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Nota di contenuto	About the Editors -- Assessment and Remediation of Soils Contaminated by Potentially Toxic Elements (PTE) -- Integrated Geochemical Assessment of Soils and Stream Sediments to Evaluate Source-Sink Relationships and Background Variations in the Parauapebas River Basin, Eastern Amazon -- Heavy Metals Contamination of Urban Soils-A Decade Study in the City of Lisbon, Portugal -- Phytoextraction of Heavy Metals by Various Vegetable Crops Cultivated on Different Textured Soils Irrigated with City Wastewater -- Spatial Analysis of Soil Trace Element Contaminants in Urban Public Open Space, Perth, Western Australia -- Initial Study on Phytoextraction for Recovery of Metals from Sorted and Aged Waste-to Energy -- Enhanced Lead Phytoextraction by Endophytes from Indigenous Plants -- Effect of Municipal Solid Waste Compost on Antimony Mobility, Phytotoxicity and Bioavailability in Polluted Soils -- Evaluating Potential Ecological Risks of Heavy Metals of Textile Effluents and Soil Samples in Vicinity of Textile Industries -- Investigating Lead Bioavailability in a Former Shooting Range by Soil Microanalyses and Earthworms Tests -- Prospects for the Use of Echinochloa frumentacea for Phytoremediation of Soils with Multielement Anomalies.
Sommario/riassunto	Many soils worldwide are contaminated with potentially toxic elements (PTEs). These elements can be taken up by plant roots and accumulate in plants' organs, thus becoming a danger for the health of humans and animals. Therefore, it is still essential and urgent to understand the

behavior of such contaminants in soil and find sustainable approaches to reduce the risk posed by their presence in soil systems. This volume contains ten original research articles. Four articles deal with the assessment of bioavailability of PTEs in contaminated soils, three articles report results on the application of phytoremediation to PTEs contaminated soils, one paper is related to the source-sink relationships of PTEs at basin scale, and two manuscripts address the issue of PTE contamination in urban soils.