Pesticides Remediation Technologies from Water and Wastewater

Pesticides Remediation Technologies from Water and Wastewater presents new research and covers the gap between old and the new knowledge related to the categorization of pesticides, their presence in water and wastewater, soil and food, new methods to detect them from water matrixes, and the ways/process to handle waters loaded with them. Specific emphasis is given to the emerging treatment processes and novel categories of adsorbents.

Through the 7 sections and 19 chapters, Pesticides Remediation Technologies from Water and Wastewater provides the necessary knowledge to researchers, highlighting the new trends in water/wastewater treatment processes, preparation methodologies, and application of novel adsorbent materials. Serving as a reference for environmental scientists, - the content presented will lead the reader to gain a clear understanding on all techniques for remediation.

Key Features
- Describes the environmental and health effects of pesticides and provides solutions for remediation
- Focuses on the removal of pesticides from water and wastewater through both conventional and advanced technologies
- Presents synthesis and application of novel adsorbent materials

About the Editors
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Prof. Dr. Ioannis Anastopoulos is an Assistant Professor at the Department of Agriculture, University of Ioannina, Arta, Greece. His research is focused on the following areas including the estimation of greenhouse gas emissions from agricultural soils after receiving organic and inorganic materials, the fabrication of different adsorbents for wastewater treatment, and the use of organic amendments for soil remediation. He is an author of publications in peer-reviewed journals (>80 articles) with more than 3,300 citations. His name is also included in the top 2% world scientists for 2019 [Baas, Jeroen; Boyack, Kevin; Ioannidis, John PA (2020)].
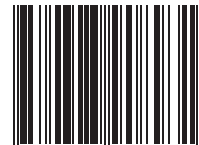
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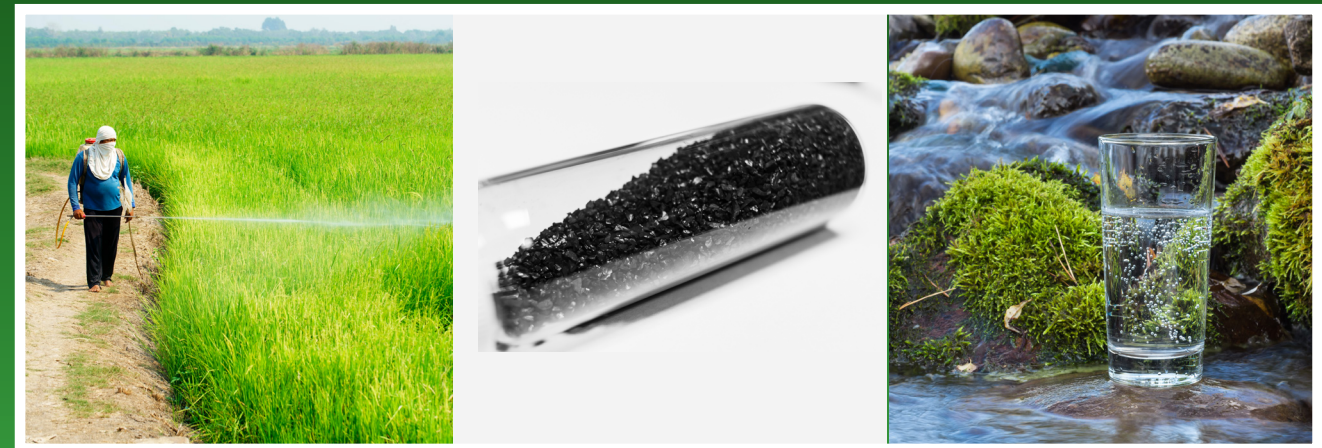
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