

## GUIDE FOR AUTHORS

Ecosistemas y Recursos Agropecuarios is an international journal published every four months in December, April and August. It publishes original and previously unpublished Scientific Articles, Scientific Notes and Review Articles, from researchers of any national or international educational institution or research center, in an electronic and printed open access format. The journal's aim is to create a space for discussion and dissemination of results and advances of original and unpublished research on the topics of Agronomic Sciences, Animal Science, Environmental Science, Wildlife, Conservation of Natural Resources and Ecology.

The journal is in the Emerging Source Citation Index (ESCI), SciELO Citation Index, Sistema de Clasificación de Revistas Mexicanas de Ciencia y Tecnología, SciELO México, Latindex, Redalyc, Directory of Open Access Journals (DOAJ), Ebsco, Actualidad Iberoamericana, Dialnet, Periódica, Red Iberoamericana de Innovación y Conocimiento Científico, biblat, Open Science Directory, and CAPES, among others.

Manuscripts must be submitted through the journal's website (<http://era.ujat.mx>), including a cover letter signed by the authors stating that the work is original, unpublished and that it is not in the process of being reviewed in another journal. Manuscripts are received in English or Spanish; in the case of articles written in English where the mother tongue of the authors is not English, a translation certificate from Oxford Science Editing, Proofreading services or American Journal Experts must be submitted. The review articles are requested by the Editorial Committee from leading specialists in the topics addressed in the journal, while the special issues are published at the discretion of the Editorial Committee. All manuscripts without exception are subject to editorial review and the peer review process through the double-blind system, by two or three specialists in the area. The authors can suggest reviewers of recognized prestige, which can be considered by the Editors in the review process.

When the research was conducted with animals, the approval of the corresponding body (in most cases, an Institutional Review Board or Ethics Committee) must be obtained. The authors must include a statement in the Materials and Methods section detailing the complete information corresponding to the approval (including the name of the organization that granted it and the reference numbers). If no approval was obtained, the authors must include a statement explaining why it was not needed. Authors are encouraged to follow the ARRIVE ("Animal Research: Reporting In Vivo Experiments") guidelines developed by NC3Rs. In the case of sending manuscripts that include a list of collected or reviewed specimens, the access number and the name of the scientific collection or museum where they are deposited must be included. The establishment of new taxa and the scientific names cited must comply with international nomenclature codes.

### **Cover letter**

Manuscripts submitted to the journal must be accompanied by a cover letter, which states the originality of the content, and highlights the relevant aspects and their contribution to knowledge. Said letter must be signed by all authors, expressing their agreement with the content of the manuscript and with the journal's editorial procedures.

### **Pre-evaluation**

Manuscripts received for publication are reviewed by the Editor or a member of the Editorial Committee, who verifies that the manuscript is within the subject matter of the journal, has the required format and is written in accordance with the Guide for Authors. It is also checked with Ithenticate and Turnitin anti-plagiarism software to ensure it meets the journal's originality criteria. After this review, if deemed necessary, the author is

asked to make adjustments to continue with the process. The Journal reserves the right to reject articles it does not deem appropriate for publication. In case the manuscript passes the pre-evaluation, it is sent to the Associate Editor to carry out the review and opinion process.

**Publication fees and costs**

The journal does not charge for the submission, processing or publication of original articles.

**Conflict of interests**

All authors are asked to reveal any real or potential conflict of interest, whether personal or financial.

**Changes in authorship**

Modifications in authorship such as the addition, deletion or reorganization of authors' names in the authorship of accepted manuscripts are not allowed.

## GUIDE FOR THE PREPARATION OF MANUSCRIPTS

**General Information** – Write the manuscript on letter-sized sheets, double-spaced, with 12-point Arial Narrow font, 2.5-cm margins, and numbered pages and lines. The Figures and Tables should be placed after the Literature Cited section on separate sheets. The text must be written in the third person, numbers from zero to nine are written with letters, except when they are preceded by a unit of measurement, and from 10 onwards with numbers. The units and abbreviations accepted by the International System of Units must be used.

**Manuscript titles** — Manuscripts must have a main and running (short) title. The main title should not exceed 15 words, reflecting the content of the manuscript. If the manuscript is written in Spanish, the title should first be put in Spanish and then in English; if it is written in English, the title is first put in English and then in Spanish. The main title is centered, in uppercase and lowercase letters in bold, accented, and without the use of a period at the end. The running title must be written in the language of the manuscript, aligned to the right with a maximum of six words, in uppercase and lowercase characters. Scientific names as part of the title are recommended only for rare species or when it is indispensable; when they should be included, they are written in italics, with capital letters in the first letter of the genus and in the surname(s) of the classifier(is); the latter is not written in italics. If the scientific name is used subsequently, the genus can be abbreviated.

**Author names and addresses** — Write the full names of the authors; start with the name(s) and then the surname(s) joined by a hyphen, separated by a comma. To identify the authors put a numerical superscript, which must be related to the affiliation address. If all the authors are attached to the same institution, it is not necessary to use the numerical superscript. Write the name of the institution with the full postal address of the authors; the responsible author must identify himself/herself with an asterisk and include his/her email. When the responsible author has stopped working or studying at the institution where the research was conducted, it is recommended to add the current full address, without removing the original.

**Abstract** — The abstract can have a maximum of 250 words for the scientific article and the review article, and 150 words for the scientific note.

**Keywords** — Place five keywords that are not included in the manuscript's title, in both languages after the resumen and the abstract. Capitalize only proper names, separate all items with commas and put a period at the end of the last word.

**First and second order titles** — First order titles are used to identify the sections. They must be written in capital letters, centered, placed in bold and not have a period at the end (*example: MATERIALS AND METHODS*), and then continue with the text in the next line. Second order titles are used to identify the subsections in each section; they must be aligned to the left margin, with uppercase and lowercase letters in bold and a period at the end, and then continue with the text (*example: Experimental design. A completely randomized ...*).

**Literature cited** — It must reflect the topic's handling, with up-to-date literature from the last five years. Information from web pages is accepted if it comes from institutions whose information is certified and updated (*example: FAO, UNESCO, NOM, and INEGI*). Hard-to-access literature, such as theses, conference proceedings or literature with limited distribution, should not be included.

Cite in the text (1) the author's surname followed by the year, for example, Núñez-García and Fuentes-Carrasco (2013) state ..., (2) the surname in parentheses without a comma and followed by the year, if what was said by the author(s) does not form part of the text (Williams and de la Croix 2015); and (3) the author's surname followed by the year with a letter that allows distinguishing more than one reference published the same year by the author(s) (Santillana 2015a, 2015b). In the event that the idea is supported by more than one citation, the literature is put in chronological order; in the case of two or more authors of the same year, they are ordered alphabetically (Pérez 2015, Pereira and López 2015, Reséndez and Salvadores-Baledón 2015). If there are more than two authors, after the first author, "*et al.*" is written in italics with a period, followed by the year, for example Guadarrama *et al.* (2015) or (Guadarrama *et al.*, 2015) depending on its position in the text. When matching information from the same author of different literature is mentioned, place the most recent.

In the literature cited section, references must be written without spaces using French-type indentation. In the case of journals, write the full name of the journal, volume, followed by a colon and the pages (separated by a hyphen) and a period at the end. In the case of surnames with prepositions (de la, von, etc.), these are written starting with a capital letter before the surname. When citing a document with more than six co-authors, the first six are noted and then *et al.* is added. For articles in press, the DOI (Digital Object Identifier) must be added at the end of the citation.

## Examples

### Articles

- Huanga C, Quinnb D, Sureshc S, Hsia J (2018) Controlled molecular self-assembly of complex three-dimensional structures in soft materials. *Proceedings of the National Academy of Sciences of the United States of America* 115: 70-74
- Shi Q, Dong Y, Qiao D, Wang Q, Ma Z, Zhang F, *et al.* (2015) Isolation and characterization of ZmERF1 encoding ethylene responsive factor-like protein 1 in popcorn (*Zea mays* L.). *Journal of Plant Biotechnology* 120: 747-756.

### Books

- Zar JH (2009) *Biostatistical analysis*. 5th Edition. Prentice Hall. New Jersey, USA. 66p

### Book chapters

- Sánchez AJ, Florido R, Salcedo MA, Ruiz-Carrera V, Montalvo-Urgel H, Raz-Guzman A (2012) Macrofaunistic diversity in *Vallisneria americana* Michx. in a tropical wetland, southern Gulf of Mexico. In: Mahamane A (ed) *Ecosystems I*. InTech. Rijeka, Croatia. pp: 1-26
- López LR, Ruíz AO (2014) Necesidades hídricas y programación del riego para caña de azúcar en Tabasco, México. En: Mendoza PJD, De la Cruz LE, Martínez ME, Osorio OR, Estrada BMA (ed). *Tópicos selectos en agronomía tropical*. Vol 2. Tabasco, México. pp: 171-181

## Internet

- Paliwal RL, Granados G, Lafitte HR, Violic AD, Marathée JP (2001) El maíz en los trópicos: mejoramiento y producción. Organización de las Naciones Unidas para la Alimentación y la Agricultura. Roma, Italia. <http://www.fao.org/docrep/003/X7650S/x7650s00.htm> . Fecha de consulta: 10 de agosto de 2016.
- FAO (2012) Capacidades de pasta y papel. Estudio 2011-2016. Organización de las Naciones Unidas para la Alimentación y la Agricultura. Roma, Italia. 97p. <http://www.fao.org/docrep/016/i3005t/i3005t.pdf>. Fecha de consulta: 5 de agosto de 2016.

## EDITING OF TABLES AND FIGURES

**Tables and Figures** — Include them at the end of the manuscript on separate sheets with titles in the language in which the manuscript is presented, numbered with Arabic numerals.

**Tables** — Only tables in the format of Microsoft Word tables, without grid, in black and white, without background color and with 12-point letters are accepted. It is recommended to only use the significant digits in the numerical values, in congruence with the level of precision with which the variable was measured. Columns must be aligned by the decimal point. Each Table contains three full-length or “major” horizontal lines (although there may be several sub-lines that cover part of the columns.) The first line is placed below the title of the Table, the second below the main classification criteria, and the third one at the end of the Table. The lines should not be done with the drawing tool, because they are different from those of the table format. After the last major horizontal line, the Table’s footnotes are placed. If the tables are longer than one sheet, it is recommended to consider another way of reporting the information or dividing the Table. The size of the Table is proportional to the amount of information presented. Put short and explanatory titles in the language in which the manuscript is submitted. After the number of the Table, put a period and continue (*example* - Table 1. Socioeconomic, technological and commercial aspects in livestock production units).

**Figures** — The Figures correspond to drawings, graphs, diagrams, maps or photographs that illustrate results. The title should be short and explanatory, so that it is understood by itself without the need to read the text. Include a period and continue after the number of the Figure (*example*: Figure 1. Growth of *Amphora* sp at different salinities.). Photographs must have adequate contrast for printing and be sent digitally, with a minimum of 500 dpi (dots per inch <ppp>). In macro and microscopic photographs, and cartographic information, the reference scale must be incorporated. In a figure what is interesting to highlight is the content and not the axes, so the thickness of the axes must be less than that of the interior lines. To indicate the dimensions of the axes, it is suggested to choose appropriate scales which highlight what the author(s) wants to show. The symbols used in the figures should be described at the foot of the Figure. The figures must be sent in JPG or PNG format. The maximum size of the Figure is one page, which allows its reduction to a quarter of the original size, without losing legibility and details. Avoid overloading the Figures. The information presented in Figures should not be duplicated in the text.

**Symbols and abbreviations** — For the use of symbols, use Microsoft Word processor fonts. The first time abbreviations are used in the manuscript, the full name must be entered and the abbreviation enclosed in parentheses. Sentences should not start with symbols, abbreviations or numbers.

## SPECIFIC FORMATS

### 1. FORMAT OF THE SCIENTIFIC ARTICLE

The original results of experimental investigations that are presented in the form of scientific articles must be of national or international significance and, above all, be supported by information obtained by verifiable and valid scientific procedures.

**Order** — Structure the manuscript in the following order: **running (short) title, main title in Spanish and English, author(s), resumen, palabras clave, abstract, keywords, introduction, materials and methods, results, discussion, conclusions, acknowledgments** (optional) and **literature cited**. The maximum length of the manuscript is 25 letter-size pages, including Tables and Figures on separate sheets at the end of the manuscript.

**Resumen** — The resumen should include the objective, methodology, outstanding results, main conclusion, limitations of the study or implications and originality, all in a single paragraph, with a maximum of 250 words.

**Palabras clave** — Place five words that are not contained in the title, in alphabetical order and separated by a comma.

**Abstract y Keywords:** — The content of these sections should be the same as the abstract and keywords in Spanish. The authors are responsible for the translation into English.

**Introduction** — This section must clearly and briefly specify why and for what the study was conducted. It must contain the background, the justification and the objectives of the work. That is, it must contain the scientific, technical, social or economic reasons for the study. Include relevant literature used for the study, preferably from the last five years and published in scientific journals of recognized prestige. It is recommended to select references directly connected to the topic and avoid multiple citations (two or more citations) to support simple or widely known concepts.

**Materials and Methods** — This section should indicate where, when and how the study was conducted (include the study area location, experimental design, evaluated variables, statistical analysis, etc.). The information in this section must be consistent with the study's objective. It must describe in a concise, clear and complete manner the materials and methodology used, in such a way that the study is reproducible by other researchers. It is necessary to include references that expand or detail the information of some method, especially when describing statistical or laboratory methods.

**Results** — The results correspond to the information obtained and analyzed from the point of view of statistics, which are generally organized in the form of Tables and Figures. The textual description should focus on highlighting the relevant aspects of the results, and not on making a repetition in prose of the data presented in Tables and Figures.

**Discussion** — This section constitutes the core part, as it is here where the results obtained from the study are interpreted, according to the objective. When the results differ from those obtained by other authors, the possible causes should be discussed, without falling into speculations that lack sustenance. In general, the author must take into account that it is not enough to present data but must explain them based on their

relevance and compare them with relevant and current studies.

**Conclusions** — Briefly and concisely state the specific contributions to the field of knowledge, backed by the results obtained, all written in a paragraph. It is not acceptable to include suggestions for future studies in this section.

**Acknowledgments** — They are optional. They are used to give credit to people and institutions that provided funding, advice or help during the study.

**Literature Cited** — It is integrated in alphabetical and chronological order with all the literature cited in the text.

## 2. SCIENTIFIC NOTE

For a Scientific Note, important and novel preliminary results, modifications of some experimental method or technique, statistical methodologies, or a description of new varieties, devices or field or laboratory instruments are considered, preferably based on the results of recent research.

The Scientific Note must contain the following sections: **running (short) title, main title in Spanish and English, author(s), resumen (maximum 150 words), palabras claves, abstract, keywords, introduction, materials and methods, results and discussion, acknowledgments (optional) and literature cited.** The conclusions are included in a paragraph at the end of the results and discussion section. The maximum length is 15 pages including Tables and Figures.

## 3. REVIEW ARTICLES

The request for this type of manuscript is made by the journal's Editorial Committee to prominent professionals in the subject area addressed by the journal. It should preferably be written in English, and its maximum length is 35 pages. The sections of these contributions are: **main title, running (short) title, resumen, palabras clave, abstract, keywords, introduction, development of the topic (with the necessary sections), conclusions and literature cited.**

## 4. LETTERS TO THE EDITOR

They are manuscripts related to critical analysis of books published in the last two years, remembrances of the scientific work of renowned researchers, and comments on topics of interest and articles published in the journal. The maximum length is four pages, in free format. If citations are included in the text, they should be cited at the end of the manuscript according to the journal's Guide for Authors.

## CONSIDERATIONS

Abbreviations are the same in singular and plural (1 cm, 15 cm); do not place a period after the abbreviation, except at the end of a sentence.

Leave a space between the number and the unit of measurement.

**Incorrect:** 15m, 37°C.

**Correct:** 15 m, 37 °C.

Do not leave a space between the number and the unit when dealing with angles and measurements of longitude or latitude.

**Incorrect:** 30 ° 15 ' 5 " North Latitude

**Correct:** 30° 15' 5" LN

Use spaces to divide numbers of more than three digits.

**Incorrect:** 21345678.00

**Correct:** 21 345 678.00

Do not mix nouns with units of measurement.

**Incorrect:** The content is 30 ml H<sub>2</sub>O/kg

**Correct:** The water content is 30 ml kg<sup>-1</sup>

Do not start sentences with numbers.

**Incorrect:** 30 specimens were collected in the forest.

**Correct:** In the forest, 30 specimens were collected.

Abbreviate the units of measurement when they are preceded by digits, but not when they are nouns.

**Incorrect:** The turtle weighed 15 kilograms; it was weighed in kg.

**Correct:** The turtle weighed 15 kg; it was weighed in kilograms.

Do not use symbols as nouns in phrases.

**Incorrect:** this is > than the other.

**Correct:** this is greater than the other.

Represent the numbers with words when they have a digit (zero to nine), and with numbers when they have two or more digits.

**Incorrect:** A total of 3 samples were taken, ... from the ten locations ...

**Correct:** A total of three samples were taken, ... from the 10 locations ...

In formal writing do not use slash marks with dates.

**Incorrect:** 10/12/15.

**Correct:** December 10, 2015



Express time using the 24-hour system.

**Incorrect:** 8:00 a.m., 9:30 p.m.

**Correct:** 8:00 h, 21:30 h.

Insert formulas with the Word equation editor.

**Incorrect:**  $X = (-b^2 \pm (b^2 - 4ac)^{0,5}) / (2a)$

**Correct:**  $X = (-b \pm \frac{\sqrt{(b^2 - 4ac)}}{2a})$

### **Unidades Básicas —**

Ampere - A	Liter - L
Candela - cd	Meter - m
Calorie - cal	Miligram - mg
Centimeter - cm	Minute - min
Cubic centimeter - cm <sup>3</sup>	Mililiter - mL
Day - d	Milisecond - ms
Degree Celsius - °C	Milivolt - mv
Gram - g	Mole - mol
Hectare - ha	Nanometer - nm
Hectometer - hm	Miligrams per liter - mg L <sup>-1</sup>
Hour - h	Second - s
Kilogram - kg	Ton - t
Kilometer - km	Volt - v

### **INFORMES:**

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