1. 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.

2. Record Nr. UNINA9910557613803321

Autore	Nicoletti Rosario
Titolo	Occurrence and Functions of Endophytic Fungi in Crop Species
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (202 p.)
Soggetti	Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In the past few decades, awareness of the basic role that endophytic fungi play in shaping the fitness of both wild and crop plants has increased significantly. The number of papers on the subject is so large that it is becoming difficult to have a complete overview of the state-of-the-art with reference to specific crops. In the absence of readily available documents providing circumstantial information on the endophytic assemblage of plants, the isolation of a certain fungal species may appear to be occasional or trivial; hence, many important findings are at risk of going unnoticed. This Special Issue aims to present a collection of papers dealing with the occurrence and functions of endophytic fungi in crop species. It may represent a useful tool for stakeholders in this particular research field, with a view to stimulating a more thorough consideration of the opportunities deriving from their discoveries.