

# *Journal of Water and Environment Technology*

## Instructions to Authors

The *Journal of Water and Environment Technology* (JWET) welcomes submissions from all authors, regardless of their location or background. Articles can span local, regional, or global scales, but must be placed in a context that ensures relevance and interest to a global audience. JWET is committed to an ethical, fair, and rapid peer-review process.

## AIMS & SCOPE

JWET is an open access, fully peer-reviewed international journal which covers all aspects of the science, technology, and management of water and the environment. The journal's content is clearly placed in a broader context to make it relevant and interesting to our global audience of researchers, engineers, water technologists, and policymakers.

JWET is the official journal of [the Japan Society on Water Environment \(JSWE\)](#) published in English, and welcomes submissions that take basic, applied, or modeling approaches to the interesting issues being faced in the field. Topics can include, but are not limited to, water environment, soil and groundwater, drinking water, biological and physicochemical treatments, sludge and solid waste, toxicity, public health and risk assessment, test and analytical methods, environmental education, among others. JWET also welcomes seminal studies that help lay the foundation for future research in the field.

JWET is committed to an ethical, fair, and rapid peer-review process. It is published six times per year (February, April, June, August, October and December) and consists of four article types: Original Articles, Review Articles, Mini Review Articles, and Letters to the Editor.

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JWET observes the highest standards in journal publication. The journal supports and adheres to the guidelines and best practices including [Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals](#) by the [International Committee of Medical Journals Editors](#) (ICMJE) and the [Principles of Transparency and Best Practice in Scholarly Publishing](#) (a joint statement by the [Committee on Publication Ethics](#) (COPE), the [Directory of Open Access Journals](#) (DOAJ), the [World Association for Medical Editors](#) (WAME) and the [Open Access Scholarly Publishers Association](#) (OASPA); (<https://doaj.org/apply/transparency/>). Also, authors should carefully read the journal policies below as submission to the journal implies that all authors have read and approved them. For further details, please refer to [JWET's Ethics Policies](#).

Submission to the journal also implies that all authors have seen and approved of the manuscript, have agreed to its submission, have the right to publish the work, and that it is not libelous or defamatory. All authors also undertake that the manuscript is an original work that has neither been previously published in any language, nor is it under consideration elsewhere. Authors must inform the editors if any related publications are under consideration or in press elsewhere.

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All authors listed in the manuscript must meet the following contribution criteria as defined by the [ICMJE Recommendations](#).

- Substantial contributions to the conception or design of the research or the acquisition and analysis of data; and
- Drafting the work or reviewing it critically for important intellectual content; and
- Final approval of the version to be published; and
- Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

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Submission to the journal implies that all authors have agreed to the author list and its order. Any amendments to the list (such as changing the order or adding or removing authors) after submission must be approved by all authors and the editor. Adding, deleting, or changing the author names and their order is not permitted after the acceptance of the manuscript for publication.

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## **Redundant or Duplicate Publication**

The authors consider their submission to the journal to be original works. Articles that are being considered for publication in another journal including advanced publications such as “in-press” or “E-pub ahead of print” articles in any language might be regarded as redundant or duplicate publication. The journal uses iThenticate software to screen material, and the authors agree to this process on each submission.

The author should notify the editor formally about all submission and the previous reports that could be regarded as redundant or duplicate publication of the same or similar work. Any such material must be referred to and referenced in the new work. Copies of such work should be included with the submission.

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Editorial actions should be expected if redundant or duplicate publication is attempted or occurs without such notification. Editorial actions may include: immediate rejection of the submitted manuscript; retraction of published work; published notice of violation, and revocation of publishing privileges.

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The journal considers the publication of manuscripts previously available as preprints on non-commercial servers. It is the responsibility of the authors to inform the journal at the time of submission if and where their article has been previously posted. If the manuscript is accepted for publication in the journal, the authors are required to update the preprint with a citation to the final published article via its Digital Object Identifier (DOI) along with a link.

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Community standards must be met during the presentation of the images. While digital manipulation or processing of images is allowed, all figures must accurately reflect the underlying data. The editors reserve the right to request original data and images from the authors.

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The journal supports the use of supplementary materials for supporting data and relevant materials, or the use of relevant and accepted public repositories and databases. See the Supplementary Materials section for further details on the format and style of these materials.

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In accordance with [ICMJE's policy](#) on trial registration, all clinical trials must be registered with a public trials registry before the time of first patient enrollment. [ICMJE](#) defines clinical trials as any research project that prospectively assigns people or a group of people to an intervention, with or without concurrent comparison or control groups, to study the cause-and-effect relationship between a health-related intervention and a health outcome. Health-related interventions include, but are not limited to, those used to modify a biomedical or health-related outcome; examples include drugs, surgical procedures, devices, behavioral treatments, educational programs, dietary interventions, quality improvement interventions, and process-of-care changes.

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- Australian New Zealand Clinical Trials Registry (<http://anzctr.org.au>)
- ISRCTN Register (<http://isrctn.org>)
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JWET encourages the authors of manuscript which includes clinical trials to share their de-identified research data including, but not limited to raw data, processed data, software, algorithms, protocols, methods, materials, study protocol, statistical analysis plan, informed consent form, clinical study report, and analytic code.

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- Available types of data,
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- With whom the data are available.
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Various reporting guidelines have been developed for different study designs. Authors are encouraged to follow published standard reporting guidelines for the study discipline.

- CONSORT for randomized clinical trials (<http://www.consort-statement.org/>)
- CARE for case reports (<http://care-statement.org/>)
- STROBE for observational studies (<http://strobe-statement.org/>)
- PRISMA for systematic reviews and meta-analyses (<http://prisma-statement.org/>)
- STARD for studies of diagnostic accuracy (<http://www.equator-network.org/reporting-guidelines/stard/>)
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issues delineated in the appropriate reporting checklist. The purpose of a reporting guideline is to guide you in improving the reporting standard of your manuscript. The objective is not to solely complete the reporting checklist, but to use the checklist itself in the writing of your manuscript. Taking the time to ensure your manuscript meets these basic reporting needs will greatly improve your manuscript, while also potentially enhancing its chances for eventual publication.

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If the manuscript is accepted for publication, the disclosures will be published as they appear in this section. If there are no COIs, the authors should state “The authors declare that there are no conflicts of interest”.

In addition, authors should list all sources of funding from entities such as government or non-profit organizations, which are relevant to the study, in the Acknowledgments section, including grant numbers where applicable.

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Original articles are full articles that describe novel work within the journal's scope with the standard format of Abstract, Introduction, Materials and Methods, Results and Discussion, Conclusions, References, and so forth, as further described below. The length of the main text should be less than 6,000 words.

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Mini Review articles are short articles that summarize recent progress and future perspectives on a particular subject matter within the journal's scope and include only the major literature concerning the subject. Articles which propose provocative new ideas or challenge currently accepted opinions are also welcome. Manuscript organization of a Mini Review article is the same as that of a Review article, but the length of the main text should be less than 3,000 words.

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## **English Standard**

Manuscripts should be written in comprehensive and grammatically correct English. Non-native English authors are strongly encouraged to have their manuscript checked by a native English speaker or an editing service prior to submission. A manuscript with poor English quality may be rejected without peer review.

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Define abbreviations upon first appearance in the main text (except in the Abstract). The use of abbreviations should be minimized, especially in the Abstract.

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Include the full names of all authors and capitalize the first letter. Note that the last name listed is most often used as the family name in most databases. Names of each author should be in the order of 'given name – family name'. The given name appears first, followed by the family name.

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## **Abstract**

The Abstract is vital to attracting interest in your work and should present a compelling and cogent overview of your paper that is accessible to a broader audience. In a maximum of 200 words, it should describe the main objective(s) of the study, a brief methodology, and the most important results and their significance. Please do not cite references in the Abstract. Abstract is not necessary for Letters to the Editor.

## **Keywords**

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The Introduction should describe the context and background of the work to ensure that it is accessible, relevant, and of interest to all the journal's readers. It should also ensure that the significance of your work can be fully understood. Readers, both inside and outside the specific field, ought to be able to understand the

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The Materials and Methods section should include the design of the study, the type of materials involved, a clear description of all comparisons, and the analyses used to enable replication by skilled researchers. If materials, methods, and protocols are well established, authors may cite articles in which these protocols are described in detail.

The name of the manufacturer should be accompanied with information on its location (city and country), unless commonly recognized by international readers. For field studies, the study site should be described so that readers who are not familiar with the site can fully understand the issues relevant to it.

## **Results and Discussion**

The Results and Discussion section should adequately detail the results of the experiments and outline the outcomes of the relevant analyses. Interpretations drawn from the results should be provided and used to support the conclusions of the study. The Results and Discussion may be combined into one section or presented separately.

## **Conclusions**

The Conclusions section briefly describes the significance and implications of the work reported. An itemized style using bullet points is acceptable.

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Any possible COI related to the study presented in the manuscript must be disclosed before the Reference section under the heading “Conflicts of Interest”. See the Conflicts of Interest Policy section for examples of disclosure statements.

## **Acknowledgements**

The Acknowledgements section should include anyone who contributed substantially to the paper but did not meet the criteria for authorship. Funding sources (including grant numbers) should also be included.

## **References**

All work cited in the text should be included in the References section. References must always be given in sufficient detail to enable the reader to locate the work cited. The authors are responsible for the accuracy of their references.

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Including AI-generated material as the primary source in the reference is not allowed.

### *Journal articles*

- [1] Gunawardana EGW, Satoh H, Mino T: Analysis of bacterial communities in treated water and activated sludge and evaluation of an easy methodology for preparing PCR-compatible DNA extracts. *J. Water Environ. Technol.*, **12**(1), 1–12, 2014.

- [2] Matsubayashi M, Shimada Y, Li Y-Y, Harada H, Kubota K: Phylogenetic diversity and *in situ* detection of eukaryotes in anaerobic sludge digesters. *PLoS ONE*, **12**(3), e0172888, 2017. doi:10.1371/journal.pone.0172888
- [3] Sawada K, Inoue D, Sei K, Ike M: Monitoring the fates of retinoic acids and 4-oxo-retinoic acids in municipal wastewater treatment plants. *J. Jpn. Soc. Water Environ.*, **36**(2), 57–65, 2013. [in Japanese with English abstract]

#### *Test guidelines*

- [4] APHA-AWWA-WEF: Standard Methods for the Examination of Water and Wastewater, 23rd edition. American Public Health Association/American Water Works Association/Water Environment Federation, Washington DC, USA, 2017.
- [5] Japan Water Works Association: Test Guidelines for Drinking Water Quality, 2011 edition. Japan Water Works Association, Tokyo, Japan, 2011. [in Japanese]
- [6] Japan Sewage Works Association: Wastewater Examination Method, 2012 edition. Japan Sewage Works Association, Tokyo, Japan, 2012. [in Japanese]

#### *Books*

- [7] Henze M, Harremoës P, LaCour Jansen J, Arvin E: Wastewater Treatment: Biological and Chemical Processes. Springer, Heidelberg, Germany, 1995.
- [8] Rudnick RL, Gao S: Composition of the continental crust. In: Holland HD, Turekian KK (eds.): Treatise on Geochemistry, Elsevier, Amsterdam, Netherlands, Vol. 3, pp. 1–64, 2003.

#### *Theses*

- [9] Tamminen T: Eutrophication and the Baltic Sea: Studies on Phytoplankton, Bacterioplankton and Pelagic Nutrient Cycles. PhD thesis, Department of Environmental Conservation, University of Helsinki, Finland, 1990.

#### *Websites and reports available on websites*

- [10] Japan Meteorological Agency: Analysis and Forecast of Precipitation. <http://www.jma.go.jp/en/kaikotan/index.html> [accessed in April, 2023]
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