GUIDELINES FOR AUTHORS

The norms of the Brazilian Journal of Agricultural and Environmental Engineering (Agriambi), presented herein, are subject to modifications over time; thus, we suggest the authors to consult them at the moment of the submission of their manuscripts. The manuscripts must not have been sent to any other journal and will be selected for evaluation by the reviewers only if totally within the norms of this Journal.

Authors must have their manuscripts reviewed by a specialist for orthography and grammar correction of English before submitting or returning them to the Journal, at any step of the process. Manuscripts with orthography problems will be negatively affected in the evaluation and may be rejected for this reason. Articles that directly or indirectly address studies involving humans and animals, in their entirety or part of them, including the management of information or materials in all areas of knowledge, must inform in the Material and Methods item that the study was approved by the committee of ethics involving human beings and/or ethics committee in the use of animals, with the name of the Committee, Institution and Process number. Manuscripts addressing research with experiment will only be accepted for publication if at least one of the following criteria is met: a) experiment with minimum of 20 plots; b) experimental design with number of residual degrees of freedom equal to or higher than 10; and c) treatments must have at least three replicates. Scientific manuscripts that describe research results obtained more than eight years ago will not be accepted for publication. Authors must inform, in the items Abstract, Resumo and Material and Methods, the period and place (including geographical coordinates and altitude only in the Material and Methods item) of the research and, in the case of research with experiment, the experimental design, treatments and the number of replicates. Manuscripts subdivided into parts I and II must be submitted together, since they will be sent to the same reviewers.

Language and study areas

The scientific articles submitted to Agriambi Journal must be original and unpublished, and written in English. For articles accepted for publication, authors will be asked to provide English proofreading through one of the companies accredited by the Journal, according to the list available at www.agriambi.com.br. Even though the article submission is only in English, the manuscript must also have Title, Abstract and Key words in Portuguese, which should come after the Title, Abstract and Key words in English. All words in figures should be translated into English, and numeric values in tables, figures and in the text should have a dot instead of a comma separating the integer from the decimal. The name of Brazilian institutions, such as departments, universities and institutes must remain in original language. The manuscripts must result from researches in one of the following areas: Soil, Water and Plant Management, Irrigation and Drainage Engineering, Agricultural Meteorology and Climatology, Storage and Processing of Agricultural Products, Environmental Control and Management (this area includes only manuscripts describing researches on environmental control and management in the agricultural context), Rural Construction and
Ambience, Automation and Instrumentation, Agricultural Machines and Energy in Agriculture. The Journal accepts contributions only in the modalities of Scientific Paper and Literature Review, that is, contributions must describe the results of scientific research carried out. Contributions in the modalities of Preliminary Note and Technical Note are not accepted by the Journal. In addition, it should be pointed out that the Journal does not publish manuscripts of extension and/or purely technical nature; manuscripts simply describing the development of software, spreadsheets and mobile applications will not be accepted for publication.

Sequence of items in the manuscript

a) Title in English: it encompasses the content and the objective of the study, with maximum of 15 words, including articles, prepositions and conjunctions. Only the first letter of the first word must be capitalized. However, when the title has a subtitle, i.e., followed by colon (:), the first letter of the first word of the subtitle (to the right of the colon) must be capitalized. The title must not include the words effect, evaluation, influence or study.

b) Name(s) of the author(s):

- The manuscript file sent in the submission must not contain the name(s) of the author(s) or the identification of the institution(s), because this file will be made available to the reviewers in the system, ensuring blind peer evaluation. However, the name(s) of the author(s) will be informed to the system by the corresponding author during the submission. The corresponding author must already be registered as author in the SciELO Publication system before beginning the submission process. It is necessary that the corresponding author defined his position in the authorship of the article in relation to the other authors.

- There is no limitation on the number of authors in the article.

- After submission of the article through the SciELO System, subsequent changes to the authors' names are not allowed, whether in sequence, substitution or addition.

c) Institution and place where the research was developed.

d) Highlights.

Insert three highlights describing the main findings or results of the research, however, the words used in this description should not be the same as the conclusions. Each highlight must have a maximum of 125 characters with spaces. See examples of highlights in articles recently published in Agriambi Journal.

e) Abstract: maximum of 250 words with no abbreviations.

f) Key words: minimum of three and maximum of five, not included in the Title, separated by commas and with only lowercase letters.

g) Title in Portuguese: the same standardization of the title in English.

h) Resumo: maximum of 250 words, an exact translation of the Abstract.

i) Palavras-chave: the same standardization of the Key words, and an exact translation of this item.

j) Introduction: the relevance of the study must be highlighted, including through literature review, in a maximum of one page. The Introduction must not have equations, tables, figures or basic
theoretical text on a specific subject; instead, there should be a text referring to research results. The last paragraph must present the objective of the study.

k) Material and Methods: it must provide indispensable information that allows the replication of the research by other researchers.

l) Results and Discussion: the obtained results must be discussed and interpreted based on the literature. Tables and figures must not present the same results.

m) Conclusions: must be numbered and written succinctly, i.e., with no comments or additional explanations, based only on the presented results and with no abbreviations.

n) Acknowledgments (optional)

o) Literature Cited:

- The submitted manuscript must have at least 80% of journal citations, with a minimum of 40% from the last five years.

- Bibliographic citations such as “apud” or “cited by” are not be accepted, i.e., citations must be only of the original references.

- Citations of in-press articles, personal communications, folders, handouts, monographs, final course assignments, technical reports and works published in congresses, dissertations and thesis are not accepted in the elaboration of the manuscripts.

- In certain contextualization, the citation of more than one bibliographic reference should first follow the chronological order and, then, the alphabetical order of the authors; in the citation of more than one bibliographic reference of the same authors, his/her name must not be repeated; however, the publication years must be separated by a comma.

- The manuscript must have a maximum of 30 bibliographic references. For the contribution in the modality of Literature Review, there is no maximum limit for the number of bibliographic references.

The contribution in the form of a Literature Review must have the following sequence: Title, Abstract and Key words in English and then Title, Abstract and Key words in Portuguese, Introduction, Items on the topics of the review, Conclusions, Acknowledgments (Optional), Literature Cited.

**Text editing**

a) Word of Microsoft Office 2016: The manuscript must be edited only in this version of Microsoft Word.

b) Text: font Times New Roman, size 12. The text must not contain bold or italic words, except for the title, items and sub-items, which must be in boldface, and the scientific names of plant and animal species, which must be in italic. Equations, tables and figures must not contain italic or bold words. The equations should be written using the software MS Equation.

c) Spacing: the text must be double-spaced in the entire manuscript.

d) Paragraph: 0.5 cm.

e) Page: size A4, portrait orientation, top and bottom margins of 2.54 cm and left and right of 3.00 cm, with a maximum of 20 pages, including tables, figures and the cited literature. Pages and
lines must be numbered; line numbering must be continuous, i.e., continuing from the previous to the next page.

f) All the items must be capitalized, in boldface and centered, except Abstract and Resumo, which must be aligned to the left, and Key words and Palavras-chave left-aligned with only the first letter capitalized. The sub-items must be aligned to the left, in boldface, with only the first letter capitalized.

g) Units must be expressed in the ISU (International System of Units) and the scientific terminology must follow the international conventions of each area.

h) Tables and Figures (graphs, maps, images, photographs, drawings):

- Tables and figures must be self-explanatory and have width of 8.75 or 18 cm, with font Times New Roman, size 9, and inserted right below the paragraph in which they are cited for the first time. Examples of citations in the text: Figure 1; Table 1. Figures with virtually the same title must be grouped in one single figure, creating, however, an indication of differentiation. The indicating letter of each sub-figure in a grouped figure must be capitalized and followed by a period (Example: A.), placed in the upper left corner of the figure. Grouped figures must be cited in the text as follows: Figure 1A; Figure 1B; Figures 1A and B. Tables and figures with width of 18 cm will exceed left and right margins of 3.0 cm, which is not a problem.

- Tables must not contain vertical dashed lines and should have the minimum possible of horizontal dashed lines. Numbers in the columns must be aligned by the last digit. Example of the title, which must be above the table: Table 1. Selected INMET stations (without a fullstop at the end). In tables with comparison of means, according to statistical analysis, there must be a space between the number (mean) and the letter.

- Figures must not contain borders, and the curves (in case of graphs) can be in color, but always using different data markers, because labels based only on colors will disappear when photocopied. Example of the title, which must be below the figure: Figure 1. Accumulated soil loss as a function of the application time of simulated rain (without a fullstop at the end). In order to avoid redundancy, figures must not contain the data presented in tables. If the title and the numbering of axis X and/or Y are equal in grouped figures, only one centered title must be used, with the numbers in only one axis. Graphs, diagrams (curves in general) must come as a vector image. Bitmap figures must have a minimum resolution of 300 bpi. The authors should ensure the quality of resolution, aiming at a good comprehension of the figures.

- Legends, axis and axis titles of the figures must contain Times New Roman font and should not be italicized or bold. In case of equal axis titles for Figures 1A, B, C ... center the axis title for all figures. Figures with subtitles should have different markers for each curve, because figures with color-only subtitles, when printed in black and white the subtitles disappear, making it impossible to identify each curve.

- In case of research with treatments, inform in table or in figure, the value of the coefficient of variation (CV) for each variable evaluated. When there is regression analysis, provide, in table or figure, for each equation the value of the coefficient of determination (R^2) followed by the value of the CV; there should be no figures having curves with R^2 lower than 0.60; in these cases, include the equation and the respective value of R^2 in the discussion of the results. Place in each regression equation presented in table or figure, the symbology of the significance of the coefficients (* or ** or ns), placing it in superscript between the values of the coefficients and the variable. Place a footnote in Times New Roman 9 font in the figure or table informing the probability of significance of the coefficients of the equation and the statistical test adopted; example: ** - Significant at p ≤ 0.01 by the F test. Each experimental point plotted in the figure
must have, through a vertical bar, the representation of the standard error or standard deviation, and a footnote in Times New Roman 9 font, must inform if it is the standard error or standard deviation.

Examples of citations in the text

a) When the citation has only one author: Oliveira (2020) or (Oliveira, 2020).

b) When the citation has two authors: Thomaz & Fidalski (2020) or (Thomaz & Fidalski, 2020).

c) When the citation has more than two authors: Anjos et al. (2022) or (Anjos et al., 2022).

d) When the work is authored by an institution/company, the citation must be its acronym, in capital letters: EMBRAPA (2020) or (EMBRAPA, 2020).

e) When there are citations with one or two authors, having the same authors and being from the same year: Oliveira (2020a); Oliveira (2020b); Thomaz & Fidalski (2020a); Thomaz & Fidalski (2020b).

f) When there are citations with more than two authors, having the same name as the first author and being from the same year: Liu et al. (2020a); Liu et al., 2020b); (Liu et al. (2020a,b).

List of Literature Cited

The references cited in the text should be arranged in the Literature cited at the end in alphabetical order starting with the last name of the first author and, in ascending chronological order, and contain the names of all authors. Put at the end of each reference listed the link to its doi for access.

The following are examples of formatting:

a) Books


b) Book chapter


c) Journals


d) Software references


e) Other reference formats


References that have one or two authors, having the same authors and being from the same year, and references that have more than two authors, having the same name as the first author and being from the same year, must be identified in the list of literature cited. after the year, by the letters a, b, etc.
Further information on standardization of manuscripts

a) Do not use a fullstop after Palavras-chave, Keywords and titles of tables and figures.

b) In the description of the parameters and variables of an equation, a hyphen (-) must separate the symbol from the description, and a semicolon (;) must be used at the end of each description, with a fullstop (.) after the last one. The number of an equation must be in parentheses and aligned to the right: example: (1). The equations must be cited in the text, according to the following examples: Eq. 1; Eqs. 3 and 4.

c) All the letters in an abbreviation must be capitalized; however, in the full name of an institution, only the first letter of each word must be capitalized.

d) Examples of the format of units

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e) When pertinent, numerical values in the text, tables and figures should have a maximum of two decimal places.

f) The titles of the listed bibliographies must have only the first letter of the first word capitalized, except for proper names. The title of events must have only the first letter of each word capitalized.

Steps for online manuscript submission

Manuscripts can only be submitted online, through the SciELO Publication System (https://submission.scielo.br/index.php/rbeaa/login), following the five steps described below:

1º SUBMISSION STEP: START SUBMISSION

In this step will be provided information about: section in which the manuscript fits; Language of submission; conditions for submission (verification of the norms of the Journal); copyright statement; privacy policy; and editor comments (optional).

2º SUBMISSION STEP: TRANSFERENCE OF THE MANUSCRIPT AND THE SUBMISSION FEE PROOF.

In this step, the file of the submitted manuscript, which must not contain the names of the authors or their institutional and e-mail addresses, will be transferred, and following the file of the proof of submission fee. First, choose text file and insert the article file to be evaluated, then choose to submit new file - others, and attach the proof of submission fee.

3º SUBMISSION STEP: INCLUSION OF METADATA (INDEXING)

In this step the following information should be provided: authors; title and abstract; indexation; and granting agencies. Once the article has been submitted, it will not be possible, at any time, to change the names or the sequence of the authors.

4º SUBMISSION STEP: CONFIRMATION
In this step the submission will be completed.

**Fees charged**

The Agriambi journal has the following fees:

Submission fee: R$ 120.00 (one hundred and twenty reais) - Payment upon submission of the article.

Publication fee: R$ 40.00 (forty reais) per page of Word in double space between lines - Payment on the occasion of the acceptance notice of the article for publication.

The payment of these fees must be made through deposit or transference to the account Banco do Brasil, Agência 1591-1, Account 34.849-X, Favored: PARQUE PROJETO 101 (Fundação Parque Tecnológico da Paraíba, CNPJ 09.261.843 / 0001-16), Bank account PIX key: 34849x@paqtc.org.br.

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