



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, H₂O₂-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.

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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.

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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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INTRODUCTION

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[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 March 2003).

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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