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1. **AIMS AND SCOPE**

Please find the journal Aims and Scope [here](#).

2. **SUBMIT ONLINE**

To submit a manuscript, log in [here](#) and follow the online procedure. Alternatively, you may also submit via the website of Peerage of Science; in this case, indicate that you intend to be published in Annals of Forest Science after the peer review process by Peerage of Science. We will then be informed of any submission. It is highly recommended to use an [ORCID identifier](#) for each author.

For any question or query, contact us at [annforsci@inra.fr](mailto:annforsci@inra.fr)

3. **ARTICLE TYPES**

Annals of Forest Science publishes several types of paper: *Research papers, Review papers, Opinion papers, and Data papers.* Any article type can be part of a [topical collection](#) (electronic special issue).

<table>
<thead>
<tr>
<th>Article Type</th>
<th>Scope</th>
<th>Standards for publication</th>
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| Research paper (double-blind peer-reviewed) | • Novel findings around an experimental approach;  
• New tools, methods or techniques for research or forestry practice;  
• Development or novel applications of tools including the parameterisation of existing models.  
• Case studies of regional or local interest as well as purely confirmative studies are not considered. | • Explicit statement of addressed question(s) and/or working hypotheses;  
• Quality of science (no logical flaw in the demonstration, appropriate experimental design, and relevant statistics);  
• New tools must be tested against known standards. |
| Review paper (double-blind peer-reviewed) | • A comprehensive analysis of the literature, sometimes through a meta-analysis of published information dealing with up-to-date advances in forest research and important debates in the scope of the journal.  
Sponsored by the Editorial Board, based on voluntary submission (do not hesitate to contact us at annforsci@inra.fr). | • Novelty and relevance of the topic addressed;  
• Coverage of the existing information and literature  
• Quality of the writing and of the synthesis. |
| Data paper (single-blind peer-reviewed) | • A description of a dataset: clear and exhaustive description of the dataset, its content, its potential use, and all the metadata required to access the dataset. | • Data are hosted in a repository and the dataset is identified with a DOI (Digital Object Identifier)  
• Accessibility of the dataset  
• Quality and accuracy of the provided information  
• Reusability of the dataset |
| Opinion paper (not peer-reviewed, editorial decision) | • Novel view on a given topic without necessarily original research results;  
• Comment on important issues and scientific debate;  
• Response to a published paper. | • Novelty and relevance of the topic addressed;  
• Quality of the writing and of the synthesis. |
4. CONTENT OF THE FILES TO UPLOAD FOR SUBMISSION

4.1. Cover letter

The cover letter must include:

- the article type
- the main aims of the manuscript
- the arguments for publication in Annals of Forest Science (i.e. how it fits within the scope of the journal and the novelty of the content)
- the name of the topical collection (if any)

For Opinion paper, provide a few clues about the topic addressed and the debate underlying the letter.

If the manuscript is already posted online (for instance on a preprint server), please provide the DOI of the manuscript.

In case of a resubmission of a manuscript previously submitted to AFS, please provide the previous manuscript identifier AFSC-17-00XXX. Do not hesitate to tell us whether your manuscript was submitted to another journal prior to AFS.

4.2. Title page

The title page will not be available to the referees for the double blind review procedure. A template for the title page is available on Springer website for guidance.

The title page must include the following items:

1. Title of the article
2. Author list (first name, middle initial(s) and surname of each author (format: “Albert EINSTEIN”)), identify the corresponding author by an asterisk
3. Authors affiliations
4. Email address of the corresponding author
5. Short title (running head) of no more than 45 characters including spaces
6. Keywords
7. Contributions (a concise account of the contributions made by each author)
8. Acknowledgements (any information that may be of value to the readers such as technical or intellectual contributions, material gifts, etc....)
9. Funding (list of all the funding sources)
10. Statement on data availability (mandatory)*
11. Declaration on conflicts of interest (mandatory)**
12. Total number of characters (including spaces, references and captions); number of tables and figures
13. For data papers only, the precise address where the dataset may be accessed.

* Please see the APPENDIX 1 - RESEARCH DATA POLICY
** Please see the APPENDIX 2 - DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST
and the APPENDIX 3 - ETHICAL RESPONSIBILITIES OF AUTHORS

September 2017
4.3. **Manuscript** (excluding authors' names and affiliations)

The body of the manuscript contains all the information required for external reviews. AFS encourages authors to read the EASE Guidelines for Authors and Translators. See the formatting instructions below.

4.3.1. **Research paper**

No longer than 40,000 characters (including spaces, figures, and tables); concise, focused on new results and data. A template for research article, available on Springer website, may help you write your manuscript.

1. Title of the paper;
2. Key message (max. 60 words): informative and self-standing for stakeholders and a broader readership; it will be used on the website and for external communication purposes;
3. Abstract (max. 200 words): should provide a clear view of the content of the manuscript with a brief description of the main results and conclusions. The abstract should be understandable by any person with a background in forestry, in particular forest managers. Avoid footnotes, references, cross-references to figures and tables and abbreviations. It must be presented as successive small sections providing:
   a. Context: introduction into the broader context of the study
   b. Aim(s): clear statement of the research questions
   c. Methods: brief overview of the methods used
   d. Results: the most important results
   e. Conclusion
4. Keywords: provide 4 to 6 keywords that are not in the title and will be used for indexing purposes.
5. The following sections
   a. Introduction*
   b. Material and methods
   c. Results
   d. Discussion (do not combine discussion and results)
   e. Conclusion
   f. References
   g. Tables**
   h. Captions of figures
   i. Figures

*The introduction should open to a few explicit working hypotheses or at least a few explicit research questions; if none is available, the manuscript may be directly returned to the authors.

**Long tables and similar material may be included free of charge as electronic-only material, *i.e.* they will not be printed but made available to online readers only.

4.3.2. **Review paper and opinion paper**

“Material and methods”, “Results” and “Discussion” sections are not mandatory.

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4.3.3. Data paper

Information about a three-step procedure is available on Springer website under the Data papers tab.
The mandatory files are the cover letter, the title page, the manuscript and the metadata description.
Download and follow the templates available at https://metadata-afs.nancy.inra.fr/ressources/
For an example of a data paper, see Heym, M., Ruíz-Peinado, R., Del Río, M. et al. Annals of Forest Science (2017) 74: 63. https://doi.org/10.1007/s13595-017-0660-z (the read-only version is available here)

4.4. Additional files as appropriate

<table>
<thead>
<tr>
<th>Authors’ Response to Reviewers’ Comments (Authors’ information must Not be included)</th>
<th>Point by point response to reviewers in the cases of resubmission and revision.</th>
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<tr>
<td>Table</td>
<td>As many as appropriate. See the formatting instructions below.</td>
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<tr>
<td>Line figure</td>
<td>As many as appropriate. Name your figure files with &quot;Fig&quot; and the figure number, e.g., Fig1.eps. See the formatting instructions below.</td>
</tr>
<tr>
<td>Colour figure</td>
<td>As many as appropriate. See the formatting instructions below.</td>
</tr>
<tr>
<td>Attachment to manuscript</td>
<td>Online resource, supplementary files… See the formatting instructions below.</td>
</tr>
<tr>
<td>Authorship change form</td>
<td>Must be provided if changes in authorship occur after the first submission.</td>
</tr>
</tbody>
</table>
### 5. GENERAL FORMATTING

A template for research article, available on [Springer website](http://www.springer.com), may help you write your manuscript (use the template showing all markup to access most of the following instructions).

<table>
<thead>
<tr>
<th>Type of object</th>
<th>Formatting</th>
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</thead>
</table>
| **5.1. Text**  | - Use a Word compatible software or LaTex.  
- Define abbreviations at first occurrence and use consistently thereafter;  
- Use italics for scientific names or Latin expressions (*in vivo*, ...);  
- Add the author name at first citation (i.e., *Quercus robur* L.) (see [http://www.ipni.org/](http://www.ipni.org/));  
- Number pages and lines with a continuous numbering procedure from the start of the manuscript;  
- Use tab stops or other commands for indents, not the space bar;  
- Use the equation editor or MathType for equations. If you use Word 2007, do not create the equations with the default equation editor but use the Microsoft equation editor or MathType instead;  
- Do not use footnotes;  
- Do not use field functions. |
| **5.2. References** | Only cite peer-reviewed material or openly available material. Citations of preprints are not accepted, unless formally peer-validated.  
**Citation**  
- Cite references in the text by name and year in parentheses:  
  Negotiation research spans many disciplines (Thompson 1990).  
  This result was later contradicted by Petre and Kamoun (2014).  
  This effect has been widely studied (Abbott 1991; Barakat et al. 1995; Kelso and Smith 1998; Medvec et al. 1993).  
**Reference list**  
- Include all references cited in the text.  
- Mention personal communications and unpublished work in the text only.  
- Alphabetised the reference list entries by the last names of the first author of each work. Always use the standard abbreviation of a journal’s name according to the ISSN List of Title Word Abbreviations ([www.issn.org](http://www.issn.org)).  
- Indicate the DOI when available.  
- For authors using EndNote, we provide an output style that supports the formatting of in-text citations and reference list ([see Springer website](http://www.springer.com)). |

  - Article by DOI  
  - Book  
  - Book chapter  
5.3. Table
- Number all tables using Arabic numerals.
- Cite tables in the text in consecutive numerical order.
- Supply a table caption (title) explaining the components of the table, for each table.
- Identify any previously published material by giving the original source in the form of a reference at the end of the table caption.

5.4. Figure
- Supply all figures electronically.
- Name your figure files with "Fig" and the figure number, e.g., Fig1.eps.
- Do not include titles or captions within your illustrations.
- Indicate what graphics program was used to create the artwork.
- For vector graphics, the preferred format is EPS; for halftones, please use TIFF format. MS Office files are also acceptable.
- Vector graphics containing fonts must have the fonts embedded in the files.

**Figure numbering**
- Number all figures using Arabic numerals.
- Cite figures in the text in consecutive numerical order.
- Denote figure parts by lowercase letters (a, b, c, etc.).
- Continue the consecutive numbering of the main text for the figures in the appendices. Do not number the appendix figures, "A1, A2, A3, etc." Figures in online appendices (Electronic Supplementary Material) should, however, be numbered separately.

**Figure lettering**
- Use Helvetica or Arial (sans serif fonts), preferentially.
- Keep lettering consistently sized throughout your final-sized artwork (8–12 pt).
- Keep the variance of type size within an illustration to a minimum.
- Avoid shading, outlining letters, etc...

**Figure caption**
- Supply a concise caption for each figure. Include the captions in the text file of the manuscript, not in the figure file.
- Figure captions begin with the term **Fig.**, in bold type, followed by the figure number, also in bold type.
- Describe all elements of the figure in the figure caption (e.g. boxes, circles, etc.).
- Identify previously published material by giving the original source in the form of a reference citation at the end of the figure caption.
| **Figure size** | Figures should be 39 mm, 84 mm, 129 mm, or 174 mm wide and no more than 234 mm high. |
| **Permissions** | If you include figures that have already been published elsewhere, you must obtain permission from the copyright owner(s) for both the print and online format. Please be aware that some publishers do not grant electronic rights for free and that Springer will not be able to refund any costs that may have occurred to receive these permissions. In such cases, material from other sources should be used. |
| **5.5. Colour art** | • Colour art is free of charge for online and printed publication.  
• Do not refer to colour in the captions in case readers print in black and white.  
• Make sure that the main information remains visible if printed in black and white. Many colours are not distinguishable from one another when converted to black and white.  
• Colour illustrations should be submitted as RGB (8 bits per channel). |
| **5.6. Electronic supplementary material (ESM)** | • AFS accepts electronic multimedia files (animations, movies, audio, etc.) and other supplementary files to be published online.  
• ESM will be published as received from the author without any conversion, editing, or reformattting.  
**ESM format**  
• Supply all ESM in standard file formats.  
• Arrange ESM without author’s names and affiliation.  
• Convert spreadsheets to PDF if no interaction with the data is intended. If the readers should be encouraged to make their own calculations, spreadsheets should be submitted as .xls files (MS Excel).  
• Specialized format such as .pdb (chemical), .wrl (VRML), .nb (Mathematica notebook), and .tex can also be supplied.  
• Note that video files should not contain anything that flashes more than three times per second (so that users prone to seizures caused by such effects are not put at risk).  
• Note that large-sized files may require very long download times and that some users may experience problems during downloading.  
**ESM numbering**  
• Number all ESM using Arabic numerals.  
• Cite all ESM in the text in consecutive numerical order.  
• Name the files consecutively, e.g. “ESM_3.mpg”, “ESM_4.pdf”.  
**ESM captions**  
• Supply a caption describing the content of the file for each ESM to give people of all abilities and disabilities access to the content of all ESM. |

For any question or query, send an email to: annforsci@inra.fr
6. DECISION MAKING

The Editorial Board maintains the option of returning manuscripts that do not fit within the scope of the journal, display major flaws, do not comply with the instructions to authors, or do not display sufficient novelty, to the authors, before any further evaluation. This decision may be made by the Chief-editor or the Associate Editor handling the manuscript.

Annals of Forest Science uses a double-blind review process (reviewers do not access authors identity and vice-versa) for Research and Review papers.

After reviewing, a decision is provided to the authors: (i) Accept with minor modifications; (ii) Major revision; the revised version will be analysed by the editorial board and possibly re-examined by the external referees before a final decision is made; please be aware that publication is not granted at this stage; (iii) Decline with potential resubmission; the revised version is submitted as a new manuscript and will undergo a complete assessment; and (iv) Decline.

We will provide in any case detailed arguments explaining the decision, and are ready to answer all concerns expressed by the authors after a decision.

7. AFTER ACCEPTANCE

Upon acceptance of your article you will receive a link to the special Author Query Application at Springer’s web page where you can sign the Copyright Transfer Statement online and indicate whether you wish to order OpenChoice, offprints, or printing of figures in colour. Once the Author Query Application has been completed, your article will be processed and you will receive the proofs.

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In addition to the normal publication process (whereby an article is submitted to the journal and access to that article is granted to customers who have purchased a subscription), Springer provides an alternative publishing option: Springer Open Choice. A Springer Open Choice article receives all the benefits of a regular subscription-based article, but in addition is made available publicly through Springer’s online platform SpringerLink.

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7.3. Proof reading

The purpose of the proof is to check for typesetting or conversion errors and the completeness and accuracy of the text, tables and figures. Substantial changes in content, e.g., new results, corrected values, title and authorship, are not allowed without the approval of the Editor. After online publication, further changes can only be made in the form of an Erratum, which will be hyperlinked to the article.

September 2017
7.4. Continuous Article Publishing

The article is published online after receipt of the corrected proofs. This is the first official publication citable with the DOI. Manuscripts are immediately assigned to the current issue. As a consequence, the final page and issue numbers are defined immediately. After release of the printed version, the article can also be cited by volume and article number.

7.5. Sharing your article

Upon acceptance, you will be asked to provide ten email addresses of colleagues who will receive a complimentary copy of the PDF of your paper.

We disseminate information about published papers via social networks (blog, twitter, Facebook). We would be pleased to illustrate our blog posts ([http://ist.blogs.inra.fr/afs](http://ist.blogs.inra.fr/afs)) with any photograph of your experiment. Please send us your pictures with copyright information (to annforsci@inra.fr).

Authors can post shareable link online on social media or any platform to give everyone access to a read-only version of the full-text article (SharedIt initiative).

7.6. Green Open Access

Self-archiving

Authors can deposit the accepted version of their manuscript on their personal webpage on condition that it is not the publisher (Springer) version and that they provide the publisher’s web link and the DOI.

Institutional archiving

All articles published in Annals of Forest Science are automatically deposited in an open repository (HAL, [https://hal.archives-ouvertes.fr/ARINRA-AFS](https://hal.archives-ouvertes.fr/ARINRA-AFS)) 12 months after online publication. The articles are available for free in the publisher version.

Authors can deposit their manuscript on their Institute/University repository 12 months after online publication on condition that it is not the publisher (Springer) version and that they provide the publisher’s web link and the DOI.
APPENDIX 1 - RESEARCH DATA POLICY

Following a Springer Nature initiative, AFS adopted a standardised research data policy (the Research Data Policy Type 3 (for life sciences)).

Specifically, a submission to AFS implies that materials described in the manuscript, including all relevant raw data, will be freely available to any researcher wishing to use them for non-commercial purposes, without breaching participant confidentiality. AFS strongly encourages that all datasets on which the conclusions of the paper rely should be available to readers. We encourage authors to ensure that their datasets are deposited in publicly available repositories (where available and appropriate) whenever possible. The selection of the repository is the authors’ responsibility.

Please see Springer Nature’s website for detailed information about

- data policy types (http://www.springernature.com/gp/authors/research-data-policy/data-policy-types)
- list of repositories (http://www.springernature.com/gp/authors/research-data-policy/repositories)
- examples of statements (http://www.springernature.com/gp/authors/research-data-policy/data-availability-statements)

APPENDIX 2 - DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

Authors must disclose all relationships or interests that could have direct or potential influence or impart bias on the work. Examples of potential conflicts of interests that are directly or indirectly related to the research may include but are not limited to the following:

- Research grants from funding agencies (please give the research funder and the grant number)
- Honoraria for speaking at symposia
- Financial support for attending symposia
- Financial support for educational programs
- Employment or consultation
- Support from a project sponsor
- Position on advisory board or board of directors or other type of management relationships
- Multiple affiliations
- Financial relationships, for example equity ownership or investment interest
- Intellectual property rights (e.g. patents, copyrights and royalties from such rights)
- Holdings of spouse and/or children that may have financial interest in the work

In addition, interests that go beyond financial interests and compensation (non-financial interests) that may be important to readers should be disclosed.

APPENDIX 3 - ETHICAL RESPONSIBILITIES OF AUTHORS

As a member of the Committee on Publication Ethics (COPE), AFS follows the COPE guidelines on how to deal with potential acts of misconduct (COPE, http://publicationethics.org). Maintaining integrity of the research and its presentation can be achieved by following the rules of good scientific practice, which include:

September 2017
• All people listed as authors meet the authorship criteria: they contributed to the work AND wrote or revised the manuscript AND approved the final submitted version AND agree to share collective responsibility and accountability for the work.

• All people meeting the authorship criteria are listed as authors.

• Adding and/or deleting authors at revision stage may be justifiably warranted. A letter must accompany the revised manuscript to explain the role of the added and/or deleted author(s). Further documentation may be required to support your request. Note that changes of authorship or in the order of authors are not accepted after acceptance of a manuscript. Requests for addition or removal of authors as a result of authorship disputes after acceptance are honored after formal notification by the institute or independent body and/or when there is agreement between all authors.

• Consent to submit has been received explicitly from all co-authors, as well as from the responsible authorities - tacitly or explicitly - at the institute/organization where the work has been carried out, before the work is submitted.

• No data, text, or theories by others are presented as if they were the author’s own (“plagiarism”). Proper acknowledgements to other works must be given (this includes material that is closely copied (near verbatim), summarized and/or paraphrased), quotation marks are used for verbatim copying of material, and permissions are secured for material that is copyrighted. Note that the journal uses software to screen for plagiarism.

• No data have been fabricated or manipulated (including images) to support your conclusions.

• Upon request authors should be prepared to send relevant documentation or data in order to verify the validity of the results. This could be in the form of raw data, samples, records, etc. Sensitive information in the form of confidential proprietary data is excluded.

• The manuscript has not been submitted to more than one journal for simultaneous consideration. Manuscripts deposited on a preprint repository are accepted.

• The manuscript has not been published previously (partly or in full), unless the new work concerns an expansion of previous work (please provide transparency on the re-use of material to avoid the hint of text-recycling (“self-plagiarism”)).

• A single study is not split up into several parts to increase the quantity of submissions and submitted to various journals or to one journal over time (e.g. “salami-publishing”).

If there is a suspicion of misconduct, the journal will carry out an investigation following the COPE guidelines. If, after investigation, the allegation seems to raise valid concerns, the accused author will be contacted and given an opportunity to address the issue. If misconduct has been established beyond reasonable doubt, this may result in the Editor-in-Chief’s implementation of the following measures, including, but not limited to:

• If the article is still under consideration, it may be rejected and returned to the author.

• If the article has already been published online, depending on the nature and severity of the infraction, either an erratum will be placed with the article or in severe cases complete retraction of the article will occur. The reason must be given in the published erratum or retraction note. Please note that retraction means that the paper is maintained on the platform, watermarked “retracted” and explanation for the retraction is provided in a note linked to the watermarked article.

• The author’s institution may be informed.