Call for review articles

Environmental Chemistry for a Sustainable World

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Bioremediation and Biodegradation

Anamika Das, Nandita Dasgupta, Shivendu Ranjan and Eric Lichtfouse, Editors

INSTRUCTIONS TO AUTHORS

About Environmental Chemistry for a Sustainable World
Environmental Chemistry for a Sustainable World (ECSW) is a series published by Springer Nature since 2012 and available at http://www.springer.com/series/11480. Metrics of chapter downloads are available on volume websites; for instance the download number of volume 1 chapters is 12,491 on July 20, 2017. Springer Nature is one of the world’s leading global research, educational and professional publishers, created in May 2015 through the combination of Nature Publishing Group, Palgrave Macmillan, Macmillan Education and Springer Science+Business Media.

Submission

The submission deadline is August 1st, 2018
Articles should be submitted in pdf to Dr. Anamika Das at dasanamika02@gmail.com and copied to Shivendu Ranjan at shivenduranjan@gmail.com. The manuscript must be accompanied by a cover letter containing a list of six suggested, international reviewers including title, name, postal address and e-mail address. Samples of published chapters are available upon request.

Selection
The Editors and external peer-reviewers will evaluate manuscripts. The actual rejection rate is 30%. Only manuscripts of very high quality will be accepted.

Publication
The book will be published in 2018. Authors of the best chapters will then be offered the option to publish an abridged version in the journal Environmental Chemistry Letters, of 3.6 impact factor.

Aims and topics
We invite scientists to write high quality literature reviews on principles, methods, research trends and technologies in environmental bioremediation. Here are topic examples:

Nanoremediation, nanotoxicology, nanomaterials
Genetically engineered microbes and plants
Advanced bioremediation processes
Living organisms for bioremediation: earthworms, algae, bacteria
Green biosorbents
Molecular assessment, biosensors, bioreporters, contaminants detection
Metagenomics, metabolomics, proteomics, transcriptomics, fluxomics, meta-transcriptomics,
metaproteomics, proteogenomics, interactomics
Bioinformatics in bioremediation

Articles
ECSW publishes review articles analysing the critical points of current knowledge including
substantive findings as well as theoretical and methodological contributions to a particular topic.
Literature reviews are secondary sources, and as such, report no or very few original work.

General guidelines
Guidelines on how to write a review article are available at http://fr.slideshare.net/lichtfouse/writea-
review. General advices on writing are available in the book Scientific Writing for Impact Factor

Sections
Article sections should be: Title, Authors, Author postal and e-mail addresses, Abstract, Keywords
(10), Contents (list of sections), 1. Introduction, 2. Section title, 3. Section title, 3.1 Subsection title... X.
Conclusion, Acknowledgements, References.

Abstract
The abstract should be readable by a wide audience, e.g. students, policymakers and the public. The
abstract is not a menu, nor an introduction and not a place for vague and opinion comments. The
abstract text should be precise, quantitative and supported by trends and data, whenever possible.
The abstract must reflect the article content, using e.g. 1-3 sentences extracted from each article
section. The abstract should contain two parts: 1) Background/issues: this section should explain
actual issues related to the topic in about 5 sentences, and 2) Major advances: this part of about 5
sentences, starting by e.g. ‘Here we review… The major points are:…’, should list the major trends
and findings deduced by literature analysis in each section of the article.

Text
The body text should be written in paragraphs of about 3-8 sentences. Please avoid the overuse of
abbreviations. Expressions and sentences in parenthesis should be avoided.

Figures
Articles must include well-thought figures such as graphs, schemes, tables, and colour photos, e.g.
one figure per section. Figure captions should include 2-3 sentences explaining the trends and their
significance. Figures should indeed be understandable without reading the main text. Manuscripts
containing figures of low quality, low resolution or low presentation will not be evaluated. Figures
should be preferably drawn by the authors. For figures taken in the published literature, authors should
either 1) redraw figures from the data and insert the original reference in the caption (e.g. Modified
after Smith et al. 2005) or 2) reprint directly the figure, if this figure is of enough quality and resolution
(higher than 600 dpi): in that case authors must obtain permission to reprint from the publisher or
editor, and write e.g. ‘With permission of…’ at the end of the caption. Authors must provide certificate
of permission at submission.

References
The article should include more than 50 references. References to web addresses are not accepted,
unless proven stable. Reference citation in the text: Smith (2006), Smith and Brown (2005), Smith et
al. (2004). References should preferably be placed at the end of sentences. References in the list
should include the DOI to increase article impact through links. Please note that a major cause of
publication delay is due to reference errors, e.g. references in text absent in list, references in list
absent in text, references not in the format and errors in numbers (years, volume, pages).
About the Editors

**Anamika Das**
Dr. Anamika Das is Research Associate at VIT University, Vellore, India. Earlier, she has also worked in National Bureau of Plant Genomic Research (ICAR), Pusa Campus, New Delhi. She has delivered many oral presentations in research field in international conferences and has published research articles in international peer reviewed journals. Her research interests include biodegradation of environmental pollutants, molecular techniques in bioremediation, metagenomics and metabolomics. She has received many awards for her excellence in academic and research field such as Mayurbhanja Memorial Gold Medal, Bhagyalaxmi Memorial Gold Medal and Rai Bahadur Baidyanath Mishra Memorial Gold Medal.

**Nandita Dasgupta**
Nandita Dasgupta is Research Associate at VIT University, Vellore, Tamil Nadu, India. She has exposure of research institutes and industries including CSIR-Central Food Technological Research Institute, Mysore, India and Uttar Pradesh Drugs and Pharmaceutical Co. Ltd., Lucknow, India. Her areas of interest include toxicological analysis, natural products technology, nanobiotechnology and agri-food technology. She has published several books and chapters. She has published scientific articles in international peer-reviewed journals and has also served as editorial board member and referee for reputed international peer reviewed journals. She has received the Elsevier Certificate for Outstanding Contribution in Reviewing. She has also been nominated for Elsevier advisory panel for Elsevier. She is the Associated Editor in Environmental Chemistry Letters – a Springer journal of 3.6 Impact Factor. She has received several awards from different organizations e.g. best poster award, young researcher award, special achiever award, and research award.

**Shivendu Ranjan**
Shivendu Ranjan is DBT-Research Fellow, Department of Biotechnology, Ministry of Science and Technology, Government of India at VIT University, Vellore, Tamil Nadu, India. He is also serving for a non government organization as an Honorary-Director, Research Wing, Veer Kunwar Singh Memorial Trust, Chapra, Bihar, India. He is the Founder-Director at Xpert Arena Technological Services Pvt. Ltd., India (www.xpertarena.com); this company is dedicated to serve in online and offline sectors with a vision to simplify the education. He has also founded and drafted the concept for first edition of “VIT Bio Summit” in 2012 and the same has been continued till date by the university.
His area of research is multidisciplinary which are as but not limited to: nano-food technology, nano-agri technology, nanobiotechnology, nano-toxicology, natural products technology, natural products chemistry, Food chemistry and Food Engineering. He has published many scientific articles in international peer reviewed journals. He also has published many books and has authored many book chapters. He is serving as Associate Editor in Environmental Chemistry Letters, a Springer Journal with 3.6 Impact Factor; also serving as editorial board member and referee for many other international peer reviewed journals. He has bagged several awards from different organizations e.g. best poster award, achiever award, research award and young researcher award.

**Eric Lichtfouse**
Eric Lichtfouse is an environmental chemist at the French National Institute for Agricultural Research (INRA). He has published the book Scientific Writing for Impact Factor Journal, which describes the micro-article, a new tool to identify the novelty of experimental results. He is Chief Editor and founder of the journal Environmental Chemistry Letters, classified in the first quartile in Environmental Sciences, the book series Environmental Chemistry for a Sustainable World and Sustainable Agriculture Reviews, published by Springer Nature. He has invented the $^{13}$C-dating method, which allows to measure the dynamics of soil organic molecules, thus opening the field of molecular-level investigations of soil carbon sequestration. He is lecturing scientific writing and communication in universities worldwide. Further details are available on LinkedIn, Facebook, ResearchGate, Google Scholar Citations, ResearcherID, Orcid and Twitter.
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