TITLE

Firstname Lastname 1, Firstname Lastname 2,\* and Firstname Lastname 2

1 Affiliation 1; e-mail:

2 Affiliation 2; e-mail:

\* E-mail: correspondence\_e-mail@e-mail.com

Received: . Revised: . Accepted: . Published online: .

|  |
| --- |
| **ABSTRACT**.The abstract is a preview of the bigger scientific research; hence, it has to include a little bit of introduction, the objective of the study, the methodology, the major findings of the research, and their implication for the scientific world. The abstract should be 200 - 250 words. No citations or references to figures or tables are allowed. We suggest that authors add numerical values of their results to make this section more attractive. The abstract will not include reference sources. Please use the impersonal expression; instead of “our study...” write “this study...”**Keywords:** keyword 1; keyword 2; … List three to five relevant keywords for the article. They should be unique rather than repetition of the words given in the title. Avoid words that have too broad a meaning. Please note that the selection of reviewers for the peer review process takes into account the specialties corresponding to the paper’s keywords. |

**Using the template**

This document is arranged so that it can be used as a template that can be worked on directly by replacing the corresponding paragraphs.

The template is structured and set in such a way that authors can enter all the necessary information with a minimum of effort in terms of technical editing rules. Later, the accepted manuscripts will be arranged - in the editorial office - on the page on the B5 format, with the text in two columns (see published papers).

The titles of the sections presented in the template are mandatory for articles. In the case of reviews and case studies, the structure may differ according to generally recognized ad hoc methodologies.

If you have questions or ambiguities, please contact us at journalalse @iuls.ro

1. Introduction

The current state of knowledge in the field of study addressed must be carefully reviewed and supported by the citation of the relevant and most recent publications (those from the past 5 years are most desirable).

At the end of this section the study’s objectives should be briefly but clearly presented, and the authors must include a clear hypothesis of their study.

If the introduction is convincing, and supported by the publications to which you have referred, editors, reviewers, and readers will find your study useful.

The bibliographic references should be marked in the text, between round brackets, in one of the following three ways, depending on the number of authors (one author, two or more): (Author 1, Year), (Author 1 and Author 2, Year), (Author 1 et al., Year).

If an assertion is supported by two or more references, they will be written separated by a semicolon (;).

The use of footnotes is not encouraged.

**2. Materials and Methods**

This section should clearly explain how your research was carried out. In a practical way, readers should find here all the information that will allow them to perform similar experiments as well as to judge the quality and validity of the work.

Established research methods can be described briefly, with adequate bibliographic references; only new methods/instruments should be described in detail.

Research involving animals or humans must contain the explicit statement of the authority that granted the approval, including its code.

**3. Results**

In this section, the main findings of the undertaken study must be described as precisely and concisely as possible. Express yourself as if you were telling an interesting story, one that is easy to read and understand. Keep in mind that you are presenting your own results, so it is not appropriate to include in this section the results of other authors cited in the references.

For all experimental results, a measure of variability must be presented (standard errors, coefficients of variation, least significant differences).

**3.1** Figures and tables must be cited in the text in the order of their appearance as (Figure 1) and (Table 1), respectively, and their content must be commented on, without exception. As far as possible, they will be inserted in the text immediately after they were cited the first time.

*Figures* need to have a succinct description that explains how the data were generated. Figures with complex content require a legend to help readers understand the graphic representation. Please insert figures/photographs with a good resolution.



**Figure 1 -** Title of the figure

Avoid redundant or ambiguous expressions. Do not present the same values in tables and figures, or vice versa.

**Table 1 -** Title of the table

|  |  |  |
| --- | --- | --- |
| **Column 1** | **Column 2** | **Column 3** |
| Data 1 | Data 2 | Data 3 |
| Data 1 | Data 2 | Data 3 |
| Data 1 | Data 2 | Data 3 |
| Data 1 | Data 2 | Data 3 |

Notes: Abbreviations, other explanations.

If a table contains abbreviations, they must be defined/explained, in the form of notes placed immediately below, as in the example above.

**3.2** Equations

The insertion of equations as images is not allowed. Please use the equation editor of the word processing program you are using so that the calculation relationship is visually pleasing but also allows the intervention of the editorial office for possible rearrangements. Immediately below the formula, the meaning of the symbols that compose it must be explained. Formulas are aligned flush right and numbered in order of appearance, with numbers in parentheses. Between the equation and the parenthesis, insert as many spaces as are necessary for the formula to be located in the middle of the page, as in the example below (*Equation 1*):

$A=π·r^{2}$ (1)

where: *A* - the area of the circle; π = 3.14; *r* - circle radius

As a general rule, measurement units from the International System (SI Units) will be used.

**4. Discussion**

In contrast to the Results section, discuss the interpretation of your findings, as broadly as possible, in relation to previous research and the working hypotheses considered. You should explain what your results mean; what significance and importance they have; and what they add to the extant research that is new, compared with what was known until now.

**5. Conclusions**

Authors should add two or three solid conclusions that are based on the findings of their study. Copying and pasting text from the contents of the article in this section is not acceptable. Specifying whether or not the obtained results support known theories is sufficient.

Suggestions about future research directions is welcome.

**Author Contributions:** In the case of articles with several authors, the contribution of each one will be specified, inserting the initials of the name after one of the following activities: conceptualization; methodology; analysis; investigation; resources; data curation; writing, review; supervision; and so on.

All authors declare that they have read and approved the publication of the manuscript in this present form.

**Funding:** Please specify, as appropriate: “There was no external funding for this study”or “The authors would wish to express their gratitude to the Name or Designation of the funder, trough project/grant number . . . ” To avoid errors, please write the funder name as it is found at https://search.crossref.org/funding.

**Acknowledgments:** If you have received logistical, technical, or administrative support (e.g., materials for experiments, assistance in writing, language revision) from a source other than the financier, it is fair to admit this.

**Conflicts of Interest:** Please specify any conflicts of interest or the lack thereof.

References

References must be listed at the end of the manuscript, in alphabetical order. To avoid errors, it is helpful to use specialized software, such as EndNote.

To facilitate finding/identifying cited references, it is very important to include the digital object identifier (DOI), if it exists.

All references must be provided in English (*ACS Style*) with a specification of the *original language* in round brackets.

**Journal papers:** Names and initials of authors. Title of the paper. *Journal name* **Year**, **Volume** (issue), page range. DOI.

Xiong, M.; Sun, R.; Chen, L. Effects of soil conservation techniques on water erosion control: A global analysis. *Science of the Total Environment* **2018**, *645*, 753–760. https://doi.org/10.1016/j.scitotenv.2018.07.124

**Proceedings Volumes:** Names and initials of the authors. Title of the paper. Conference name, Date, Place, Publisher, DOI or Citable Link.

Hardy, J.; Massa, G.; Nabity, J.; Kociolek, P. Review of Targeted Lighting Approaches for Controlled Environment Agriculture in Space Habitats. 51st International Conference on Environmental Systems ICES-2022-6, 10–14 July 2022, St. Paul, Minnesota, Texas Digital Library, https://hdl.handle.net/2346/89549

**Books:** Names and initials of the authors. *Title of the book*, Edition. Editor, Publisher name, Publisher location, Country, Year, Page numbers.

Heldt, H.W.; Piechulla, B. *Plant Biochemistry*, 5th Edition. Elsevier Academic Press, Amsterdam, Netherlands, 2021, pp. 335–371.

**Chapter in books:** Names and initials of the authors, Title of the chapter, In *Book Title*, Edition. Editor, Publisher name, Publisher location, Country, Year, Page numbers.

Heldt, H.W.; Piechulla, B. Biosynthesis, Processing, and Degradation of Plant Proteins,In *Plant Biochemistry*, 5th Edition. Elsevier Academic Press, Amsterdam, Netherlands, 2021, pp. 503–531.

**Dissertations:** Names and initials of author. Title of Thesis. Level of Thesis (PhD Thesis, MSc Thesis), University Name and Location, Date of Completion.

Kammoun, M. Active molecules extraction and conversion from plant biomass: Salts as green catalysts and solvents. PhD Thesis, University of Liège, 27/06/2022.

**Web references:** Title of Site. Available online: URL (accessed on Day Month Year).

FAO. Zero tillage: when less means more. http://www.fao.org/ag/magazine/0101sp1.htm (accessed on 25 August 2022).

Academic Editor: Firstname Lastname

Publisher Note: Regarding jurisdictional assertions in published maps and institutional affiliations ALSE maintain neutrality.



© 2025 by the authors; licensee Journal of Applied Life Sciences and Environment, Iasi, Romania. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution License (http://creativecommons.org/licenses/by/4.0/).