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Biodegradation

Editor-in-Chief: E. Bouwer

- ▶ Publishes papers, reviews and mini-reviews
- ▶ Coverage spans many disciplines: Biochemistry, Genetics, Molecular Biology, Biodegradation Techniques and Economic and Legal effects
- ▶ Editor-in-Chief: Edward Bouwer, John Hopkins University, 3400 N. Charles St., Ames Hall 313, Baltimore, 21218 Maryland, USA
- ▶ 90% of authors who answered a survey reported that they would definitely publish or probably publish in the journal again

Biodegradation publishes papers, reviews and mini-reviews on the biotransformation, mineralization, detoxification, recycling, amelioration or treatment of chemicals or waste materials by naturally-occurring microbial strains, microbial associations, or recombinant organisms.

Coverage spans a range of topics, including Biochemistry of biodegradative pathways; Genetics of biodegradative organisms and development of recombinant biodegrading organisms; Molecular biology-based studies of biodegradative microbial communities; Enhancement of naturally-occurring biodegradative properties and activities. Also featured are novel applications of biodegradation and biotransformation technology, to soil, water, sewage, heavy metals and radionuclides, organohalogenes, high-COD wastes, straight-, branched-chain and aromatic hydrocarbons; Coverage extends to design and scale-up of laboratory processes and bioreactor systems. Also offered are papers on economic and legal aspects of biological treatment of waste.

"Waste treatment" papers are expected to contain something novel as regards to one or more of the following: (a) microbiology, (b) molecular biology, (c) biochemistry, (d) ecology, or (e) engineering. The simple reporting of a new isolate or process that does the same thing as reported many times by others is not sufficient.

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