

Special Issue

Recent Advances in Plant and Microbial Technique for Emerging Contaminants Removal

Message from the Guest Editors

Emerging contaminants is term used by water quality and professional to identify any natural or synthetic chemical or microorganism with possibly notable or suspected harmful ecological and human health effects that are not specifically regulated or monitored in the environment. The main component of emerging contaminants include pesticide, endocrine-disrupting chemicals, personal care products, pharmaceuticals, flame retardants, and industrial additives. This special issue will be intended for academia, environmental managers and process engineers. Some subject matter is covered in survey or overview form, whereas others are treated in more depth. The overall objective of this special issue is not simply to provide a general reference, but to serve as a resource for developing approaches to remediate emerging contaminants. Moreover, the future challenges and prospects of ECs degradation by means of multiple multifunctional treatments will be outlined accordingly.

- enzyme mechanism
- microbial degradation
- ligninolytic enzyme
- biotransformation
- phytoremediation

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