



# Bioremediation: Principles and Applications (Biotechnology Research)

*From Cambridge University Press*

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Industrial and agricultural activity throughout this century has led to considerable contamination of soil and groundwater resources by hazardous chemicals. The technique of bioremediation uses living organisms--usually bacteria and fungi--to remove pollutants from soil and water with minimal disturbance to these environments. This approach, which is potentially more cost-effective than traditional techniques such as incineration of soils and carbon filtration of water, requires an understanding of how organisms transform chemicals, how they survive in polluted environments, and how they can be used in the field. This book examines these issues for many of the most serious and common environmental contaminants, presenting the most recent position on the application of bioremediation to polluted soil and water.

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**Bioremediation: Principles and Applications (Biotechnology Research)** From Cambridge University Press **Bibliography**

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## **Editorial Review**

### **Review**

"It will be most useful to those conducting research and those who apply bioremediation at field sites." L.E. Erickson, Choice

"Readers with a wide range of experience could find this work valuable. Those relatively unacquainted with bioremediation would gain a nicely rounded introduction to the subject. As such, the book is well-suited as a supplemental reading in bioremediation courses offered at the advanced undergraduate or beginning graduate levels. Researchers would appreciate the book for the thorough state-of-the-art summaries it offers and would find it a solid addition to their personal or laboratory libraries. As a whole, the book is highly recommended." Journal of Environmental Quality, Vol. 28, No. 3

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