



INSTRUCTIONS FOR AUTHORS AGRO SUR JOURNAL JANUARY/2021

1. GENERAL

1.1 Editorial scope

Agro Sur is a triannual scientific journal published by the Faculty of Agricultural and Food Sciences of the Universidad Austral de Chile. **Agro Sur**, has a regional approach and aims to contribute to the solution of global problems related to the agro-food chain within a framework of sustainable development. The journal publishes scientific papers on topics related to the agricultural and food sciences such as Pastures and Forages; Soil Science, Water Resources and Agricultural Engineering, Food Science; Sustainable Agriculture and Economics and Rural Development. More details on the editorial scope are shown in Table 1.

Table 1: Subjects covered by **Agro Sur**.

Editorial Scope	Subjects addressed by the Editorial Scope
Food Science	Science and technology of food, properties of foods, quality and innocuity of foods.
Soil Science	Classification, quality, conservation and recovery of soils, soil fertility, soil physics, soil contamination, rhizosphere processes and soil biology, geographic information systems and agriculture, spatial and temporal variation of soil properties, organic residues management.
Animal Science	Animal production systems, animal nutrition and feed, quality and nutritive value of foods, breeding, meat science, animal welfare.
Pastures and Forage Crops	Management of pasture systems, agroforestry grazing systems, soil-plant-animal interactions
Crop Science	Plant physiology, crop physiology, breeding, rhizosphere processes, plant nutrition, pest and diseases and crop systems.
Agricultural Economics and Rural Development	Agriculture economics, rural and territorial development, ecosystem services, agritourism, agrifood systems, food sovereignty, protection and conservation of biocultural patrimony.



Water Resources and Agricultural Engineering	Management of water resources, design of irrigation and drainage systems, efficiency of water use, soil hydrology, modelling, agricultural mechanisation, bioenergy, energy efficiency in agricultural systems
Sustainable Agriculture	Agroecology, agriculture and climate change, use of renewable energies, ecological soil management, functional biodiversity and ecosystem services, habitat manipulation.

1.2 Types of articles

Agro Sur accepts for publication: **i)** Editorials, **ii)** Original Research Articles, **iii)** Reviews, **iv)** Short Notes, **v)** Viewpoints, **vi)** Book Presentations.

Editorials (Ed): correspond to an invitation-only content type that refers to some relevant aspect that **Agro Sur** would like to highlight. Topics of current relevance and/or contingencies will be specially considered, as well as bibliographic reviews aimed at highlighting the contribution of researchers who have made significant contributions that are in line with the editorial scope of **Agro Sur**. The length of the text must not exceed 1 page (considering the aspects of form indicated in section 3).

Original Research Articles (ORA): they are original works which contribute to the knowledge of the area. They must be based on the scientific method and contain a clear definition of the problem that motivates the research, hypotheses, objectives, materials and methods. The description of the results must be accurate and the discussion must contain up-to-date and relevant bibliography. Conclusions should meet the objectives of the research. The length of the text, including Tables and Figures, should not exceed 30 pages (according to the format specified in section 3, equivalent to 8500 words approximately).

Reviews (R): provide a critical and documented view of the state of the art focused on a topic related to the editorial scope of **Agro Sur**. Contributions must be original, novel and contain a solid and updated bibliography section. It should be subdivided into: Introduction, Development (with subsections), Conclusions and Bibliography. The length of the text should not exceed 30 pages (according to the format specified in section 3, equivalent to 8500 words approximately).

Short Notes (SN): they report the results of brief investigations, preferably recent and novel, and they must meet the criteria of the editors in order to be published as a Short Note. Also considered as a Short Note would be the improving of some experimental method, statistical analysis, field or laboratory instrument that given its relevance is a contribution to knowledge in the area. A SN contains the same chapters of an ORA (Results and Discussion as a single chapter), but its maximum length is 10 pages (2600 words approximately), including Tables and Figures (total maximum of 2 Tables and 3 Figures).



Viewpoints (VP): this section provides a space for authors to develop useful comments or constructive criticism about the material published in the journal, or comments associated with agricultural and forestry issues in general. Contributions must not exceed 4 pages including introduction, body and conclusion or remarks on the comment.

Book Presentations (BP): this section offers the possibility of summarising the most relevant and interesting aspects of a book that deals with interesting topics for the readers of *Agro Sur*. The presentation is intended to be objective, addressing in a general way the most relevant aspects of the book. The maximum extension is 3 pages including references (650 words).

All articles submitted for publication must be original and the Corresponding Author is responsible for ensuring that it has not been published in another journal. Manuscripts are examined by an Editorial Board to determine whether their contents conform to the scope of the journal. Subsequently, the articles are peer-reviewed by at least two specialists in their particular field, to obtain a critical and constructive review. The Editorial Board reserves the right to accept or reject an article according to the considerations of the referees. For more details see section 5.

To simplify the final edition of the journal and reduce possible errors, authors are required to follow the Instructions for Authors. The manuscripts should be submitted in a Word-compatible electronic format. Tables and Figures should be placed below the text on separate sheets indicating the titles in Spanish and English for each of them.

1.3 Indexing of *Agro Sur*

The journal is indexed by the following databases:

Latindex, AGRIS, Cab Abstracts (CABI), Animal Science (CABI), AgBiotechNet (CABI), Environmental Impact (CABI), Forest Science (CABI), Horticultural Science (CABI), Nutrition and Food Sciences (CABI), VetMed Resource (CABI), Google Scholar, Base de Información Bibliográfica Agrícola Chilena (INIA).

The articles are published online and open access at:

From 2014 onwards:

<https://www.agrosur-journal.cl/2020/>

2. LANGUAGE

Manuscripts are accepted in Spanish or English. Both must comply with the editorial requirements in terms of grammar and style. Therefore, it is the responsibility of the authors to edit the language of the text.

3. ORGANIZATION OF THE TEXT

Authors are requested to adhere to the following rules and detailed examples. If required, the journal can provide an article as an example of the layout style used in *Agro Sur*. It must be requested via e-mail to: agrosur@uach.cl.



3.1 Page format

Manuscripts must be written in Calibri (11 cpi), with double line spacing along the whole text (including footnotes, references, tables, legends) in letter size paper (21.59 cm x 27.94 cm) using a 3 cm margin on the left and 3 cm on the right. The double line spacing is equivalent to a maximum of 19 lines per page and can be aligned to the left or justified. Both pages and text lines should be numbered from the beginning. In the case of line numbers, these must be continued.

3.2 Length of the Text

The length of the texts depends on the type of article as indicated in section 1.2.

Manuscripts must present the following order: title, name and last name(s) of the author(s), full address and contact address, title in English, key words in English, abstract in English, key words in Spanish, abstract in Spanish, main text, acknowledgements and bibliography.

3.3 Introductory Material

The first page of the text should contain the following items in the sequence indicated below:

1) Title of the article in Spanish with as many significant terms as possible, but limited to approximately 12 words (Calibri (Body) 11 cpi in bold).

2) Surname of the author(s) and first initial of the name in bold. Ej: **Carrillo, R., Barrientos, K.**

3) Title in English.

4) Short Title of Article (less than or equal to 85 characters including spaces).

6) Abstract in English. This must be a concentration and condensation of the essential information contained in the main text, gathering the relevant content of the introduction, material and methods, results and conclusions. Its extension should not exceed 250 words and should be divided according to the sections, but in a single paragraph. An extended repetition of the title of the manuscript will not be accepted for this abstract.

7) List of up to 6 key words in English. If possible, terms appearing in the «Multilingual Thesaurus of Geosciences¹», Ed. Pergamon, should be chosen. It is suggested that the keywords should not match the title.

8) Summary in Spanish. It should be cautioned that the summary reflects the English summary, maintaining the same presentation structure. The extension should not exceed 250 words.

9) List of up to 6 key words in Spanish.

10) Research highlights (optional). This consists of a synthesis of the main results of the work (minimum 3, maximum 5). They must be presented in separate lines and in less than 85 characters including spaces. They must be submitted in English. For example:

- Land use change impacts on the spatial variability of Aquands' physical properties.
- Mechanical strength increased as a consequence of the land use change.
- The soil's physical resilience presents spatial variability.
- Aquands with a bulk density close to 0.65 g cm⁻³ can be considered to be compacted.

11) Introduction

12) Material and Methods

¹ <https://www.sciencedirect.com/book/9780080364315/multilingual-thesaurus-of-geosciences>



- 13) Results and Discussion. This section can be presented separately, which is at the discretion of the authors of the manuscript
- 14) Conclusions
- 15) Acknowledgements
- 16) Declaration of conflict of interest
- 17) Bibliography
- 18) List of Tables and Figures
- 19) Tables
- 20) Figures

3.4 Text Layout

Manuscripts are divided into sections and subsections using headings and subheadings, with a maximum of three levels of sections. To differentiate between them, **CAPITAL LETTERS** in **bold** should be used for first order headings, **bold lowercase** letters for the second-order headings and **lower case** letters, *italics* and **bold** for the third order headings. The headings must be left-justified in each paragraph, and the text should continue on the next line without indentation. Scientific names of botanical and animal species, when mentioned for the first time, are written as follows: *Zea mays* L., subsequently they can be abbreviated as follows: *Z. mays*. In the event that the editor deems it appropriate, the inclusion of the descriptors in the scientific names will be requested.

3.5 Quantities, Units, Abbreviations, Nomenclature

Only SI quantities and units must be used (SI = Système International d'Unités)² which must be presented in the same format throughout the entire document (mg kg⁻¹) or $p \leq 0.05$. Non-SI data must be reported (in parentheses, with the corresponding SI units behind). Symbols and abbreviations used to represent variables, constants, quantities, properties etc. must be defined in the text at their first occurrence. The separation of decimals for articles in Spanish must be done using a comma, and thousands with a full stop. For articles in English, decimal separation must use a full stop while thousands use comma (see section 3.6). This also applies to the Abstract. Some reference examples:

- 1.- The residual height was 4-5 cm
- 2.- The soils were balanced at $\Psi_m = -6\text{kPa}$
- 3.- Wheat yield was 20% higher than barley ($p \leq 0.05$)
- 4.- The paramo was found at 3900 m s.n.m.
- 5.- The incubation temperature was 28 °C

3.6 Tables

Every table must be referred to in the text. Tables must be indicated with Arabic numbers in the order in which they are referred to. They must be included in additional pages (one table per page) at the end of the manuscript. The position of the table in the text must be indicated by using (Table...), centred on an additional space or line. Every table must begin with a title in bold, i.e. «**Table 3...**». The title must explain in detail the contents of the table. It must provide enough information to understand the content without the need to reference to the text. The caption must be first written in the language of the manuscript (i.e. Spanish) and then translated into the other language (i.e. English) or *viceversa* if the text of the manuscript is in English. Columns and lines within

² <https://www.bipm.org/en/measurement-units/>
www.agrosur-journal.cl/agrosur/



the table should be marked with the indication of units when reporting amounts. Cites contained in a table must follow the same indications as the cites in the text. Footnotes to a table should be indicated by lower-case letters directly under the table.

Numbers within the tables should be aligned according to the position of decimals, units, tens, hundreds or thousands as follows:

1023.56

4.31

658.91

-5,035 (Spanish)

-1.235,96 (Spanish)

3.7 Figures

3.7.1 General Comments

Every figure must be referred to in the text. Figures should not exceed the size of a page, although they can be oriented horizontally. They must be included in additional pages following the references chapter. All the figures must be numbered with Arabic numbers, consecutively as they are mentioned and appear in the text. The position of a figure on the text must be indicated by (*Insert Figure ...*) centred on an additional space.

Each figure must be accompanied by its title preceded by the word «**Figure 1....**». The title must explain in detail the figures and be self-explanatory to avoid referring to the text. The title must first be written in the language of the article (e.g. English) and then the second language (e.g. Spanish). The titles to all figures must be written on a separate page. In the final version they will be placed below each figure. Figures with data should be labelled with their units and legends. The quality of the figures should be such that they could be reproduced directly after a reduction with a final width of 85 mm. Numbers, letters and symbols should be large enough to reach a minimum of 1.5 mm height once reduced to printing format. Figures should be submitted as JPEG (300 dpi) or TIFF (300 dpi) files, or as improved metafile.

3.7.2 Diagrams

Original diagrams can be included provided they have excellent quality. Special symbols in the diagram should be explained when there is no special typography. They follow the same format criteria stated in 3.7.1 "Figures".

3.7.3 Photographs

Photographs must be submitted at a resolution of 300 dpi. For figures that combine photographs with diagrams is recommended to use a higher resolution (up to 600 dpi). They follow the same format criteria stated in 3.7.1 "Figures".

3.8 Structural drawings and mathematical equations

Structural drawings of molecules and complex mathematical equations must be placed where they are referred to in the text, on separate lines. They should be cited with Arabic numbers in parentheses on the right side of the text and must have excellent quality. Formulas must also be written using the equation editor of your word processor.



3.9 Acknowledgements

The acknowledgements for financial support, advice or other types of help are made at the end of the text under the title «**Acknowledgements**».

3.10 References

Cites in the main text must be quoted using the name of the author and year of publication, as follows: Montaldo (1962), Carrillo and Latrille (1987). Articles with three or more authors must be cited using the surname of the first author followed by *et al.*, in italics, and then semicolon (without italics) as follows: Pinto *et al.* (1995, 1999); or: (Montaldo, 1962; Carrillo and Latrille, 1987; Pinto *et al.*, 1995, 1999; García-Rodeja *et al.*, 2004; Haller *et al.*, 2015). If they are works by the same author(s) for the same year, after the year of publication a lower case letter a, b, c must be added, e.g. (González *et al.*, 2003a; González *et al.*, 2003b).

In the case of textual quotes they must be indicated in the text as follows:

...“On the contrary, it has been observed that local markets with a high degree of informality can also become spaces for dynamic marketing in poor and marginal territories”... (Ramírez *et al.*, 2007: pág. 8).

Bibliographic cites must be written at the end of the manuscript in alphabetical order. Each bibliographic cite must contain the complete last name of the author(s) in sentence type format, year of publication, title of the article or book, complete name of the journal, volume (number), pages and DOI (optional) according to the following examples:

3.10.1 Journal articles

Vélez, J., Burbano, H., Navia, J., Gómez, E., 2018. El liderazgo de las mujeres y los jóvenes rurales de la región Andina de Colombia. *Agro Sur* 46 (2), 11–21.

Guzmán, J., Ussiri, D., Lal, R., 2019. Soil physical properties following conversion of a reclaimed minesoil to bioenergy crop production. *Catena* 176, 289–295.
<https://doi.org/10.1016/j.catena.2019.01.020>

Besoain, E., Ruíz, R., Hepp, C., 1995. La erupción del volcán Hudson, XI región, y sus consecuencias para la agricultura. *Agricultura Técnica* 55 (3-4), 204–219.

3.10.2 Unpublished manuscripts

Unpublished manuscripts may be cited when they are still under the reviewing process of a journal. In this case, the name of the journal is cited followed by «*in press*» or «*en prensa*». However, this practice is only acceptable if the author has at least received galley proofs of the paper.

3.10.3 Books

Hartge, K.H., Stewart, B.A., 1995. *Soil Structure. Its Development and Function*. Advances in Soil Science. CRC Lewis Publishers, Boca Raton.

Bohn, H.L., McNeal, B.L., O'Connor, G.A., 2001. *Soil Chemistry*, third ed. John Wiley & Sons, Inc., New York³.

Soil Survey Staff, 2014. *Keys to Soil Taxonomy*, 12th ed. USDA-Natural Resources Conservation

³ You can include country of publication in case of specific locations, as indicated below:

Sandoval M., Dörner J., Seguel O., Cuevas J., Rivera D., 2012. *Métodos de Análisis Físicos de Suelos*. Departamento de Suelos y Recursos Naturales Universidad de Concepción. Publicación N° 5, Chillán, Chile.



Service, Washington, DC.

Centro de Información de Recursos Naturales (CIREN), 2003. Estudio Agrológico X Región. Descripciones de Suelos Materiales y Símbolos. Publicación CIREN N° 123, Santiago, Chile.

3.10.4 Chapters from multi-author books

Dörner, J., Dec, D., Matus, F., Zúñiga, F., Ordóñez, I., Horn, R., 2018. The relevance of soil structure conservation and carbon sequestration in Chilean volcanic ash soils for achieving sustainable development goals, in: Lal, R., Horn, R., Kosaki, T. (Eds.), Soil and Sustainable Development Goals. GeoEcology essay, Schweizerbart Science Publishers, Stuttgart, pp. 118–125.

3.10.5 Congress Proceedings (abstract in extenso)

Olivares, A., Castellaro, G., Urra, H., Hidalgo, J., 2009. Conducta ambiental de rumiantes menores en un pastizal de agropiro (*Thinopyrum ponticum* (Podp)). XXXIV Reunión Anual de la Sociedad Chilena de Producción Animal A. G. (SOCHIPA). Universidad Católica de Temuco, 21-23 de Octubre de 2009, Pucón, Chile, pp. 183-184. http://www.sochipa.cl/uploads/media/pucon_2009.pdf

3.10.6 Technical bulletins

Vargas, R., Rojas, J., Orena, S., Kalazich, J., Rodríguez, F., Muñoz, M., 2015. Papas nativas de Chile: El futuro bajo nuestros pies. Tierra Adentro, Instituto de Investigaciones Agropecuarias (INIA), Santiago, Chile, pp. 24-27. <http://www.inia.cl/wp-content/uploads/2015/01/Art%C3%ADculo-T%C3%A9cnico-Papas-12-Enero-2015.pdf>

3.10.7 Web pages

Oficina de Estudios y Políticas Agrarias (ODEPA), 2015. Cultivos Anuales: Superficie, producción y rendimientos. <http://www.odepa.cl/cultivos-anuales-superficie-produccion-y-rendimientos-4/>
U.S. Geological Survey (USGS), 2018. What is the "Ring of Fire"? <https://www.usgs.gov/faqs/what-ring-fire>

3.10.8 Patents

Tesla, N. 1891. *Patent No. 455,067*. Electro Magnetic Motor. United States. June 30, 1891.
Idei, I., 2011. *Patent No. 2012203466*. Alternative medicine retrieval device. March 23, 2011.

****Other types of references will not be accepted, unless they are properly justified by the author.***

4. PROOFS

The corresponding author (or the first of the authors) will be sent a proof to correct the errors that might appear in the final edit of the paper. Other changes cannot be made to the proofs without the authorisation of the editor. Revised proofs should be returned within 15 days by e-mail. In case of failure to comply with this deadline, the editorial team will decide whether to publish the article without corrections (declining responsibility for possible errors that may remain) or to return it to the author(s).

In order to speed up the publication process, the proofs in the final production phase will be uploaded to a special section (Early View) of the **Agro Sur** website. The proofs will be presented in such a way that it will be explicit that it is a proof test still subject to format modifications.

5. EDITORIAL MANAGEMENT AND REVIEW PROCESS

The management and review editorial processes follow the following workflow:



- a) *Manuscript reception.* The receipt of the manuscript is acknowledged, indicating the procedure to be followed.
- b) *First editorial review.* The Editor in Chief or the Editorial Assistant will check that the manuscript complies with minimum standards of format, as well as originality. To do this, the title of the work and some sections of the manuscript will be collated (randomly) to ensure that it has not been previously published in other journals in the area.
- b) *Review by the Editorial Committee.* This Committee must determine if the topic is appropriate for the journal and will check if it complies with the guidelines stated in the instructions for Authors. In the case that this is not fulfilled, the manuscript will be sent to the authors with suggestions. Otherwise, the manuscript will follow the editorial process.
- c) *Manuscript evaluation.* The Editor-in-Chief (or delegate) must send the manuscript to two specialists chosen by the Editorial Committee, who will act as reviewers (evaluators) and give their opinion based on the aspects of form and substance according to a guideline provided by the Editorial Committee. Reviewers will referee in the original language in which the manuscript was received by the journal.
- d) *Analysis of the Evaluation.* The Editor-in-Chief (or delegate) will analyse the comments of the evaluators and if there is unanimity on their part, the work will be accepted as such or it will have to be corrected according to the indications (publishable with modifications). In the latter case, the manuscripts will be returned to the corresponding author together with the pertinent suggestions; once the corrected version has been received, the Editorial Committee will evaluate the pertinence of the corrections. If they are accepted, the corrected manuscript can be published.
- On the other hand, when the observations of the reviewers are not coincident, before making a final decision, the manuscript may be sent to a third reviewer who will act as arbitrator. The latter may be the section editor, which must be defined by the Editor-in-Chief.
- e) *Manuscript Acceptance.* The manuscript will be accepted by the Editor-in-Chief at the recommendation of the evaluators.
- f) *Publishable with Modifications.* The manuscript may be accepted provided that, in accordance with the final recommendation, it is possible to make modifications that allow the article to be published in *Agro Sur*.
- g) *Rejection Manuscript.* If the reviewers agree to reject the manuscript, this decision will be informed to the author, along with the reasons. The authors are free to send a new corrected version according to the suggestions of the reviewers. However, this new revised version must be submitted as a new article.
- h) The responsibility of the content of the journal lies on the Editorial Committee; therefore, they reserve the right to take a final decision both on the published and rejected material.

6. AUTHORSHIP, CO-AUTHORSHIP AND CONFLICTS OF INTEREST

The person in charge of the authorship of a research article (or the other types of presentation format indicated in the IA) is the Corresponding Author, releasing the journal from any responsibility.

All authors are requested to inform any actual or potential conflict of interest including any financial, personal or other conflicts with other people or organizations that could be perceived or improperly influence the development of their work interest. This statement must consider any activity carried out in the last three years that was linked to the work presented to **Agro Sur**. This statement must be included after the "Acknowledgements" section.

7. CORRESPONDENCE



All correspondence to **Agro Sur** must be addressed to:

Dr. José Dörner

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8. MANUSCRIPT SUBMISSION TO *Agro Sur*

All manuscripts must be submitted through the Open Journal Systems (OJS) platform of **Agro Sur**, which can be accessed by following the link "Ingreso Autores" at the WEB site:

<https://www.agrosur-journal.cl/2020/>

In exceptional cases the articles may be submitted via e-mail at: agrosur@uach.cl

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