Record Nr. UNINA9910142515703321 Assessment and reclamation of contaminated land / / editors, R.E. Titolo Hester and R.M. Harrison Pubbl/distr/stampa Cambridge,: Royal Society of Chemistry, c2001 **ISBN** 1-84755-017-7 1-59124-419-6 Edizione [1st ed.] 1 online resource (180 p.) Descrizione fisica Collana Issues in environmental science and technology, , 1350-7583; ; 16 Altri autori (Persone) HesterR. E (Ronald E.) HarrisonRoy M. <1948-> Disciplina 363.73960941 Soil pollution - Great Britain Soggetti Soil pollution - Law and legislation - Great Britain Soil remediation - Great Britain Reclamation of land - Great Britain 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 CONTENTS: The Extent of Contaminated Land Problems and the Scientific Response; 1 The Origins of Contaminated Land Problems; 2 The Extent of the Challenge; 3 Developments in the Science Base; 4 Conclusions: 5 Acknowledgements: The New UK Contaminated Land Regime: 1 Introduction: 2 The Context for Part IIA: 3 The Part IIA System; 4 Dealing with 'Risk'; 5 Making People Pay; 6 Part IIA as a 'Regulatory System'; 7 The State of Play; 8 What Next?; Identifying and Dealing with Contaminated Land; 1 Introduction; 2 Site Assessment; 3 Risk Management; 4 Measurement of Site Contamination; 5 Conclusions Contaminated Land and the Link with Health1 Introduction; 2 Exposure; 3 Health Studies; 4 Case Studies; 5 Conclusion; Human Health Risk Assessment: Guideline Values and Magic Numbers; 1 Land Contamination Policy; 2 Risk Assessment; 3 What Is a Guideline Value?; 4 The Use of Guideline Values; 5 The CLEA Model; 6 The SNIFFER Framework; 7 Conclusions; 8 Acknowledgements; Ecological Risk Assessment under the New Contaminated Land Regime: 1 Background

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Sommario/riassunto

Contaminated land and the methods and legal controls governing its reclamation for subsequent development and use are of great current interest and concern. This volume covers aspects of this subject, ranging from the origins and extent of contaminated land problems, including effects on human health, through investigative measures, to specific techniques of remediation. It is written in the context of the new UK contaminated land regime and includes human and ecological risk assessment methodology, and the legal liabilities and insurance aspects of contaminated land. This authoritative review