1. Record Nr. UNINA9910716811503321

Autore	Lane John W., Jr.
Titolo	Cross-hole radar scanning of two vertical, permeable, reactive-iron walls at the Massachusetts Military Reservation, Cape Cod, Massachusetts / / by John W. Lane, Jr., Peter K. Joesten, and Jennifer G. Savoie ; prepared in cooperation with the Air Force Center for Environmental Excellence
Pubbl/distr/stampa	Storrs, Connecticut : , : U.S. Department of the Interior, U.S. Geological Survey, , 2001
Descrizione fisica	1 online resource (iv, 17 pages) : illustrations, map
Collana	Water-resources investigations report ; ; 00-4145
Soggetti	Hazardous waste site remediation - Massachusetts - Cape Cod Hazardous waste site remediation - Massachusetts - Massachusetts Military Reservation Chlorohydrocarbons - Environmental aspects - Massachusetts - Cape Cod Groundwater - Purification - Massachusetts - Cape Cod Hazardous waste sites - Massachusetts - Massachusetts Military Reservation Hydraulic fracturing Chlorohydrocarbons - Environmental aspects Groundwater - Purification Hazardous waste sites In situ remediation Radar in hydrology Massachusetts Military Reservation (Mass.) Environmental conditions Massachusetts Cape Cod
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (page 17).

2. Record Nr. UNINA9910367749803321

Autore	Lich Le Van
Titolo	Advances in Mechanical Problems of Functionally Graded Materials and Structures / Le Van Lich, Indra Vir Singh, Tiantang Yu, Tinh Quoc Bui
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783039216598 3039216597
Descrizione fisica	1 electronic resource (262 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The book deals with novel aspects and perspectives in functionally graded materials (FGMs), which are advanced engineering materials designed for a specific performance or function with spatial gradation in structure and/or composition. The contributions mainly focus on numerical simulations of mechanical properties and the behavior of FGMs and FGM structures. Several advancements in numerical simulations that are particularly useful for investigations on FGMs have been proposed and demonstrated in this Special Issue. Such proposed approaches provide incisive methods to explore and predict the mechanical and structural characteristics of FGMs subjected to thermoelectromechanical loadings under various boundary and environmental conditions. The contributions have resulted in enhanced activity regarding the prediction of FGM properties and global structural responses, which are of great importance when considering the potential applications of FGM structures. Furthermore, the presented scientific scope is, in some way, an answer to the continuous demand for FGM structures, and opens new perspectives for their practical use.