



# Phytotechnologies: Remediation of Environmental Contaminants

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**Phytotechnologies: Remediation of Environmental Contaminants** From CRC Press

**Phytotechnologies: Remediation of Environmental Contaminants** highlights the use of natural and inherent traits of plants and associated microbes to exclude, accumulate, or metabolize a variety of contaminants, with the goal of efficiently and sustainably decontaminating the biosphere from unwanted hazardous compounds. Contributed by an international team of authors, the book ensures a balance between theory and practice without compromising the basic conceptual framework of *Phytotechnologies*.

Divided into three major sections, the book:

- Introduces contaminants and contaminated sites, and also highlights the significance of genus *Brassica* and vetiver grass species for varied environmental contaminants' remediation
- Presents an exhaustive exploration of potential strategies for enhancing plants and associated microbes-mediated environmental contaminants' remediation
- Overviews major physiological, biochemical, and genetic-molecular mechanisms responsible for plant tolerance and adaptation to varied environmental contaminants

A one-stop source of cutting edge answers and time-saving access, **Phytotechnologies: Remediation of Environmental Contaminants** is a common platform for engineers, environmental microbiologists, plant physiologists, and molecular biologists with the common aim of sustainable solutions to vital environmental issues.

In short, the book provides a conceptual overview of ecosystems approaches and phytotechnologies, and their cumulative significance in relation to various environmental problems and potential solutions.

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## **Editorial Review**

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