDEXT and in repositories as ACADEMIC ONEFILE, libraries and specialized catalogs of Latin America.

Each issue of the journal comes in a printed (ISSN: 1390-3799) and electronic format (e-ISSN: 1390-8596), in Spanish and English. Each paper is identified with a DOI (Digital Object Identifier System).

All articles are published in order to access their content in an open manner without economic restrictions, both in the submission, review and publication phases of the manuscripts.

2 Scope and Policy

2.1 Subject Matter

Fundamentally, papers related to Environmental Sciences, as well as related areas and their transdisciplinary lines such as Earth Sciences, Geosciences, Biotechnology and Agricultural Sciences, and all related disciplines with the central thematic line.

2.2 Contributions

«The Life Sciences Journal, *La Granja*» publishes original, empirical, theoretical or experimental research results, written in Spanish and / or English, as well as points of view, and reviews.

It is the author's responsibility to ensure their submissions are original and have not been published previously or are in the process of being published elsewhere. The contributions to this journal could be:

Scientific Articles: Between 5,000 and 6,000 words of text, including title, abstract, introduction, materials and methods, results, conclusions, tables, figures and references. The references must be cited, be current and selective of around 40 works.

Point of View: Between 3,000 and 6,500 words of text, including title, abstract, introduction, conclusions and references. They must be justified with sufficient references and on current topics which require discussion at a scientific and/or technical level. The references must be cited, be current and selective of around 30 works.

Reviews: Between 6,000 and 7,000 words of text, including references. The references must be cited, be current and selective of around 50 works.

«La Revista de Ciencias de la Vida, La Granja» (20 articles per year), Is currently published in half-yearly in the months of March and September.

3 Economic policy

All articles are published without any content or economic restrictions, both on the review and publication process. This Journal is published by *Editorial Abya-Yala*, in Quito, Ecuador.

4 Copyright

The authors are the owners of the rights of all articles in *La Granja*, although the authors have assigned a third, in advance and a perpetuity, the right to use, reproduce or disseminate the article, after citing the originality of the same article. Creative Commons Licence: BY, NC, SA.

5 Presentation, structure and submission of the manuscripts

When submitting manuscript, you should not try to design it, does not justify the document titles or center, or use double-column format. The only required format is that the Latin names of organisms should be italicized.

Manuscripts must be submitted in Arial font, size 10, single spacing, fully justified and with no tabulations or carriage returns between paragraphs. Only the major blocks of text should be separated by carriage returns (author, titles, abstracts, keywords, credits and sections). The page should have 2 cm margins (lateral and vertical).

Submissions must be in Word format for PC, (.doc o .docx) o LaTeX (.tex) including references in format (.bib). The file has to be made anonymous in the File Properties in order of the author's identification will not possible.

Manuscripts must be sent exclusively through the OJS (Open Journal System). All the authors of a manuscript must register with their credits into the OJS platform. Originals sent via email or other interface are not accepted.

For reasons of improving the visibility and impact of publications, authors are encouraged to have an ORCID identification

<<https://orcid.org/>> and an account at Research Gate <<https://www.researchgate.net/>>.

5.1 Structure of the manuscript

For those works that are scientific research, the manuscripts will follow the IMRDC structure (Introduction, Materials and Methods, Results, Discussion and Conclusions), being optional the Annexes. Those works that are about Points of View and Bibliographic Reviews, may be more flexible in their epigraphs, especially in Materials and methods, Results and Discussion. In all typologies of works, references are mandatory.

Title: Concise but informative, in Spanish on the first line and in English on the second. A maximum of 80 characters with space is accepted. The title is not only the responsibility of the authors, being able to propose changes by the Editorial Board.

It is necessary to write it in uppercase and lowercase, centered; If it contains Latin scientific names of taxa, to emphasize them with italics, without the author of the taxon.

Full name and surname(s): Of each of the authors, in order of priority. Next to the names must follow the professional category, work center, email of each author and ORCID number. In addition, it must be included which author will be responsible for the manuscript or Author for Correspondence, pointing it with an asterisk (*).

Abstract (Spanish / English): It will have a maximum extension of 250 words, first in Spanish and then in English. Abstract will be described in a concise way implicitly or explicitly and in this order: 1) Justification of the topic; 2) Objectives; 3) Materials and Methodos; 4) Main Results; 5) Main Conclusions. It must be impersonally written "This paper analyzes...". In the case of the abstract, automatic translation programmes must not be used for the abstract.

Keywords (Spanish / English): Between 4 and 6 keywords must be presented for each language version directly related to the subject of the work.

Introduction: It is suggested to use SPQR System (State of the Art), Problem, Question (hypothesis of the study) and Response (objective of the study). In this way, the updated state of the art, the problem's approach, the context of the problem, the justification, the fundamentals and the purpose of the study must be presented clearly and with sufficient bibliographical references, using the most significant literature at national and international level.

Material and methods: It must be written so that the reader can easily understand the development of the research. Chronologically describe the methodology, sampling, and the type of statistical analysis used. Ensuring at all times the replicability of your work explaining the experimental design. Describe too the laboratory equipment and computer programs, if they were used. In any methodology used, it is necessary to explain the reasons that led to its use and describe its possible limitations.

Results and Discussion: Highlight the most important observations, describing them, without making value judgments. It should include the quantitative and/or qualitative information that will support the final conclusions. They will appear in a logical sequence in the text using Tables, Figures and essential Equations avoiding the duplication of data. Every Table, Figure or Equation must be quoted in the text and listed sequentially.

Pictures, illustrations and graphics are only presented as Figures, and these, like the Charts, must include a description explanatory foot for each one. In the text all Table and Figure should be analyzed and discussed highlighting the most representative findings and/or limitations of the study.

Figures can be linear drawings, maps, or black and white or color halftone photographs in 300 dpi resolution, i.e. the size of the figure should be large, suitable for publication in quality format.

Design the figures so they adjust eventually to the final size of Journal $19,2 \times 26,2$ cm. Make sure inscriptions or details, as well as the lines, have adequate sizes and thickness so they are not rendered unreadable when they are reduced to their final size (numbers, letters and

symbols should be reduced at least 2.5 mm in height after the illustrations have been reduced to fit the printed page). Ideally, the lineal illustrations should be prepared in approximately one quarter of the final size of the publication, for example $4,7 \times 6,5$ cm.

Different elements on the same figure should be marked a, b, c, d, etc. Photographs should be rendered in high contrast and high resolution. Remember that frequently photographs lose contrast during printing process.

If the figures have been previously used, it is the author's responsibility to obtain the proper permission to avoid any trouble regarding copyright.

Conclusions and Discussion: The Discussions section may appear in the Results or in the Conclusions, at the author's preference. This section should summarize the findings, relating the observations made with other relevant studies, specifying contributions and limitations, without reiterating data discussed previously in other sections. Also, the discussion and conclusions section should include lines for future research.

Acknowledgments (optional): The Council Science Editors recommends authors to specify the source of research funding. Priority will be given to projects supported by national and international competitive projects. In any case, for the scientific evaluation of the manuscript, it should be anonymized with XXXX only for its initial evaluation, in order to not identify the authors and research teams, which should be explained in the Cover Letter and later in the final manuscript.

6 References

Bibliographic citations must be included as references to the text. The bibliography should not include any reference not cited in the text. The number of them must be sufficient and necessary for contextualizing the theoretical framework, the methodology used and the results of research in an international research context. These are to be presented alphabetically by the author's first surname, following the Harvard style, described below and/or

that can be presented with the citation manager of the used word processor.

6.1 Quote in the text

Harvard is a style of citation that allows to place the two surnames of the author (often these appear separated with a script), if it presents them. Otherwise a single surname is used, as is usual in the Anglo-Saxon tradition.

One author: Samaniego (2012); (Samaniego, 2012); Valdés-Pérez (2016); (Valdés-Pérez, 2016); (Valdés Pérez, 2016); Valdés Pérez (2016).

Two or Three authors: Samaniego, Vásquez y Torres (2010); (Samaniego, Vásquez y Torres, 2010).

More than three authors: Samaniego *et al.* (2010); (Samaniego *et al.*, 2010).

6.2 References

Journal Article (Include, where possible, the electronic address of the article):

Arnold, M. y Osorio, F. (1998) Introducción a los Conceptos Básicos de la Teoría General del Sistemas. Revista Cinta de Moebio [en línea], (3). Universidad de Chile. Disponible en <<http://rehue.csociales.uchile.cl/publicaciones/moebio/03/frames45.htm>> [consulta: 20 enero 2005]

Books:

Biggs, G. (2000) Gender and Scientific Discovery. 2nd ed. London: Routledge.

Ong, E., Chan, W., and Peters, J. (2004) Advances in Engineering. 2nd ed. London: Routledge.

British Medical Association, Board of Science and Education (1980) Alternative medicine reviewed. London: Harwood Academic.

Book Chapters:

Schutz, A. (1976) Problemas de la sociología interpretativa. En: La filosofía de la explicación social. Ryan, A. (comp.), Madrid: Fondo de Cultura Económica, 79-88.

Electronic media:

Centre for Academic Writing (2005) The List of References Illustrated [en línea] disponible en <<http://home.ched.coventry.ac.uk/caw/harvard/index.htm>>[consulta: 20 julio 2005].

It is prescriptive that the DOI (Digital Object Identifier System) of cited articles are shown in the references (<http://goo.gl/gfruh1>). Also all journals and books that don't have DOI, must have their link (in their online version, if they have it), and shortened with Google Shortener (<http://goo.gl>) and consulting date.

Articles must be presented in English, except for those which appears in their original language, in which case they will be displayed in both languages using brackets. All web addresses submitted have to be shortened in the manuscript, except for the DOI that must go in the format indicated (<https://doi.org/XXX>).

6.3 Epigraphs

The epigraphs of the body of the article will be numbered in Arabic. Without a full box of capital letters, neither underlined nor bold. The numbering must be a maximum of three levels: 1. / 1.1. / 1.1.1. At the end of each numbered epigraph a space will be established.

7 Paper's submission

Manuscripts must be sent only through the OJS system after registration at URL: <<http://revistas.ups.edu.ec/index.php/granja/user/register>>.

Must to present two archives:

Presentation or cover letter, in which the title will appear in Spanish and English, names and last names of the authors in a standardized way

with ORCID number, abstract, keywords and a statement that the manuscript is an original contribution, not sent or in the process of evaluation in another journal, confirmation of the signatory authors, acceptance (if applicable) of formal changes in the manuscript according to the rules and partial transfer of rights to the publisher (use official cover model).

Manuscript totally anonymised , according to the norms referred above.

All authors have registered with their credits, in the OJS platform, although only one of them will be

responsible for correspondence. No author can submit or have to review two manuscripts simultaneously, estimating a lack of four consecutive numbers (2 years).

8 Additional considerations: endogamy

«The Life Sciences Journal, *La Granja*», will not exceed 30% of articles whose main author belong to the Salesian Polytechnic University.