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DESCRIPTION

Beginning in 2019, *Environment International* became an open access journal and further expanded its scope into new areas of research to become a multi-disciplinary journal publishing high quality and novel information within the broad field of 'Environmental Sciences'.

Coverage includes, but is not limited to, the following research topics:

- 1) Public Health and Health Impact Assessment, Environmental Epidemiology (Prof. Mark Nieuwenhuijsen)
- 2) Environmental Health and Risk Assessment, Environmental Chemistry (Prof. Adrian Covaci)
- 3) Environmental Monitoring and Processes, Environmental Microbiology and Toxicology (Prof. Yong-Guan Zhu)
- 4) Environmental Technology (Prof. Zhen Jason He)

The journal has published before on many of the above mentioned topics, and thus they are familiar to authors, readers, reviewers and editors. In particular, the following specific topics are welcome (non-exhaustive list), as long that they have a strong environmental aspect and applicability and if they discuss "interactions between environment and humans" in the broad sense.

1) Public Health and Health Impact Assessment, Environmental Epidemiology (Prof. Mark Nieuwenhuijsen)

The section overseen by Prof. Nieuwenhuijsen will cover novel topics related to the exposure assessment and epidemiology of indoor and outdoor air quality, noise, green space, temperature and other environmental exposures, the assessment and health effect of urban and transport planning and the built environment. We also welcome innovative research on women, children, migrants and elderly as specific and vulnerable sub-populations. Other topics of interest relate to the health implications and impacts of climate change with specific reference to sustainable development, including planetary health and urban health.

2) Environmental Health and Risk Assessment, Environmental Chemistry (Prof. Adrian Covaci)

The section overseen by Prof. Covaci covers novel topics related to the assessment, modelling and impact of chemicals of emerging concern on human exposure and human exposome in general, which are important in environmental and health risk assessment. We also welcome novel and innovative approaches for human biomonitoring and environmental "omics", for a broad range of Persistent Organic Pollutants, Endocrine Disruptors and Emerging Contaminants, including microplastics. These

tools are pivotal for the correct evaluation of source apportionment, exposure, fate, bioavailability, and biotransformation of environmental and food contaminants. We also want to attract innovative papers investigating the link between ecosystem health and human health and their input on the chemicals policy and regulation. We strongly encourage the submission of systematic reviews related to environmental and human health risk assessment.

3) Environmental Monitoring and Processes, Environmental Microbiology and Toxicology (Prof. Yong-Guan Zhu)

The section overseen by Prof. Zhu will cover environmental processes, ecotoxicology and environmental microbiology. For environmental processes, we welcome novel and innovative research submissions addressing biogeochemical processes in terrestrial and aquatic ecosystems, and their influence on the status and fate of contaminants and nutrients. Under the topic of ecotoxicology, we will cover novel areas of toxicological studies, particularly on molecular mechanisms of emerging contaminants and population dynamics under contamination. We also welcome papers on environmental microbiology, addressing fundamental interactions between environmental conditions and microorganisms, both ecology and molecular mechanisms; and the dynamics of microbial genes in the environment.

4) Environmental Technology (Prof. Zhen Jason He)

The Environmental Technology section, overseen by Prof. He, responds to increasing attention on technological solutions which will lead to an improvement of our environment and quality of life in general. We will consider innovative research on, but not limited to: technologies for minimizing and treating contaminants, and/or maximizing recovery of valuable resources from wastes such as energy, nutrients, and water; technologies for sensing and monitoring the quality of water, air, and other environmental compartments; and technologies for analyzing emerging contaminants via chemical and microbiological methods. We welcome both applied and fundamental research that develops novel and innovative technologies with a strong environmental application potential, that address key limitations of existing technologies, and/or demonstrate technologies in the real world using methods with strong scientific merit. We are particularly interested in interdisciplinary research that connects environmental technologies to public and environmental health, resource recovery, social economics, and sustainability.

AUDIENCE

Environmental scientists, ecotoxicologists, environmental chemists, environmental health specialists, environmental regulators, ecologists, biologists, hydrologists, geologists, marine and atmospheric scientists.

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1. *Editorial articles* are published by the Editor-in-Chief or other Editors, members of the Editorial Board or invited Guest Editors. These focus attention on contemporary important environmental issues and are designed to stimulate debate and discussion.

2. *Research Articles* are up-to-date, original papers that present developments in any environmental scientific field. Informative abstracts are required and articles must be fully referenced. Criteria for publication are weighted toward scientific quality and environmental significance. The manuscript will be evaluated on the basis of its conciseness, clarity, and presentation. The work will be assessed according to its originality, scientific merit, and experimental design. Poorly written manuscripts will be returned to the authors with a request to improve the quality of the paper prior to peer review.

3. *Correspondence* is encouraged. Opinions, perspectives and insight on articles published in Environment International are very welcome.

4. *Reviews* represent articles that distill recent developments and discuss trends in a particular field of research. They may be of a broader nature than Research Articles, providing accounts of specific fields of interest in relevant research areas related to our Aims and Scope. Authors are encouraged to write in a clear and simple manner so that the article is understandable to readers from a broad cross section of disciplines. On average, a text length (excluding references) of approximately 8000 words is advised and brevity is encouraged. **Prospective authors should contact the relevant Editors-in-Chief and the Associate Editor for Reviews (Robert Letcher) in the first instance to discuss the suitability of proposed topics.** Review articles should not be case studies, nor reporting of personal research.

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State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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Results should be clear and concise.

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Acknowledgements

Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

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