Call for review articles
Environmental Chemistry for a Sustainable World
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SPRINGER NATURE

Environmental Biotechnology

Gothandam KM, Shivendu Ranjan, Nandita Dasgupta, 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 10,763 on July 4, 2016. 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 July 1st, 2018

Articles should be submitted in pdf 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 2019. Authors will then be offered the option to publish an abridged version in the journal Environmental Chemistry Letters, of 3.59 impact factor.

Aims and topics
For this special issue entitled Recent Trends in Environmental Biotechnology we invite scientists to write high quality literature reviews focussed on the recent developments, research trends, methods and issues related to the recent research trends in environmental biotechnology.

Potential topics include, but are not limited to:

- Environmental Biotechnology textbook-like chapters for students and the public
Environmental Science, Technology and Engineering
Devices and Sensors for environment
Wastewater & solid waste management, treatment and reuse
Sorbents, sequestration and desalination
Energy and Health
Food and Agriculture
Environmental Nanotechnology
Microbial ecology and molecular biology applications for a better environmental control
Toxicology [Ecotoxicology, Aqua-toxicology, in vitro and in vivo toxicology]

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

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 should contain two sections: 1) Background/issues: this section should explain actual issues related to the topic in about 5 sentences, and 2) Major advances: this section 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.

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

Gothandam KM

Dr. Gothandam KM is currently working as Dean & Professor, School of Bio Sciences and Technology, VIT University, Vellore, Tamil Nadu, India. His main area of research is Plant Biotechnology and Environmental Biotechnology. He has published many scientific research and review articles in international peer review journals, and also referee for many journals of high-impact factor journals.

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Shivendu Ranjan

Shivendu Ranjan is currently working as DBT-Research Fellow, Department of Biotechnology, Ministry of Science and Technology, Govt 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 (Springer Journal with 2.91 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, young researcher award etc.

Nandita Dasgupta

Nandita Dasgupta is currently serving as 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 many books and has authored many chapters. She has also published many scientific articles in international peer reviewed journals and also serving as editorial board member and referee for reputed international peer reviewed journals. She has received Elsevier Certificate for “Outstanding Contribution” in Reviewing from Elsevier, The Netherlands. She has also been nominated for Elsevier advisory panel for Elsevier, The Netherlands. She is the Associated Editor in Environmental Chemistry Letters – a Springer journal of 2.9 Impact Factor. She has received several awards from different organizations e.g. Best poster award, young researcher award, Special achiever award, research award, etc.

Eric Lichtfouse

Eric Lichtfouse, 56, is a soil scientist at the French National Institute for Agricultural Research (INRA). He has invented the $^{13}$C-dating method allowing to measure the dynamics of soil organic molecules, thus opening the field of molecular-level investigations of soil carbon sequestration. Chief Editor of the awarded journal
Agronomy for Sustainable Development, he has raised the journal rank from 29/53 in 2003, with an impact factor of 0.56, to 2/81 in 2014, with an impact factor of 3.99, in the Agronomy category. He is also Chief Editor and founder of the journal Environmental Chemistry Letters and the book series Sustainable Agriculture Reviews. He is lecturing scientific writing and communication in universities worldwide. His publication assistance service at the INRA has founded the french-english newsletter Publier La Science. He has published the book Scientific Writing for Impact Factor Journal. This text book describes in particular the micro-article, a new tool to identify the novelty of experimental results. Further details are available on Slideshare, LinkedIn, ResearchGate, ResearcherID and Orcid.

1) http://dx.doi.org/10.1007/s10311-011-0334-2
2) http://archive.sciencewatch.com/inter/jou/2010/10novAgrSusDev
3) http://www.springer.com/journal/13593
4) http://www.springer.com/journal/10311
5) http://www.springer.com/series/8380
6) http://fr.slideshare.net/lichtfouse/scientific-writing-and-communication
7) https://www.youtube.com/playlist?list=PLKEz5Pbi4p3By93Q0gclKPeSBTK2HJGK
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