

Instructions for Authors

Scope

Energy Harvesting and Systems (EHS) publishes original research in the growing areas of energy harvesting materials, energy storage materials, conversion, and system design. Papers published in EHS cover any or all of the stages of energy harvesting systems. EHS's audience consists of researchers in materials energy, storage conversions and batteries, embedded systems design, energy harvesting circuits, and small energy systems.

Submitted papers should include in-depth research discussions clearly identifying the current progress and challenges in the respective field. Communications should contain significant results that are of immediate importance to the community.

Submissions in the following fields are welcome:

- Energy harvesting materials and systems (e.g., piezoelectric, inductive, photovoltaic, electret, electrostatic, triboelectric, microwave and thermoelectric)
- Flexible harvesters and nanogenerators
- Li-ion batteries, micro batteries and hybrid supercapacitors
- Bio-inspired energy generation and conversion
- Energy harvesting circuits and interface electronics
- Wireless sensor networks powered by energy harvesting
- Electrochemical storage systems
- Wind and flow energy systems
- Materials synthesis
- Thin-film deposition
- Energy conversion devices
- Micro/nano electronics
- Electrochemical storage systems
- Sensor development
- System design
- Integrated hybrid architectures
- Computational and theoretical modeling and nanoscale fabrication techniques
- Electronics, sensors, aircraft, medical, wireless communication, storage, textile, and materials

Editorial Policy

Unpublished material

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Conflict of interest

When authors submit a manuscript, they are responsible for recognizing and disclosing financial and/or other conflicts of interest that might bias their work and/or could inappropriately influence his/her judgment. If no specified acknowledgement is given, the Editors assume that no conflict of interest exists.

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Authorship should be limited to those who have made a significant contribution to the conception, design, execution, or interpretation of the reported study. All those who have made significant contributions should be listed as coauthors. Where there are others who have participated in certain substantive aspects of the research project, they should be named in an Acknowledgement section.

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Energy Harvesting and Systems encourages the submission of both substantial full-length bodies of work and shorter manuscripts that report novel findings. There are no specific length restrictions for the overall manuscript or individual sections; however, we urge the authors to present and discuss their findings in a concise and accessible manner. All submitted manuscripts must be written in English language. It is the Authors' responsibility to check the correctness of the language and style of their manuscript.

Manuscripts submitted under multiple authorship are reviewed on the assumption that all listed authors concur in the submission and are responsible for its content; they must have agreed to its publication and have given the corresponding author the authority to act on their behalf in all matters pertaining to publication. The corresponding author is responsible for informing the coauthors of the manuscript status throughout the submission, review, and production process.

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Publication Formats

Energy Harvesting and Systems considers submissions of original articles:

- **Research Article** – The default format for reporting research results. There is no length restriction.
- **Survey Paper/Review** – Used to submit literature reviews on a topic of interest. The article should contain a broad, balanced and fair perspective of the topic, identifying trends and/or gaps in the literature or providing a new synthesis of existing literature. Reviews should be scientifically sound and should describe the most relevant and recent contributions.
- **Communication/Note** – This format is intended for the presentation of brief observations that do not warrant full-length papers. An empirical report resulting from analysis of collected data to address one or more research questions and/or hypotheses.

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We accept submission of text, tables and figures as separate files or as a composite file. For your initial submission, we recommend you upload your entire manuscript, including tables and figures, as a single PDF file. If you are invited to submit a revised manuscript, please provide us with individual files: an editable text and publication-quality figures.

Text files can be submitted in the following formats:

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Tables should be embedded in LATEX (strongly preferred) or submitted as PDF (not applicable for accepted manuscripts, only for reviewing process). Please note that a straight Excel file is not an acceptable format.

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Post-acceptance, text files of the revised manuscript and tables are required for use in the production. Authors should clearly indicate the location(s) of tables and figures in the text if these elements are given separately or at the end of the manuscript. If this information is not provided to the editorial office, we will assume that they should be left at the end of the text.

First-Time Submission of Manuscripts

It is important that authors include a cover letter with their manuscript. Please explain why you consider your manuscript to be suitable for publication in *Energy Harvesting and Systems*, why your paper will inspire the other members of your field, and how will it drive academic discussion forward.

The cover letter should explicitly state that the manuscript (or one with substantially the same content, by any of the authors) has not been previously published in any language anywhere and that it is not under simultaneous consideration or in press by another journal. If related work has been submitted, then we may require a preprint to be made available. Reviewers will be asked to comment on the overlap between the related submissions.

Manuscripts that have been previously rejected, or withdrawn after being returned for modification, may be resubmitted if the major criticisms have been addressed. The cover letter must state that the manuscript is a resubmission, and the former manuscript number should be provided.

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Resubmitted manuscripts should be accompanied by a letter outlining a point-by-point response to Editor's and reviewers' comments and detailing the changes made to the manuscript. A copy of the original manuscript should be included for comparison if the Editor requests one. If it is the first revision, authors need to return the revised manuscript within 28 days; if it is the second revision, authors need to return the revised manuscript within 14 days. Additional time for resubmission must be requested in advance. If the above-mentioned deadlines are not met, the manuscript will be treated as a new submission.

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We draw particular attention to the importance of carefully preparing the title, keywords and abstract, as these elements are indicators of the manuscript content in bibliographic databases and search engines.

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We suggest the title should be informative, specific to the project, yet concise (75 characters or fewer). If a long title is necessary, please prepare an optional short title. Please bear in mind that a title that is comprehensible to a broad academic audience and readers outside your field will attract a wider readership. Avoid specialist abbreviations and non-standard acronyms. Titles should not be presented in title case (words should not be capitalized).

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In the cover letter, provide the first names (or initials – if used), middle names (or initials – if used), and surnames for all authors. Affiliations should include:

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One of the authors should be designated as the corresponding author to whom inquiries regarding the paper should be directed. It is the corresponding author's responsibility to ensure that the author list and the summary of the author contributions to the study are accurate and complete.

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The abstract should not exceed 200 words. The abstract should give a summary of the content of the paper. Mention the main findings without going into methodological detail and summarize briefly the most important items of the paper. The abstract should not contain literature citations, allusions to the tables, figures or illustrations. All nonstandard symbols and abbreviations should be defined. In combination with the title and keywords, an abstract is an indicator of the content of the paper. Because the abstract will be published separately by abstracting services, it must be complete and understandable without reference to the text.

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Please include AMS Mathematics Subject Classification number(s) to which the paper can be attributed. More than a single classification number may be accepted.

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List keywords for the work presented (maximum of 6), separated by commas. We suggest that keywords do not replicate those used in the title.

Structure of a paper

Research papers and surveys should follow a strict structure. Generally, a standard scientific paper is divided into:

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Published Papers

Fathi, Mohamed, Mahfoud Abderrezek, and Djahli Farid. 2019. "Heating behavior of photovoltaic panels and front side water cooling efficiency." *Applied Solar Energy* 55: 327–39.

Firoozzadeh, Mohammad, Amir Hossein Shiravi, and Mojtaba Shafee. 2020. "Thermodynamics Assessment on Cooling Photovoltaic Modules by Phase Change Materials (PCMs) in Critical Operating Temperature." *Journal of Thermal Analysis and Calorimetry* 144: 1239–51, <https://doi.org/10.1007/s10973-020-09565-3>.

Accepted Papers

Liu, Zekun, Shuang Yuan, Yi Yuan, Guojian Li, and Qiang Wang. 2020. "A Thermoelectric Generator and Water-Cooling Assisted High Conversion Efficiency Polycrystalline Silicon Photovoltaic System." *Frontiers in Energy* (15) to appear.

Preprints

Gugulothu, R., N. S. Somanchi, V. Kumar Reddy, and K. Akkiraju., A preprint in lower case letters and upright, preprint (2008), <http://arxiv.org/abs/0805.4100>.

Books

Chen W. K., *Linear Networks and Systems*. Belmont, CA: WadsworthPress, 2003.

Hayes R., Pisano G., and Wheelwright S., *Operations, Strategy, and Technical Knowledge*. Hoboken, NJ: Wiley, 2007.

Conference proceedings

Ciet M., Lange T., Sica F. and Quisquater J., A proceedings contribution in lower case letters and upright, in: *Advances in Upper Case Letters and Italics* (Müncheberg 2001), Lecture Notes in Math. 2656, Springer, Berlin (2003), 388–400.

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