

The book was found

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

Series: Radioactivity in the Environment (Book 2)

Hardcover: 408 pages

Publisher: Elsevier Science (May 6, 2002)

Language: English

ISBN-10: 0080437087

ISBN-13: 978-0080437088

Product Dimensions: 0.8 x 6.8 x 9.5 inches

Shipping Weight: 2 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,618,491 in Books (See Top 100 in Books) #26 in [Books > Textbooks > Engineering > Nuclear Engineering](#) #85 in [Books > Science & Math > Environment > Recycling](#) #980 in [Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Nuclear](#)

Customer Reviews

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*

[Download to continue reading...](#)

Interactions of Microorganisms with Radionuclides (Radioactivity in the Environment) Freshwater Microbiology: Biodiversity and Dynamic Interactions of Microorganisms in the Aquatic Environment Radioactive Fallout after Nuclear Explosions and Accidents (Radioactivity in the Environment) ICRP Publication 69: Age-dependent Doses to Members of the Public from Intake of Radionuclides: Part 3 Ingestion Dose Coefficients Matter and Interactions, Volume II: Electric and Magnetic Interactions Stockley's Drug Interactions: A Source Book of Interactions, Their Mechanisms, Clinical Importance and Management Stockley's Herbal Medicines Interactions: A Guide to the Interactions of Herbal Medicines Parasitism: The Ecology and Evolution of Intimate Interactions (Interspecific Interactions) Environmental Radioactivity from Natural, Industrial and Military Sources, Fourth Edition Nuclear energy. Radioactivity. Engineering in Nuclear Power Plants: Easy course for understanding nuclear energy and engineering in nuclear power plans (Radioactive Disintegration) Everything You Must Know about Radioactivity 6th Grade Chemistry | Children's Chemistry Books Handbook of Radioactivity Analysis The Coast: Hazardous Interactions Within the Coastal Environment (Hazardous Earth) The Coast: Hazardous Interactions within the Coastal Environment (The Hazardous Earth) Holt Science & Technology: Microorganisms, Fungi, and Plants Short Course A Brock Biology of Microorganisms (13th Edition) Brock Biology of Microorganisms (14th Edition) Brock Biology of Microorganisms (15th Edition) Ponds and Small Lakes: Microorganisms and Freshwater Ecology (Naturalists' Handbooks) Microorganisms in Foods 7: Microbiological Testing in Food Safety Management

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)