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Editor:

David W.M. Leung
New Zealand

eISBN: 978-1-60805-787-0

Recent Advances Towards Improved Phytoremediation of Heavy Metal Pollution

www.benthamscience.com/ebooks/9781608057870

About the ebook

Heavy metal pollution represents a global challenge to both public health and environmental sustainability. Any means to reduce heavy metal pollution in the environment is of considerable economic significance. The use of green plants to clean up heavy metal pollution is an environmentally friendly as well as a low-cost approach to the problem. This plant-based biotechnology is commonly known as 'phytoremediation'.

Contents

- ▶ Chelate-Assisted Phytoremediation of Lead
- ▶ Effect of Nitric Oxide Donors on Metal Toxicity in Plants
- ▶ Metal Hyperaccumulating Ferns: Progress and Future Prospects
- ▶ *Thlaspi caerulescens* and/or Related Species: Progress and Future Prospects
- ▶ From *Arabidopsis thaliana* to Genetic Engineering for Enhanced Phytoextraction of Soil Heavy
- ▶ Phytomanagement of Contaminated Sites Using Poplars and Willows

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