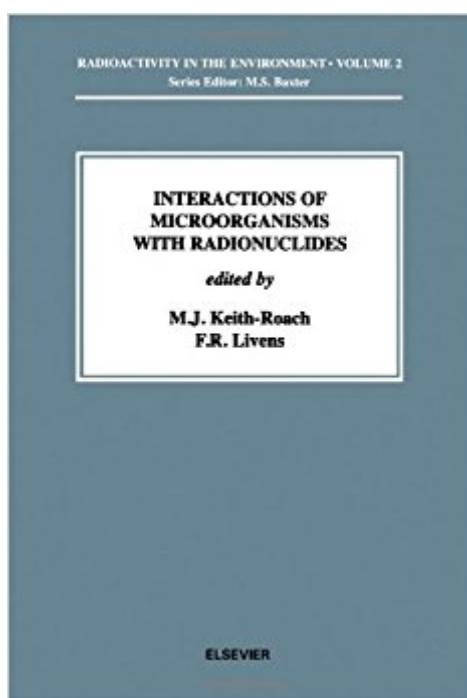


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Interactions Of Microorganisms With Radionuclides (Radioactivity In The Environment)



Synopsis

Many environmental processes are influenced, if not controlled, by microbial action and it is becoming increasingly important to develop an understanding of microbial roles in geochemistry. This book brings together state of the art research into microbiological processes and the extent to which they affect or can be used to control radioactive elements. The basic principles and fundamental mechanisms by which microbes and radionuclides interact are outlined, the methodology described, potential microbial influences on waste repositories examined, direct and indirect effects on transport both on local and global scales considered and potential technological applications identified. The book is directed towards advanced undergraduate students, postgraduates and researchers in the areas of environmental radioactivity, environmental microbiology, biotechnology and radioactive waste management. It will also be of interest to regulators, policy makers and non-governmental organisations. This novel and timely book offers a fully integrated approach to a topical international issue.

Book Information

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S.A. Haveman...this is an excellent book that covers the broad topic of interactions of microorganisms with radionuclides. This book will be a valuable resource for students and researchers in the field. *Journal of Environmental Radioactivity*

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