

1. Record Nr.	UNISALENTO991000000319707536
Autore	Hensen, Steven
Titolo	Archivi, manoscritti e documenti : manuale di catalogazione per archivi storici, società storiche e biblioteche che possiedono manoscritti / Steven Hensen
Pubbl/distr/stampa	San Miniato : Archilab, 1996
Descrizione fisica	268 p. ; 24 cm.
Collana	Manuali ; 1
Disciplina	025.3414
Soggetti	Catalogazione - Manuali tecnici Archivi - Automazione
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910737300703321
Titolo	Plant-Based Remediation Processes // edited by Dharmendra Kumar Gupta
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	9783642355646 3642355641
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xii, 299 pages) : illustrations (some color)
Collana	Soil Biology, , 2196-4831 ; ; 35
Altri autori (Persone)	GuptaDharmendra Kumar
Disciplina	628.1/683
Soggetti	Plant physiology Soil science Agriculture Botanical chemistry Plant Physiology Soil Science Plant Biochemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	"ISSN: 1613-3382."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Phytoremediation protocols: An overview -- Protocols for applying phytotechnologies in metal contaminated soils -- Metal/metalloid phytoremediation: Ideas and future -- Remediation mechanisms of tropical plants for lead contaminated environment -- Impact of metal/metalloid contaminated areas on plant growth -- Metal remediation via in vitro root cultures -- Use of wetland plants in bioaccumulation of heavy metals -- A multi-disciplinary challenge for phytoremediation of metal-polluted pyrite waste -- Phyto-transport and assimilation of selenium -- Phytostabilization as soil remediation strategy -- Flax (<i>Linum usitatissimum</i> L.) and hemp (<i>Cannabis sativa</i> L.) as fibre crops for phytoextraction of heavy metals: Biological, agro-technological and economical point of view -- Transgenic approaches to enhance phytoremediation of heavy metal and metalloid polluted soils -- Phytoremediation towards the future: Focus on bioavailable contaminants.

Phytoremediation is an emerging technology that employs higher plants for the clean-up of contaminated environments. Basic and applied research have unequivocally demonstrated that selected plant species possess the genetic potential to accumulate, degrade, metabolize and immobilize a wide range of contaminants. The main focus of this volume is on the recent advances of technologies using green plants for remediation of various metals and metalloids. Topics include biomonitoring of heavy metal pollution, amendments of higher uptake of toxic metals, transport of heavy metals in plants, and toxicity mechanisms. Further chapters discuss agro-technological methods for minimizing pollution while improving soil quality, transgenic approaches to heavy metal remediation and present protocols for metal remediation via in vitro root cultures.
