

Empyrean Press Book Publication House
Green Remedies: Sustainable Bioremediation Methods

ISBN Number: 978-81-979332-1-9

Call for Book Chapter

Scope- The Book “Green Remedies: Sustainable Bioremediation Methods” delves deeply into nature-based environmental cleanup options, with a focus on phyto-remediation, microbial, and fungal treatments. It emphasizes the efficacy of employing plants, bacteria, and enzymes to detoxify polluted surroundings, hence providing sustainable alternatives to established approaches. The book tackles major environmental issues such as industrial pollution and oil spills using scientific research and practical applications. It is intended for scientists, researchers, and politicians, with the goal of promoting green technology for ecological restoration and sustainability.

Submissions are accepted in the following areas, but not limited to:

- i. Bioremediation, bioremediation processes, sustainable remediation
- ii. Microbial bioremediation: Role of bacteria and fungi
- iii. Phytoremediation: Plants as natural cleansers
- iv. Bioremediation using algae: Potential in aquatic environments.
- v. Bioaccumulation and biosorption process
- vi. Environmental Applications of Bioremediation

- vii. Emerging Techniques in Bioremediation
- viii. Genetic engineering for enhanced Bioremediation
- ix. Use of nanotechnology in improving bioremediation efficiency
- x. Challenges in Bioremediation- Technical, Ecological and monitoring and controlling bioremediation processes
- xi. Sustainability and Future Prospects- Policy and regulatory frameworks for sustainable bioremediation.
- xii. The Role of Innovation in Environmental Remediation
- xiii. Steps toward Global Adoption of Bioremediation Practices

Submission - Please send the one-page write-up, which includes the chapter title, an abstract (maximum 250 words), five key words, and the author's affiliation, to the mentioned email address. Further instructions regarding the full chapter submission will be provided upon acceptance.

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Submission Information

Submission email –

info.empyreanpress@gmail.com

Contact No & Whatsapp- +919649851557

Important Dates-

Abstract Submission Deadline- 30/10/2024

Acceptance Notification- 5/11/2024

Chapters Submission- 20/11/2024

Editor

Dr. Garima Sharma

Associate Professor

Apex University..

Jaipur