Call for review articles

Environmental Chemistry for a Sustainable World
http://www.springer.com/series/11480

Green Adsorbents for Pollutant Removal

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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 11,546 on November 29, 2016. Springer Nature is one of the world’s leading global created in May 2015 through the combination of Nature Publishing Group, Palgrave Macmillan, Macmillan Education and Springer Science+Business Media.

Pre-submission
The corresponding author should first send a tentative title to Dr. Grégorio CRINI at gregorio.crini@univ-fcomte.fr, who will provide guidelines for redaction after approval.

Submission
The submission deadline is November 1st, 2017
Articles should be submitted in pdf or word file to Dr. Grégorio CRINI. The manuscript must be accompanied by a cover letter containing a list of six suggested 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 will then be offered the option to publish an abridged version in the journal Environmental Chemistry Letters, of 2.918 impact factor.

Aims and topics
We invite scientists to write high-quality literature reviews focused on the recent developments, research trends, methods and issues related to the use of green adsorbents for the removal of pollutants present in waters, wastewaters and aqueous solutions. Topics include:
- Green chemistry, adsorption, biosorption for pollutant removal: trends, challenges, opportunities.
- Non-conventional adsorbents and biosorbents including composites and hybrid systems. Production, characterization, fundamentals.
- Polysaccharides, e.g. chitosan, alginate and starch, fungal and algal biomass, peat, bark, sawdust, agricultural wastes.
- Pollutants in aqueous solutions: metals, dyes, pesticides, phenols, rare earth elements, PAH, PCB, pharmaceutical substances, radioelements.
- Adsorption mechanisms and pollutant-sequestering.
- Adsorption modeling: equilibrium isotherms, kinetics.
- Adsorbent and biosorbent regeneration
- Adsorption design: process equipment and feasibility
- Combined methods in water and wastewater treatment

**Articles**

*ECSW* publishes review articles analyzing 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, Acknowledgments, 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 color 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. Abbreviations in figures must be explained at the end of corresponding captions.

**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

Grégorio Crini, 50, is researcher at University of Bourgogne Franche-Comté, Besançon. His current interests focus on the design of novel polymer networks and the environmental aspects of polysaccharide chemistry. He published over 150 papers in international journals and books, and he is a highly cited researcher. The total citation of his publications is over 6000 according to ISI Web of Science, h-index: 29.
https://chrono-environnement.univ-fcomte.fr/spip.php?article217

Eric Lichtfouse, 56, soil biogeochemist at the French National Institute for Agricultural Research, is the author of the book Scientific Writing for Impact Factor Journals, which include an innovative writing tool: the Micro-Article. He has invented a molecular \(^{13}\)C-dating method allowing to measure the dynamics of soil organic compounds. He is Chief Editor of the journal Environmental Chemistry Letters, the book series Sustainable Agriculture Reviews and Environmental Chemistry for a Sustainable World, and the magazine Publier La Science.
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