

Instructions for authors

<http://www.energysustainsoc.com/authors/instructions/originalarticle>

<http://www.springeropen.com/authors/figures>

The economic, social and cultural development of human society is highly dependent upon a consistent supply of energy. Sustainable development is therefore only possible, if our society attempts to find and implement environmentally compatible, socially acceptable and economically viable means to acquire its energy services. This challenge requires systemic and holistic innovations that include a sustainable supply of resources, the development of highly efficient technical solutions and the adaptation of energy systems to the environmental, economical and cultural context as well as the social and political framework to enable sustainable energy systems to be implemented for the welfare of mankind.

The aim of the new journal is to provide an international and interdisciplinary forum for the discourse between natural scientists, engineers, social & political scientists as well as experts from industry who drive the innovation of sustainable energy systems. It is the particular aim of this journal to publish articles extending across different disciplines and providing a substantial contribution to the holistic innovation of these energy systems.

In line with the goal of this journal to offer an interdisciplinary forum of discourse for systemic energy innovation, ***the scope of the journal*** encompasses the whole innovation process ranging from scientific research to innovative approaches for technology implementation and the analysis of economic, social and environmental impacts of sustainable energy systems. Main emphasis will be placed on articles addressing complex issues with innovation potential at the interface between technical solutions, their implementation and their social, environmental and economic impacts.

Each article type published by *Energy, Sustainability and Society* follows a specific format, as detailed in the corresponding instructions for authors; please choose an article type from the list on the left to view the instructions for authors.

Formats

The following file formats can be accepted:

- Microsoft word (DOC, DOCX)
- Rich text format (RTF)
- Portable document format (PDF)

Title page

The title page should:

- provide the title of the article

- list the full names, institutional addresses and email addresses for all authors
- indicate the corresponding author

Abstract

The abstract of the manuscript should not exceed 350 words. Please minimize the use of abbreviations and do not cite references in the abstract.

Keywords

Three to ten keywords representing the main content of the article.

Background

The Background section should be written in a way that is accessible to researchers without specialist knowledge in that area and must clearly state - and, if helpful, illustrate - the background to the research and its aims. In particular, it should concisely define the scope of the submitted work in relation to recent international work, and the scientific progress should be pointed out. The section should end with a brief statement of what is being reported in the article.

Methods

The methods section should include the design of the study, the type of materials involved, a clear description of all comparisons, and the type of analysis used, to enable replication.

For further details of the journal's data-release policy, see the policy section in '[About this journal](#)'.

Results and discussion

The Results and discussion may be combined into a single section or presented separately. The Results and discussion sections may also be broken into subsections with short, informative headings.

Conclusions

This should state clearly the main conclusions of the research and give a clear explanation of their importance and relevance. Summary illustrations may be included.

List of abbreviations

If abbreviations are used in the text they should be defined in the text at first use, and a list of abbreviations can be provided, which should precede the competing interests and authors' contributions.

References

All references, including URLs, must be numbered consecutively, in square brackets, in the order in which they are cited in the text, followed by any in tables or legends. Each reference must have an individual reference number. Please avoid excessive referencing. If automatic numbering systems are used, the reference numbers must be finalized and the bibliography must be fully formatted before submission.

Only articles and abstracts that have been published or are in press, or are available through public e-print/preprint servers, may be cited; unpublished abstracts, unpublished data and personal communications should not be included in the reference list, but may be included in the text and referred to as "unpublished observations" or "personal communications" giving the names of the involved researchers. Obtaining permission to quote personal communications and unpublished data from the cited colleagues is the responsibility of the author. Footnotes are not allowed, but endnotes are permitted. Citations in the reference list should include all named authors, up to the first 30 before adding 'et al.'.

Any *in press* articles cited within the references and necessary for the reviewers' assessment of the manuscript should be made available if requested by the editorial office.

Examples of the *Energy, Sustainability and Society* reference style are shown below.

Please ensure that the reference style is followed precisely; if the references are not in the correct style they may have to be retyped and carefully proofread.

All web links and URLs, including links to the authors' own websites, should be given a reference number and included in the reference list rather than within the text of the manuscript. They should be provided in full, including both the title of the site and the URL, in the following format: The Mouse Tumor Biology Database. <http://tumor.informatics.jax.org/mtbwi/index.do>. If an author or group of authors can clearly be associated with a web link, such as for weblogs, then they should be included in the reference.

Examples of the *Energy, Sustainability and Society* reference style

Article within a journal

Smith J, Jones M Jr, Houghton L (1999) Future of health insurance. N Engl J Med 965:325-329

Article by DOI (with page numbers)

Slifka MK, Whitton JL (2000) Clinical implications of dysregulated cytokine production. J Mol Med 78:74-80. doi:10.1007/s001090000086.

Article by DOI (before issue publication and with page numbers)

Slifka MK, Whitton JL (2000) Clinical implications of dysregulated cytokine production. J Mol Med. doi:10.1007/s001090000086

Article in electronic journal by DOI (no paginated version)

Slifka MK, Whitton JL (2000) Clinical implications of dysregulated cytokine production. Dig J Mol Med. doi:10.1007/s801090000086

Journal issue with issue editor

Smith J (ed) (1998) Rodent genes. Mod Genomics J 14(6):126-233

Journal issue with no issue editor

Mod Genomics J (1998) Rodent genes. Mod Genomics J 14(6):126-233

Book chapter, or an article within a book

Brown B, Aaron M (2001) The politics of nature. In: Smith J (ed) The rise of modern genomics, 3rd edn. Wiley, New York

Complete book, authored

South J, Blass B (2001) The future of modern genomics. Blackwell, London

Complete book, edited

Smith J, Brown B (eds) (2001) The demise of modern genomics. Blackwell, London

Complete book, also showing a translated edition [Either edition may be listed first.]

Adorno TW (1966) Negative Dialektik. Suhrkamp, Frankfurt. English edition: Adorno TW (1973) Negative Dialectics (trans: Ashton EB). Routledge, London

Chapter in a book in a series without volume titles

Schmidt H (1989) Testing results. In: Hutzinger O (ed) Handbook of environmental chemistry, vol 2E. Springer, Heidelberg, p 111

Chapter in a book in a series with volume titles

Smith SE (1976) Neuromuscular blocking drugs in man. In: Zaimis E (ed) Neuromuscular junction. Handbook of experimental pharmacology, vol 42. Springer, Heidelberg, pp 593-660

OnlineFirst chapter in a series (without a volume designation but with a DOI)

Saito, Yukio, and Hyuga, Hiroyuki. (2007) Rate equation approaches to amplification of enantiomeric excess and chiral symmetry breaking. Topics in Current Chemistry. doi:10.1007/128_2006_108.

Proceedings as a book (in a series and subseries)

Zowghi D (1996) A framework for reasoning about requirements in evolution. In: Foo N, Goebel R (eds) PRICAI'96: topics in artificial intelligence. 4th Pacific Rim conference on artificial intelligence, Cairns, August 1996. Lecture notes in computer science (Lecture notes in artificial intelligence), vol 1114. Springer, Heidelberg, p 157

Article within conference proceedings with an editor (without a publisher)

Aaron M (1999) The future of genomics. In: Williams H (ed) Proceedings of the genomic researchers, Boston, 1999

Article within conference proceedings without an editor (without a publisher)

Chung S-T, Morris RL (1978) Isolation and characterization of plasmid deoxyribonucleic acid from *Streptomyces fradiae*. In: Abstracts of the 3rd international symposium on the genetics of industrial microorganisms, University of Wisconsin, Madison, 4-9 June 1978

Article presented at a conference

Chung S-T, Morris RL (1978) Isolation and characterization of plasmid deoxyribonucleic acid from *Streptomyces fradiae*. Paper presented at the 3rd international symposium on the genetics of industrial microorganisms, University of Wisconsin, Madison, 4-9 June 1978

Patent

Norman LO (1998) Lightning rods. US Patent 4,379,752, 9 Sept 1998

Dissertation

Trent JW (1975) Experimental acute renal failure. Dissertation, University of California

Book with institutional author

International Anatomical Nomenclature Committee (1966) *Nomina anatomica*. Excerpta Medica, Amsterdam

In press article

Major M (2007) Recent developments. In: Jones W (ed) *Surgery today*. Springer, Dordrecht (in press)

Online document

Doe J (1999) Title of subordinate document. In: *The dictionary of substances and their effects*. Royal Society of Chemistry. Available via DIALOG.

<http://www.rsc.org/dose/title> of subordinate document. Accessed 15 Jan 1999

Online database

Healthwise Knowledgebase (1998) US Pharmacopeia, Rockville.

<http://www.healthwise.org>. Accessed 21 Sept 1998

Supplementary material/private homepage

Doe J (2000) Title of supplementary material. <http://www.privatehomepage.com>. Accessed 22 Feb 2000

University site

Doe J (1999) Title of preprint. <http://www.uni-heidelberg.de/mydata.html>. Accessed 25 Dec 1999

FTP site

Doe J (1999) Trivial HTTP, RFC2169. <ftp://ftp.isi.edu/in-notes/rfc2169.txt>. Accessed 12 Nov 1999

Organization site

ISSN International Centre (2006) The ISSN register. <http://www.issn.org>. Accessed 20 Feb 2007

Preparing illustrations and figures

SpringerOpen encourages authors to use figures where this will increase the clarity of an article. The use of colour figures in articles is free of charge.

Most SpringerOpen journals publish articles in author version PDF within days of acceptance. This version is then replaced with a typeset final PDF version and full text web version.

In the author PDF, figures are included sequentially at the end of the article, one to a page. Figures in the full-text web version of an article are linked directly from the text each time they are mentioned and open in a new window. In the typeset PDF figures are placed appropriately within the text, as close as possible to their first mention in the text.

Most SpringerOpen journals do not redraw author-provided figures. It is the author's responsibility to ensure that figures are provided at a sufficiently high resolution to ensure high quality reproduction in the final article.

Production of the final full-text web and PDF versions will proceed more quickly if authors submit figures in accordance with SpringerOpen's guidelines as specified in this document.

Preparing figure files for submission

- Illustrations should be provided as separate files, not embedded in the main manuscript file.
- Each figure of a manuscript should be submitted as a single file.
- Tables should NOT be submitted as figures but should be included in the main manuscript file.
- Multi-panel figures (those with parts a, b, c, d etc.) should be submitted as a single composite file that contains all parts of the figure.
- Figures should be numbered in the order they are first mentioned in the text, and uploaded in this order.
- Figures should be uploaded in the correct orientation.
- Figure titles and legends should be provided in the main manuscript, not in the graphic file.
- Figure keys should be incorporated into the graphic, not into the legend of the figure.
- Each figure should be closely cropped to minimize the amount of white space surrounding the illustration. Cropping figures improves accuracy when placing the figure in combination with other elements, when the accepted manuscript

is prepared for publication on our site. For more information on individual figure file formats, see our [detailed instructions](#).

- Individual figure files should not exceed 10 MB. If a suitable format is chosen, this file size is adequate for extremely high quality figures.
- **Please note that it is the responsibility of the author(s) to obtain permission from the copyright holder** to reproduce figures (or tables) that have previously been published elsewhere. In order for all figures to be open access, authors must have permission from the rights holder if they wish to include images that have been published elsewhere in nonopen access journals. Permission should be indicated in the figure legend, and the original source included in the reference list.

Formats

The following file formats can be accepted:

- PDF (preferred format for diagrams)
- DOCX/DOC (single page only)
- PPTX/PPT (single slide only)
- EPS
- PNG (preferred format for photos or images)
- TIFF
- JPEG
- BMP

Figure size and resolution

Figures are resized during publication of the final full text and PDF versions to conform to the SpringerOpen standard dimensions, which are detailed below.

Figures on the web:

- width of 600 pixels (standard), 1200 pixels (high resolution).

Figures in the final PDF version:

- width of 85 mm for half page width figure;
- width of 170 mm for full page width figure;
- maximum height of 225 mm for figure and legend;
- image resolution of approximately 300 dpi (dots per inch) at the final size.

Illustrations should be designed such that all information, including text, is legible at these dimensions. All lines should be wider than 0.5 pt when constrained to standard figure widths. Note that all fonts must be embedded.

Figure file compression

- Vector figures should if possible be submitted as PDF files, which are usually more compact than EPS files.
- TIFF files should be saved with LZW compression, which is lossless (decreases file size without decreasing quality) in order to minimize upload time.
- JPEG files should be saved at maximum quality.
- Conversion of images between file types (especially lossy formats such as JPEG) should be kept to a minimum to avoid degradation of quality.

Figure legends

The legends should be included in the main manuscript text file at the end of the document, rather than being a part of the figure file. For each figure, the following information should be provided: Figure number (in sequence, using Arabic numerals - i.e. Figure 1, 2, 3 etc); short title of figure (maximum 15 words); detailed legend, up to 300 words.

Please note that it is the responsibility of the author(s) to obtain permission from the copyright holder to reproduce figures or tables that have previously been published elsewhere.

Preparing tables

Each table should be numbered and cited in sequence using Arabic numerals (i.e. Table 1, 2, 3 etc.). Tables should also have a title (above the table) that summarizes the whole table; it should be no longer than 15 words. Detailed legends may then follow, but they should be concise. Tables should always be cited in text in consecutive numerical order.

Smaller tables considered to be integral to the manuscript can be pasted into the end of the document text file, in A4 portrait or landscape format. These will be typeset and displayed in the final published form of the article. Such tables should be formatted using the 'Table object' in a word processing program to ensure that columns of data are kept aligned when the file is sent electronically for review; this will not always be the case if columns are generated by simply using tabs to separate text. Columns and rows of data should be made visibly distinct by ensuring that the borders of each cell display as black lines. Commas should not be used to indicate numerical values. Color and shading may not be used; parts of the table can be highlighted using symbols or bold text, the meaning of which should be explained in a table legend. Tables should not be embedded as figures or spreadsheet files.

Larger datasets or tables too wide for a portrait page can be uploaded separately as additional files. Additional files will not be displayed in the final, laid-out PDF of the article, but a link will be provided to the files as supplied by the author.

Tabular data provided as additional files can be uploaded as an Excel spreadsheet (.xls) or comma separated values (.csv). As with all files, please use the standard file extensions.

Style and language

General

Currently, *Energy, Sustainability and Society* can only accept manuscripts written in English. Spelling should be US English or British English, but not a mixture.

There is no explicit limit on the length of articles submitted, but authors are encouraged to be concise.

Abbreviations

Abbreviations should be used as sparingly as possible. They should be defined when first used and a list of abbreviations can be provided following the main manuscript text.

Typography

- Please use double line spacing.
- Type the text unjustified, without hyphenating words at line breaks.
- Use hard returns only to end headings and paragraphs, not to rearrange lines.
- Capitalize only the first word, and proper nouns, in the title.
- All pages should be numbered.
- Use the *Energy, Sustainability and Society* [reference format](#).
- Footnotes are not allowed, but endnotes are permitted.
- Please do not format the text in multiple columns.
- Greek and other special characters may be included. If you are unable to reproduce a particular special character, please type out the name of the symbol in full. **Please ensure that all special characters used are embedded in the text, otherwise they will be lost during conversion to PDF.**

Units

SI units should be used throughout (liter and molar are permitted, however).