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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 Impact Assessment and Management Physico-chemical and Separation Processes for HM Removal Advanced Oxidation Process for HM Removal Thermal Processes for HM Removal Biological Processes for HM Removal Demonstrated Safer and Cleaner Technologies Resource Recovery (Energy and Materials) 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.
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- 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 literature, and (b) the scientific impact and interests to our readership. Papers that lack significant novelty will be rejected.

*Types of Papers*
Full-length research papers within the above stated Aims and Scope are welcome. Such contributions are not to be submitted in two parts (i.e. Part I and Part II) - these must be consolidated into one manuscript. Short communications are not considered.

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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AUDIENCE

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

IMPACT FACTOR

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GUIDE FOR AUTHORS

INTRODUCTION

The *Journal of Hazardous Materials* 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 and 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.


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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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