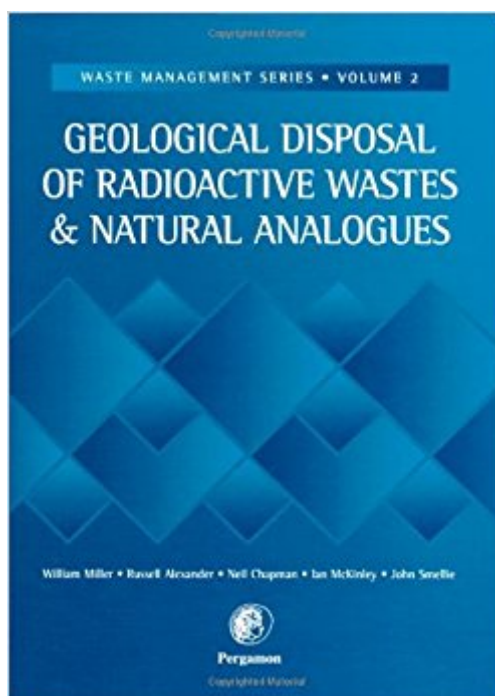


The book was found

Geological Disposal Of Radioactive Wastes And Natural Analogues, Volume 2 (Waste Management)



Synopsis

Many countries are currently exploring the option to dispose of highly radioactive solid wastes deep underground in purpose built, engineered repositories. A number of surface and shallow repositories for less radioactive wastes are already in operation. One of the challenges facing the nuclear industry is to demonstrate confidently that a repository will contain wastes for so long that any releases that might take place in the future will pose no significant health or environmental risk. One method for building confidence in the long-term future safety of a repository is to look at the physical and chemical processes which operate in natural and archaeological systems, and to draw appropriate parallels with the repository. For example, to understand why some uranium orebodies have remained isolated underground for billions of years. Such studies are called 'natural analogues'. This book investigates the concept of geological disposal and examines the wide range of natural analogues which have been studied. Lessons learnt from studies of archaeological and natural systems can be used to improve our capabilities for assessing the future safety of a radioactive waste repository.

Book Information

Series: Waste Management (Book 2)

Paperback: 328 pages

Publisher: Pergamon; 1 edition (November 23, 2000)

Language: English

ISBN-10: 0080438539

ISBN-13: 978-0080438535

Product Dimensions: 0.5 x 7.5 x 10 inches

Shipping Weight: 1.7 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #14,395,277 in Books (See Top 100 in Books) #71 in [Books > Textbooks > Engineering > Nuclear Engineering](#) #214 in [Books > Science & Math > Environment > Recycling](#) #549 in [Books > Science & Math > Chemistry > Nuclear Chemistry](#)

Customer Reviews

M. Gascoyne...the book is a wealth of information on natural analogues and related aspects of nuclear waste disposal (e.g. diffusion, migration, sorption, corrosion).
Journal of Environmental Radioactivity
D. Savage...this is an excellent compilation of material, bringing to a wider audience much information which might be lost in the 'grey literature', whilst carefully sifting key kernels of

knowledge for the reader. ...this book will be a useful reference to the research scientist, consultant, regulator or waste manager.Waste Management

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

Geological Disposal of Radioactive Wastes and Natural Analogues, Volume 2 (Waste Management)
Geological Disposal of Radioactive Wastes and Natural Analogues vol 2 (Waste Management)
Nuclear Reactions: The Politics of Opening a Radioactive Waste Disposal Site Deep Injection
Disposal of Liquid Radioactive Waste in Russia Plastics Waste Management: Disposal, Recycling,
and Reuse Radioactive Waste Management, Second Edition Behind the Nuclear Curtain:
Radioactive Waste Management in the Former Soviet Union Radioactive Waste Management
Understanding Radioactive Waste Geoenvironmental Engineering: Site Remediation, Waste
Containment, and Emerging Waste Management Technologies Drawing Geological Structures
(Geological Field Guide) Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste
Plastics into Diesel and Other Fuels Zero Waste Home: The Ultimate Guide to Simplifying Your Life
by Reducing Your Waste Characterization of Remote-Handled Transuranic Waste for the Waste
Isolation Pilot Plant: Final Report (Compass series) Seitan and Beyond: Gluten and Soy-Based
Meat Analogues for the Ethical Gourmet Chemical Synthesis of Nucleoside Analogues Fly Ash and
Coal Conversion By-Products: Characterization, Utilization and Disposal III: Volume 86 (MRS
Proceedings) Natural Systems for Waste Management and Treatment Integrated Solid Waste
Management: Engineering Principles and Management Issues Rigor Mortis: How Sloppy Science
Creates Worthless Cures, Crushes Hope, and Wastes Billions

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)