1. Record Nr. UNICAMPANIASUN0040819

Autore	Seligman, Martin E. P.
Titolo	Imparare l'ottimismo : come cambiare la vita cambiando il pensiero / Martin E. P. Seligman ; presentazione di Gian Vittorio Caprara
Pubbl/distr/stampa	VII, 345 p. ; 23 cm
ISBN	88-09-20929-X
Edizione	[Firenze : Giunti]
Descrizione fisica	Trad. di Fulvia Innocenti.
Disciplina	158.1
Soggetti	Relazioni interpersonali Autocontrollo
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910253912103321

Titolo	Phytoremediation : Management of Environmental Contaminants, Volume 5 / / edited by Abid A. Ansari, Sarvajeet Singh Gill, Ritu Gill, Guy R. Lanza, Lee Newman
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-52381-3
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 514 p. 91 illus., 83 illus. in color.)
Disciplina	572.572
Soggetti	Botanical chemistry Plant ecology Plant physiology Soil science Environmental chemistry Pollution Plant Biochemistry Plant Ecology Plant Physiology Soil Science Environmental Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 Microbial Inoculants Assisted Phytoremediation for Sustainable Soil Management -- 2 Phytoremediation of Salt-Impacted Soils and Use of Plant Growth Promoting Rhizobacteria (PGPR) to Enhance Phytoremediation -- 3 Successful Integrated Bioremediation System of Hydrocarbon-Contaminated Soil at a Former Oil Refinery Using Autochthonous Bacteria and Rhizo-Microbiota -- 4 Phytoremediation of Petroleum Contaminated Soil in Association with Soil Bacteria -- 5 The Use of Higher Plants in Biomonitoring and Environmental Bioremediation. Possibilities of Woody Plants Use in Biomonitoring and Bioremediation -- 6 Phytoremediation Applications for Metal Contaminated Soils Using Terrestrial Plants in Vietnam -- 7 Essential

Elements and Toxic Metals in Some Crops, Medicinal Plants and Trees -- 8 Phytoremidiaion Using Aquatic Macrophytes -- 9 Remediation of Pharmaceutical and Personal Care Products (PPCPs) in Constructed Wetlands–Applicability and New Perspectives -- 10 Floating Wetlands for the Improvement of Water Quality and Provision of Ecosystem Services in Urban Eutrophic Lakes -- 11 Green Aquaculture: Designing and Developing Aquaculture Systems Integrated with Phytoremediation Treatment Options -- 12 Modeling the Phytoremediation: Concepts, Models and Approaches -- 13 Genetic Control of Metal Sequestration in Hyperaccumulator Plants -- 14 Engineered Nanomaterials for Phytoremediation of Metal/Metalloids Contaminated Soils: Implications for Plant Physiology -- 15 Phytoremediation Application: Plants as Biosorbent for Metal Removal in Soil and Water -- 16 Nutrient Management Strategies for Coping with Climate Change in Irrigated Smallholder Cropping Systems in Southern Africa -- 17 Phytoremediation of Landfill Leachates -- 18 Phytomining of Rare and Valuable Metals -- 19 Air Phytoremediation.

Sommario/riassunto

This text details the plant-assisted remediation method, “phytoremediation”, which involves the interaction of plant roots and associated rhizospheric microorganisms for the remediation of soil contaminated with high levels of metals, pesticides, solvents, radionuclides, explosives, crude oil, organic compounds and various other contaminants. Many chapters highlight and compare the efficiency and economic advantages of phytoremediation to currently practiced soil and water treatment practices. Volume 5 of Phytoremediation: Management of Environmental Contaminants provides the capstone of the series. Taken together, the five volumes provide a broad–based global synopsis of the current applications of phytoremediation using plants and the microbial communities associated with their roots to decontaminate terrestrial and aquatic ecosystems. .