

1 Type of the Paper (Article, Review, Communication, etc.)

2 **Title**

3 **Firstname Lastname¹, Firstname Lastname² and Firstname Lastname^{2,*}**

4 ¹ Affiliation 1; e-mail@e-mail.com

5 ² Affiliation 2; e-mail@e-mail.com

6 * Correspondence: e-mail@e-mail.com; Tel.: (optional; include country code; if there are multiple
7 corresponding authors, add author initials)

8 **Abstract:** A single paragraph of about 200 words maximum. For research articles, abstracts should
9 give a pertinent overview of the work. We strongly encourage authors to use the following style of
10 structured abstracts, but without headings: (1) Background: Place the question addressed in a
11 broad context and highlight the purpose of the study; (2) Methods: briefly describe the main
12 methods or treatments applied; (3) Results: summarize the article's main findings; (4) Conclusions:
13 indicate the main conclusions or interpretations. The abstract should be an objective
14 representation of the article and it must not contain results that are not presented and
15 substantiated in the main text and should not exaggerate the main conclusions.

16 **Keywords:** keyword 1; keyword 2; keyword 3 (List three to ten pertinent keywords specific to the
17 article yet reasonably common within the subject discipline.)
18

19 **0. How to Use This Template**

20 The template details the sections that can be used in a manuscript. Note that each
21 section has a corresponding style, which can be found in the "Styles" menu of Word.
22 Sections that are not mandatory are listed as such. The section titles given are for articles.
23 Review papers and other article types have a more flexible structure.

24 Remove this paragraph and start section numbering with 1. For any questions,
25 please contact the editorial office of the journal or support@mdpi.com.

26 **Citation:** Lastname, F.; Lastname, F.;
27 Lastname, F. Title. *Forests* **2022**, *13*, x.
28 <https://doi.org/10.3390/xxxxx>

29 Academic Editor: Firstname
30 Lastname

31 Received: date

32 Accepted: date

33 Published: date

34 **Publisher's Note:** MDPI stays
35 neutral with regard to jurisdictional
36 claims in published maps and
37 institutional affiliations.



38 **Copyright:** © 2022 by the authors.
39 Submitted for possible open access
40 publication under the terms and
41 conditions of the Creative Commons
42 Attribution (CC BY) license
43 (<https://creativecommons.org/licenses/by/4.0/>).

26 **1. Introduction**

27 The introduction should briefly place the study in a broad context and highlight
28 why it is important. It should define the purpose of the work and its significance. The
29 current state of the research field should be carefully reviewed and key publications
30 cited. Please highlight controversial and diverging hypotheses when necessary. Finally,
31 briefly mention the main aim of the work and highlight the principal conclusions. As far
32 as possible, please keep the introduction comprehensible to scientists outside your
33 particular field of research. References should be numbered in order of appearance and
34 indicated by a numeral or numerals in square brackets—e.g., [1] or [2,3], or [4–6]. See the
35 end of the document for further details on references.

36 **2. Materials and Methods**

37 The Materials and Methods should be described with sufficient details to allow
38 others to replicate and build on the published results. Please note that the publication of
39 your manuscript implicates that you must make all materials, data, computer code, and
40 protocols associated with the publication available to readers. Please disclose at the
41 submission stage any restrictions on the availability of materials or information. New
42 methods and protocols should be described in detail while well-established methods
43 can be briefly described and appropriately cited.

Research manuscripts reporting large datasets that are deposited in a publicly available database should specify where the data have been deposited and provide the relevant accession numbers. If the accession numbers have not yet been obtained at the time of submission, please state that they will be provided during review. They must be provided prior to publication.

Interventionary studies involving animals or humans, and other studies that require ethical approval, must list the authority that provided approval and the corresponding ethical approval code.

3. Results

This section may be divided by subheadings. It should provide a concise and precise description of the experimental results, their interpretation, as well as the experimental conclusions that can be drawn.

3.1. Subsection

3.1.1. Subsubsection

Bulleted lists look like this:

- First bullet;
- Second bullet;
- Third bullet.

Numbered lists can be added as follows:

1. First item;
2. Second item;
3. Third item.

The text continues here.

3.2. Figures, Tables and Schemes

All figures and tables should be cited in the main text as Figure 1, Table 1, etc.



Figure 1. This is a figure. Schemes follow the same formatting.

Table 1. This is a table. Tables should be placed in the main text near to the first time they are cited.

Title 1	Title 2	Title 3
entry 1	data	data
entry 2	data	data ¹

¹ Tables may have a footer.

The text continues here (Figure 2 and Table 2).

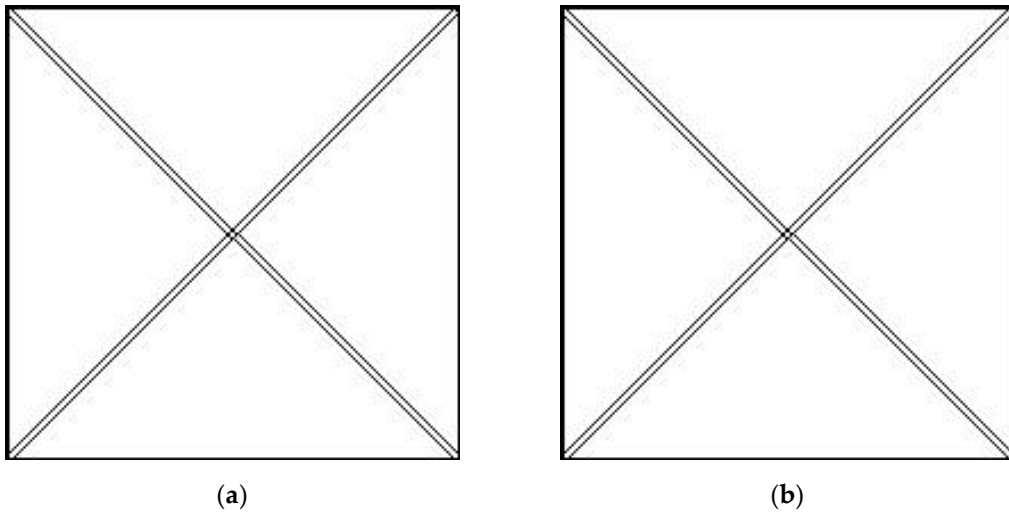


Figure 2. This is a figure. Schemes follow another format. If there are multiple panels, they should be listed as: **(a)** Description of what is contained in the first panel; **(b)** Description of what is contained in the second panel. Figures should be placed in the main text near to the first time they are cited. A caption on a single line should be centered.

Table 2. This is a table. Tables should be placed in the main text near to the first time they are cited.

Title 1	Title 2	Title 3	Title 4
entry 1 *	data	data	data
	data	data	data
	data	data	data
entry 2	data	data	data
	data	data	data
entry 3	data	data	data
	data	data	data
	data	data	data
	data	data	data
entry 4	data	data	data
	data	data	data

* Tables may have a footer.

3.3. Formatting of Mathematical Components

This is example 1 of an equation:

$$a = 1, \tag{1}$$

the text following an equation need not be a new paragraph. Please punctuate equations as regular text.

This is example 2 of an equation:

$$a = b + c + d + e + f + g + h + i + j + k + l + m + n + o + p + q + r + s + t + u + v + w + x + y + z \tag{2}$$

the text following an equation need not be a new paragraph. Please punctuate equations as regular text.

Theorem-type environments (including propositions, lemmas, corollaries etc.) can be formatted as follows:

Theorem 1. Example text of a theorem. Theorems, propositions, lemmas, etc. should be numbered sequentially (i.e., Proposition 2 follows Theorem 1). Examples or Remarks use the same

93 *formatting,*
94 *but should be numbered separately, so a document may contain Theorem 1, Remark 1 and Example 1.*

95 The text continues here. Proofs must be formatted as follows:

96 **Proof of Theorem 1.** Text of the proof. Note that the phrase “of Theorem 1” is optional if
97 it is clear which theorem is being referred to. Always finish a proof with the following
98 symbol. □

99 The text continues here.

100 4. Discussion

101 Authors should discuss the results and how they can be interpreted from the
102 perspective of previous studies and of the working hypotheses. The findings and their
103 implications should be discussed in the broadest context possible. Future research
104 directions may also be highlighted.

105 5. Conclusions

106 This section is not mandatory but can be added to the manuscript if the discussion
107 is unusually long or complex.

108 6. Patents

109 This section is not mandatory but may be added if there are patents resulting from
110 the work reported in this manuscript.

111 **Supplementary Materials:** The following supporting information can be downloaded at:
112 www.mdpi.com/xxx/s1, Figure S1: title; Table S1: title; Video S1: title.

113 **Author Contributions:** For research articles with several authors, a short paragraph specifying
114 their individual contributions must be provided. The following statements should be used
115 “Conceptualization, X.X. and Y.Y.; methodology, X.X.; software, X.X.; validation, X.X., Y.Y. and
116 Z.Z.; formal analysis, X.X.; investigation, X.X.; resources, X.X.; data curation, X.X.;
117 writing—original draft preparation, X.X.; writing—review and editing, X.X.; visualization, X.X.;
118 supervision, X.X.; project administration, X.X.; funding acquisition, Y.Y. All authors have read and
119 agreed to the published version of the manuscript.” Please turn to the [CRediT taxonomy](#) for the
120 term explanation. Authorship must be limited to those who have contributed substantially to the
121 work reported.

122 **Funding:** Please add: “This research received no external funding” or “This research was funded
123 by NAME OF FUNDER, grant number XXX” and “The APC was funded by XXX”. Check carefully
124 that the details given are accurate and use the standard spelling of funding agency names at
125 <https://search.crossref.org/funding>. Any errors may affect your future funding.

126 **Data Availability Statement:** In this section, please provide details regarding where data
127 supporting reported results can be found, including links to publicly archived datasets analyzed
128 or generated during the study. Please refer to suggested Data Availability Statements in section
129 “MDPI Research Data Policies” at <https://www.mdpi.com/ethics>. If the study did not report any
130 data, you might add “Not applicable” here.

131 **Acknowledgments:** In this section, you can acknowledge any support given which is not covered
132 by the author contribution or funding sections. This may include administrative and technical
133 support, or donations in kind (e.g., materials used for experiments).

134 **Conflicts of Interest:** Declare conflicts of interest or state “The authors declare no conflict of
135 interest.” Authors must identify and declare any personal circumstances or interest that may be
136 perceived as inappropriately influencing the representation or interpretation of reported research
137 results. Any role of the funders in the design of the study; in the collection, analyses or
138 interpretation of data; in the writing of the manuscript, or in the decision to publish the results
139 must be declared in this section. If there is no role, please state “The funders had no role in the

design of the study; in the collection, analyses, or interpretation of data; in the writing of the manuscript, or in the decision to publish the results”.

140

141

142

Appendix A

The appendix is an optional section that can contain details and data supplemental to the main text—for example, explanations of experimental details that would disrupt the flow of the main text but nonetheless remain crucial to understanding and reproducing the research shown; figures of replicates for experiments of which representative data is shown in the main text can be added here if brief, or as Supplementary data. Mathematical proofs of results not central to the paper can be added as an appendix.

Appendix B

All appendix sections must be cited in the main text. In the appendices, Figures, Tables, etc. should be labeled starting with “A”—e.g., Figure A1, Figure A2, etc.

References

References must be numbered in order of appearance in the text (including citations in tables and legends) and listed individually at the end of the manuscript. We recommend preparing the references with a bibliography software package, such as EndNote, ReferenceManager or Zotero to avoid typing mistakes and duplicated references. Include the digital object identifier (DOI) for all references where available.

Citations and references in the Supplementary Materials are permitted provided that they also appear in the reference list here.

In the text, reference numbers should be placed in square brackets [] and placed before the punctuation; for example [1], [1–3] or [1,3]. For embedded citations in the text with pagination, use both parentheses and brackets to indicate the reference number and page numbers; for example [5] (p. 10), or [6] (pp. 101–105).

1. Author 1, A.B.; Author 2, C.D. Title of the article. *Abbreviated Journal Name* **Year**, *Volume*, page range.
2. Author 1, A.; Author 2, B. Title of the chapter. In *Book Title*, 2nd ed.; Editor 1, A., Editor 2, B., Eds.; Publisher: Publisher Location, Country, 2007; Volume 3, pp. 154–196.
3. Author 1, A.; Author 2, B. *Book Title*, 3rd ed.; Publisher: Publisher Location, Country, 2008; pp. 154–196.
4. Author 1, A.B.; Author 2, C. Title of Unpublished Work. *Abbreviated Journal Name* year, *phrase indicating stage of publication (submitted; accepted; in press)*.
5. Author 1, A.B. (University, City, State, Country); Author 2, C. (Institute, City, State, Country). Personal communication, 2012.
6. Author 1, A.B.; Author 2, C.D.; Author 3, E.F. Title of Presentation. In Proceedings of the Name of the Conference, Location of Conference, Country, Date of Conference (Day Month Year).
7. Author 1, A.B. Title of Thesis. Level of Thesis, Degree-Granting University, Location of University, Date of Completion.
8. Title of Site. Available online: URL (accessed on Day Month Year).