

Biodegradation and Bioremediation, Second Edition PDF



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Biodegradation and Bioremediation, Second Edition by Martin Alexander ISBN 1483299759

Biodegradation has been the subject of active concern for the past 40 years. Recently, the field has expanded to encompass a wide variety of chemicals, a broad array of issues, and the development of the new bioremediation industry. This book presents the basic principles of biodegradation and shows how these principles relate to bioremediation. Authored by a world-renowned environmental microbiologist, **Biodegradation and Bioremediation** presents microbiological, chemical, toxicological, environmental, engineering, and technological aspects of the subject.

* Praise for the First Edition

* "Serves an important function in presenting a complete picture of biodegradation in the environment. I[t] provides biologists, chemists and engineers interested in this process with information complementary to their own fields and thus belongs on the shelf of everybody active in the study of biodegradation and bioremediation."

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* "A compendious account of the field in a form accessible to microbiologists, chemists, toxicologists and environmental scientists and engineers. His book succeeds admirably...Well indexed, its diagrams large and clear....It will serve as an excellent text for advanced undergraduate and postgraduate courses and as an invaluable source of reference to all those with a research interest in this expanding field."

* --SOCIETY FOR GENERAL MICROBIOLOGY QUARTERLY

* "The book could serve as a text for an upper-level or graduate class in the principles of biodegradation and bioremediation for microbiologists and environmental engineers. In summary, Alexander has prepared a cogent and well-organized review of the principles of biodegradation in a book that should prove useful to a great many people."

* --JOURNAL OF ENVIRONMENTAL QUALITY

* "Provides a unity of style, and generally, an excellent intellectual flow between topics....Alexander does a spectacular job of addressing the kinetics of degradation reactions--the discussion is one of the best I have seen, especially for those not well versed in mathematics."

* --BIOSCIENCE

* "Written by a very knowledgeable scientist...A very timely book...Recommended as a valuable resource for environmental scientists, engineers, or other persons with an interest in the use of

organisms for environmental decontamination and a need for better insight into the principles underlying bioremediation."

* --SOIL SCIENCE

Biodegradation and Bioremediation, Second Edition Review

This Biodegradation and Bioremediation, Second Edition book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Biodegradation and Bioremediation, Second Edition without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Biodegradation and Bioremediation, Second Edition can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Biodegradation and Bioremediation, Second Edition having great arrangement in word and layout, so you will not really feel uninterested in reading.