Record Nr. UNINA9910317728803321 Autore Maria C. Hernandez-Soriano Titolo Environmental Risk Assessment of Soil Contamination / / edited by Maria C Hernandez Soriano Pubbl/distr/stampa IntechOpen, 2014 Croatia:,:IntechOpen,,2014 **ISBN** 953-51-4235-6 Edizione [1st ed.] Descrizione fisica 1 online resource (920 pages) Disciplina 333.714 Soggetti Environmental risk assessment Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto Soil is an irreplaceable resource that sustains life on the planet. challenged by food and energy demands of an increasing population. Therefore, soil contamination constitutes a critical issue to be addressed if we are to secure the life quality of present and future generations. Integrated efforts from researchers and policy makers are required to develop sound risk assessment procedures, remediation strategies and sustainable soil management policies. Environmental Risk Assessment of Soil Contamination provides a wide depiction of current research in soil contamination and risk assessment, encompassing reviews and case studies on soil pollution by heavy metals and organic pollutants. The book introduces several innovative approaches for soil remediation and risk assessment, including advances in phytoremediation and implementation of metabolomics in

soil sciences.