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Autore	Roy Arpita
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Altri autori (Persone)	BhatRouf Ahmad DarGowhar Hamid
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Soggetti	Soil science Agriculture Bioremediation Environmental policy Biotic communities Pollution Soil Science Environmental Biotechnology Environmental Policy Ecosystems
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Livello bibliografico	Monografia
Nota di contenuto	Fundamentals of biochar production -- Physical and chemical properties of biochar -- Agricultural wastes for production of biochar -- Production of biochar from sludge and its environmental applications -- Production of biochar from algal biomass and their applications -- Production of biochar from plant biomass and their applications -- Biochar is a solution for pharmaceutical waste disposal -- Removal of inorganic compounds from soil using biochar -- Removal of anionic contaminants using biochar application -- Decontamination of Inorganic and Organic Compounds from Wastewater using Biochar -- Environmental compatibility of biochar -- Polycyclic aromatic hydrocarbons and their remediation by biochar --

Biochar a futuristic approach for heavy metal remediation from waste water -- Trends and challenges in production of biochar -- Significance of biochar application to economy and environment.

Sommario/riassunto

“Biochar Production Engineering - Innovative Technology for Environmental Decontamination” covers biochar production from different materials. The book discusses comprehensively the compatibility of biochar for cleaning up contamination from different environments. In addition, the book also reconnoiters various eco-friendly, economical, and aesthetically acceptable biochar-based decontamination technologies. The book alluringly highlights the cutting-edge investigation in this field and provides intriguing data on the biochar application for the treatment of various kinds of pollutants to restore the ecosystem features and consequently reveal newfangled scopes of biochar application. Key Features Provides various methods and strategies for biochar production from different raw materials and their physicochemical properties. Investigation in relation to compatibility of biochar as pollution decontamination tool. Address current trends and challenges related to the biochar production and economic aspects of biochar and its use in pollution remediation.