

RULES OF PUBLICATION OF Nihon Enerugii Gakkai Kikanshi / Enermix AND CONTRIBUTION THERETO

Established on January 1, 2017

(General)

Article 1 These rules provides for matters pertaining to the publication of Nihon Enerugii Gakkai Kikanshi / Enermix (hereinafter referred to as “Enermix”) and contribution of articles thereto, in order to facilitate the “publication of the Journal”, one of the undertakings stated in the Articles of Association.

(Objectives and title)

Article 2 The Japan Institute of Energy shall publish “Nihon Enerugii Gakkai Kikanshi / Enermix (Enermix)” whose title in Japanese is 「日本エネルギー学会機関誌 えねるみくす」 for the objectives of publishing widely in academic circles in Japan and abroad and to individual persons and bodies interested in energy the scientific and technological discoveries, theories and knowledge on energy as well as the precious experiences, outcomes of investigations/ researches.

(Editorial committee)

Article 3 “Enermix” shall be edited by the Editorial Committee based on the “Editorial policy” described in Article 5.

2. The Editorial Committee shall be comprised of the members of the Japan Institute of Energy (hereinafter referred to as JIE) and persons knowledgeable in energy in number at maximum 30.

3. The Chair shall be one person who is commissioned by the President after deliberation in the Board of Directors.

The term of office of Chair shall be, in principle, two years, not precluding his/ her re-commissioning and reelection.

4. The Vice-Chair and members shall be commissioned by the Chair, not precluding their re-commissioning and reelection.

5. The Editorial Committee shall convene periodically for discussing the editorial policies, Editorial

Committee projects and others.

6. The Editorial Committee shall report its activities as needed to the Board of Directors for approval.

(Publication and distribution)

Article 4 “Enermix” shall be published in a book form and by the electronic journal publishing of Japan Science and Technology Information Aggregator, Electronic (JSTAGE).

2. The members of JIE shall receive the Journal in a book form free of charge and non-members are requested to pay for the book.

3. The table of contents of “Enermix” shall be published on the Website every other month.

(Editorial policy)

Article 5 The book of “Enermix” shall be published, in principle, every other month in a book form and by the electronic journal by J-STAGE.

2. The format shall be A4 and be either in Japanese or English.

3. The contents of the Journal shall consist of articles useful for the development of science and technology related to energy and shall be effective for the exchange of knowledge among individual persons and bodies interested in energy and for mutual enlightenment.

4. The types of articles shall be classified into the following:

(1) Essay

Stating concisely the opinions, thoughts, enlightenment and others useful to the members in general.

(2) Opinion

Stating a proposal, comments, and others etc. useful and befitting to the Journal.

(3) Review

Arguing on an impartial ground specific issues related to JIE in terms of their recent progress, forecast, etc. based

on a broad spectrum of information; or arguing on the outcomes of researches or investigations made by the contributor including his/ her own opinions.

(4) Lecture Note

Note summarizing objectively and expressing in a way easy to be understood the fundamental engineering principles, methods or technologies whose academic framework has been established.

(5) Others

Introduction of research groups, information on new technologies, book reviews, entropy, sub-committee (committee) reports and other matters recognized as useful.

(Manuscript of article requested for publication)

Article 7 In order to provide useful information on energy, the Editorial Committee is authorized to make requests for writing articles and such articles shall be treated as requested manuscripts. A contributed manuscript, at the discretion of the Editorial Committee, may be treated as a requested manual. The writer of requested manuscript shall submit his/ her article in accordance with the “Guide for writing and contributing articles to Nihon Enerugii Gakkai Kikanshi / Enermix”. Based on the opinion of editorial members, the author shall correct the manuscript as necessary.

2. The contributors of article shall not be limited to the members of the JIE.

3. For requested manuals, fees shall be paid to the author as defined separately in the “Guide for payment of fees for a manuscript requested for publication in the Journal”.

(Copyright)

Article 7 The copyright of articles published in the Journal shall belong to the Japan Institute of Energy.

(Selling “Enermix”)

Article 8 “Enermix” is sold also by individual issues. The fees shall be defined in the “ Guide for the selling price of the Journal” .

(Separate printing)

Article 9 Separate printing shall be charged according to the fees defined separately in the “Guide for separate printing orders for manuscripts contributed to the Journal”.

(Revisions)

Article 10 The revision of these rules shall be approval by the Board of Directors.

SUPPLEMENT

These rules shall become effective as of January 1, 2017.

Guide for Authors, Nihon Enerugii Gakkai Kikanshi / Enermix

Established on January 1, 2017

(General)

Article 1 This guide decides how to prepare and submit manuscripts to Nihon Enerugii Gakkai Kikanshi / Enermix, which is based on the Article 7, Regulation on Publication and Submission, Nihon Enerugii Gakkai Kikanshi / Enermix.

(Preparation)

Article 2 Manuscript should be prepared in English or Japanese. The manuscript for Review should consist of title page, abstract, keywords, main text, reference, figures, and tables. The manuscript for Essay, Opinion, and Lecture Note should consist of title page, main text, reference, figures, and tables.

2. The title page should contain the following.

(1) Type of manuscript

(2) Title: Should be simple

(3) Authors: For the manuscript by more than one authors, place *1, *2, ... on each name and on the affiliation in (4) which should be in correspondence.

(4) Affiliation and Address

(5) Corresponding author's name, telephone number, fax number, and e-mail address.

3. Abstract should include the purpose, methodology, and achievements, without referring to the main text. It should be less than 200 words. Keywords should follow the abstract. One keyword should be consisted of less than three nouns expressing things and materials.

4. Main text should be prepared as follows:

(1) It is not strict, but the purpose and conclusions should be clearly stated in manuscript such as Original Paper, and Technical Paper. Recommended example of the text structure is Introduction, Experimental, Results and Discussions, and Conclusion. Short Paper does not need to follow this structure, but should be simple. Common sense in each research field and textbook-like explanation should be avoided.

(2) Use SI units. If utilization of non-SI units are unavoidable, conversion to SI units should be shown.

(3) Follow IUPAC rule for chemical compounds.

(4) The structure of the main text should be clarified using numbers as follows.

1. ..., 1.1 ..., 1.2 ..., 1.2.1 ..., 1.2.2 ..., which is followed

by (1) ..., (2) ... Further subsections should be avoided.

(5) When footnote is needed, superscripted [1], [2], ... should be used, and it should be shown at the end or the page.

(6) The new paragraph should be indented by 5 letters.

(7) Expressions should be shown as

$$x = \frac{a+b}{c+d} \quad (1)$$

, using one line.

(8) All figures should be referred to from the main text. The first appearance in the text should be in bold.

(9) When necessary, Nomenclature can be added.

5. Tables, figures, and photos

The content of tables and figures should not be the same, and only ones needed for understanding the main text should be included.

(1) Tables should be prepared as follows.

Table caption should be located above the table. Footnotes should be shown below the table.

(2) Figures and photos should be prepared as follows.

Figures should be prepared with computer software. Figure caption should be located below the figure. Photos should be treated as figures. Clear contrast is needed. For the case of paper submission, photo should be pasted on a A4 paper. Electric files for figures and photos may be requested for publication.

(3) Color printing

Expenses needed for color printed should be covered by the authors.

6. Referred materials

The authors are responsible to get permission to use materials protected by copyright.

7. References

(1) References should be indicated by superscripted numbers as 1) 2), or 1) ~ 3). The list should be placed at the end of the main text. See the examples below.

(2) Abbreviation of journal titles should follow the rule of Chemical Abstracts. Use the following homepage if necessary.

<http://cassi.cas.org/search.jsp>

(3) The list of the references should be indicated in the order of authors, journal, volume, number (if needed),

pages, and year of publication as shown below. Reference of web site should be minimum, and if cited, last access date should be given. Journal title should be italicized, and the volume number should be in bold. Publishers should be given for the books. The cited pages in books should be shown as pp. 123-125. Titles of books and preprints should not be italicized.

[Examples]

- 1) Iwasaki, T.; Satokawa, S.; Kojima, T.: *J. Jpn. Inst. Energy*, **92**, 327-336 (2013)
- 2) Maa, Q.; Wang, D.; Wu, M.; Zhao, T.; Yoneyama, Y.; Tsubaki, N.; *Fuel*, **108**, 430-438 (2013)
- 3) Bergman, T. K.; Lavine, A. S.; Incropera, F. P.; Dewitt, D. P., *Fundamentals of Heat and Mass Transfer*, 7ed, John Wiley & Sons, 2011
- 4) Japan Institute of Energy Ed., *Biomass Handbook*, 2ed, Ohmsha, 2009
- 5) Hasegawa, I, in *Biomass Process Handbook*, Society of Chemical Engineers Japan, Japan Institute of Energy, Eds., Ohm-sha, 2012, pp. 164-167
- 6) Aida, T.; Fujiwara, S.; Shinkai, T., *Prep. Joint 20th AIRPT - 43rd EHPRG Conf. on Science and Technology of High Pressure*, T13-O138, Jun. 26-Jul. 1, 2005, Karlsruhe, Germany
- 7) Sakanishi, K., Watanabe, Y., Mae, K., Yamamoto, K., *Prep. 8th Conference on Biomass Science*, O-601, Jan. 9-10, 2013, Higashi-Hiroshima, Japan
- 8) Ministry of Economy, Trade, and Industry, <http://www.enecho.meti.go.jp/topics/hakusho/2012energyhtml/2-1-3.html> (Last access: 2013.5.3)

8. Volume of manuscripts

The volume of the manuscript should be as follows.

One page corresponds to 800 words, and space for figures and tables are included.

- (1) Essay 2 pages or less
- (2) Opinion 6 pages or less
- (3) Review 6 pages or less
- (4) Lecture Note 6 pages or less

(Procedure for submission and publication)

Article 3 Preparation of the manuscript should follow the indication below.

- (1) Manuscript should be submitted by e-mail.
- (2) Manuscript should be prepared by a word processor software. Manuscript should be prepared on A4 papers with Century of Times font of 10.5 or 11 points, 30 lines per page.
- (3) When special treatment is needed, contact the

editorial office in advance.

2. Submission should be made as following.

- (1) The manuscript should be e-mailed to the editorial office of the Journal of the Japan Institute of Energy.
- (2) The title of the mail should be "New submission to JJIE".
- (3) Files which include title page, abstract, keywords, main text, reference, figures, and table. Check for errors before submission.
- (4) The file name should be in 20 letters or less. (ex: tmaeda070124.pdf)
- (5) The manuscript should be submitted to the following.

Mail to: jie-journal@jie.or.jp

If contact by physical mail is needed, use the following address.

Editorial Office, the Journal of the Japan Institute of Energy

c/o Department of Materials and Life Science, Seikei University

3-3-1 Kichijoji-Kitamachi, Musashino, Tokyo 180-8633 JAPAN

TEL: 090-1202-9239

4. Publication is made as follows.

- (1) The corresponding author should submit the manuscript and related electronic files following the indication of the Editorial Committee.
- (2) Galley check is made once. The result of the check has to be sent to the Editorial Committee in 2 days. Only printing error can be corrected. If the result of galley check is not sent in time, the final version is made only with the check by the Editorial Committee.
- (3) Errata can be published upon corresponding author's request if it is the printing error. Errata on other errors requires approval of the Editorial Committee.

(Revision)

Article 4 Revision of this guide needs approval of the Editorial Committee and the General Committee.

Supplementary

The enforcement of this guide starts on January 1, 2017.