

# *Journal of Water and Environment Technology*

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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, Methods, Results and Discussion, 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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The first page of each manuscript should contain the title, authors' full names, affiliations, keywords, and the name, address, telephone number, and e-mail address of the corresponding author.

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Include the full names of all authors and format in sentence case. Note that the last name listed is most often used as the family name in most databases.

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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

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## **Keywords**

A maximum of five keywords should be given so that information retrieval systems can better locate an article. Authors are encouraged to include significant terms that are not in the title.

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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 purpose and significance of the study. The problem(s) being addressed must be clearly defined, and a brief review of the key literature can be included. It should conclude with a brief statement of the overall aim(s) of the work.

## **Materials and Methods**

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.

## **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 journal uses a modified Vancouver (numerical) format for references in the body of the manuscript and the References section. That is, each reference should be numbered in the order that they appear in the text as follows: for example, [1], [2], [3],.... If multiple sources are cited simultaneously, the following style should be used: [1, 4, 7–10]. Each numbered reference must be listed in the References section in order.

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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]
- [11] National Institute of Technology and Evaluation (NITE): NITE Chemical Risk Information Platform (NITE-CHRIPI). [https://www.nite.go.jp/en/chem/chrip/chrip\\_search/systemTop](https://www.nite.go.jp/en/chem/chrip/chrip_search/systemTop) [accessed in April, 2023]
- [12] WHO: Global Vaccine Action Plan 2011–2020. 2013. ISBN: 9789241504980, p. 17. <https://apps.who.int/iris/handle/10665/78141> [accessed on April 20, 2023]

### *Conference papers*

- [13] Watanabe H, Nakajima F, Kasuga I, Furumai H: Toxicity characterization of road dust using whole sediment toxicity identification evaluation procedures with a benthic ostracod. 4th IWA-ASPIRE Conference & Exhibition, Tokyo, Japan, 2011.
- [14] Fujinaga A, Yamanaka D, Tamatani T, Heya M, Takanami R, Taniguchi S, Ozaki H: The effect of repeating charge-discharge to electricity generated by soil microbial fuel cell. Proceedings of the 49th Annual Conference of Japan Society on Water Environment, Kanazawa, Japan, p. 225, 2015. [in Japanese]
- [15] Garrido DR, Tartakovsky B, Perrier M: Staged microbial fuel cells with periodic connection of external resistance. 11th IFAC Symposium on Dynamics and Control of Process Systems, including Biosystems, Trondheim, Norway, 2016.

### *Unpublished data and personal communications*

Cite unpublished data only in the main text along these lines: "The trend was confirmed by additional experiment (unpublished data)." Citation of unpublished data and personal communications should be avoided as far as possible.

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