

1. Record Nr.	UNINA9910819582803321
Titolo	Mercury in the environment [[electronic resource] ] : pattern and process // edited by Michael S. Bank
Pubbl/distr/stampa	Berkeley, : University of California Press, 2012
ISBN	1-280-49213-9 9786613587367 0-520-95139-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (361 p.)
Classificazione	NAT010000
Altri autori (Persone)	BankMichael S
Disciplina	363.738/4
Soggetti	Mercury - Environmental aspects Mercury - Bioaccumulation Mercury - Toxicology Mercury - Health aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Mercury cycling in the environment -- pt. 2. Methods for research, monitoring, and analysis -- pt. 3. Mercury in terrestrial and aquatic environments -- pt. 4. Toxicology, risk analysis, humans, and policy.
Sommario/riassunto	"Mercury deposition and contamination is widespread and well documented, and it continues to be a public-health concern for certain sectors of the global human population in both developed and developing countries. This edited volume focuses on integrating the diverse sciences involved in the process of mercury cycling in the environment--from the atmosphere, through terrestrial and aquatic food webs, and human populations--to develop a comprehensive perspective on this important environmental pollutant. Using a systems-level approach, this book provides recommendations on mercury remediation, risk communication, education, and monitoring. In response to a growing need for understanding the cycling of this ubiquitous pollutant, the science of mercury has grown rapidly, expanding into several interdisciplinary fields and encompassing such disparate academic and scientific disciplines as biogeochemistry,

economics, sociology, public health, decision sciences, physics, global change, and mathematics. Only recently have scientists really begun to establish more holistic approaches to studying mercury pollution, giving rise to investigations that have furthered the integration of a multi-tiered approach, especially by using chemistry, biology, and human health sciences collectively. The study of mercury pollution has produced a variety of contributions to domestic and international policies related to the management of mercury in the environment"--

---