



# JOURNAL OF HAZARDOUS MATERIALS

Environmental Control, Risk Assessment, Impact and Management

## AUTHOR INFORMATION PACK

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### DESCRIPTION

The *Journal of Hazardous Materials* publishes full-length research papers, review articles, and case studies that improve our understanding of the hazards and risks that certain materials pose to public health and the environment. Papers that deal with ways of controlling and mitigating risks of hazardous materials (HM) are within the scope of the journal. However, the following areas are excluded: non-hazardous materials, work place health & safety, standard municipal waste and wastewater treatment processes including nutrient removal, greenhouse gas mitigation, toxicology of hazardous materials below the organism level (i.e. at the cellular, metabolic, or molecular level), and the manufacturing of explosives.

The Journal publishes high-impact contributions on:  
Characterization of the Harmful Effects of Chemicals and Materials  
(including contaminants of emerging concern)  
Measurement and Monitoring of HM Transport and Fate of HM in Environment  
Risk Assessment and Management  
Physico-chemical and Separation Processes for HM Removal  
(Absorption, Ion Exchange, Coagulation/Flocculation/Precipitation, Membrane Process, Flotation, Stabilization/Solidification)  
Thermal Processes for HM Removal  
(Incineration, Pyrolysis, Gasification, Plasma)  
Advanced Oxidation Process for HM Removal  
(Photodegradation/Photocatalysis, H<sub>2</sub>O<sub>2</sub>-UV, Fenton, Ozone, Sonolysis, Plasma Processes, etc.)  
Biological Processes for HM Removal  
(Biodegradation, Phytoremediation, Combined Degradation Processes)  
Safer and Cleaner Technologies  
Material and Energy Resource Recovery from Hazardous Waste  
(Medical waste, Electronic waste, etc.)  
Micropollutants & Endocrine Disrupting Chemicals  
The Journal publishes papers with significant novelty and scientific impact. The Editors reserve the right to decline, without external review, papers that do not meet these criteria, including papers that:

Are very similar to previous publications, with changed target substrates, employed materials, analyzed sites or experimental methods,  
Deal with parameter optimization of known processes without new concepts and/or interpretations,  
Report the environmental analysis and monitoring of specific geographic areas without presenting new insights and/or hypothesis testing, or  
Do not focus on the environmental relevance and significance of the studied systems or materials.

A 100 word (maximum) "statement of novelty" explaining why the work should be published in *Journal of Hazardous Materials* must be provided as a separate document upon submission of your manuscript. The "statement of novelty" must not be a retelling of the abstract. When preparing the statement, please make sure to address (a) the significance and novelty of the work, with respect to existing

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The Editors welcome proposals for review articles. Proposals must contain the following components for consideration: (1) a brief summary of the proposed review article content, (2) a clear indication of the novelty and urgency of such a review paper at this time, in light of other review articles on the same topic, (3) a brief description of the authors' academic background and research areas, and (4) a list of all authors' publications related to the proposed review article topic. Please send your proposals to one of the Editors directly using the e-mail addresses available on the Journal homepage: <http://www.elsevier.com/locate/hazmat>. Note the submission of review articles is by invitation only, pending approval of the proposal by the Editors.

Letters to the Editor will undergo review. Any Letters to the Editor received will be circulated to all Editors before a decision is made whether to publish. Authors of earlier papers, if the Letter concerns a prior publication, will also be given an opportunity to respond.

To ensure conciseness, follow these maximum word count guidelines: research paper: 5,000 words; review article: 15,000 words. Cover letters must state the manuscript word count, which includes text, figure captions, and table legends, but not references.

## **AUDIENCE**

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Chemists, Chemical Engineers, Manufacturers of Chemicals, Designers of Chemical Plants, Local Authorities, Emergency Services, Transportation Services, Safety Engineers and Inspectors.

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## GUIDE FOR AUTHORS

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### INTRODUCTION

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To ensure conciseness, follow these maximum word count guidelines: research paper: 5,000 words; review article: 15,000 words. Cover letters must state the manuscript word count, which includes text, figures captions, and table legends, but not references.

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Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described.

#### *Results*

Results should be clear and concise.



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This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

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The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

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If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59.

Reference to a book:

[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

Reference to a website:

[4] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/>, 2003 (accessed 13.03.03).

Reference to a dataset:

[dataset] [5] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, *Mendeley Data*, v1, 2015. <https://doi.org/10.17632/xwj98nb39r.1>.

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