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Altri autori (Persone)	LoriaNancy
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Nota di contenuto	-- 1.Introduction. -- 2.Carbon Farming. -- 3.Soil Health and Carbon Sequestration. -- 4.Carbon Farming Techniques. -- 5.Carbon Farming Among Diverse Agricultural Systems. -- 6.Measuring and Monitoring Soil Carbon Sequestration. -- 7.Quantifying Soil Organic Carbon Stocks. -- 8.Carbon Trading. -- 9.The Role of Technology in Carbon Farming. -- 10.Global Perspectives on Carbon Farming.
Sommario/riassunto	In a world grappling with the pressing challenges of climate change and sustainable food production, "Carbon Farming" emerges as a transformative concept with far-reaching implications. Carbon farming, a cornerstone of sustainable agriculture dedicated to actively sequestering carbon from the atmosphere and securely storing it within vegetation and soil, also creates another income stream for farmers and ranchers. It's more than just an ecological solution; it's a holistic approach that integrates social, environmental, and economic development. It is also the foundation stone for achieving Sustainable Development Goals of the Agenda 2030 of the United Nations. The

book confronts a series of captivating questions that arise when focusing on increasing soil carbon through Sustainable Agricultural Practices. Through a series of meticulously crafted chapters, the book unravels the potential impact of carbon farming on soil health, the carbon cycle, and the broader global environment. The book navigates through a diverse array of carbon farming techniques, from conservation and regenerative agriculture to agroecology, agroforestry and composting. It provides practical insights, supported by compelling case studies, showcasing successful implementations of these practices in real-world agricultural contexts. Readers are equipped with a toolkit of effective carbon farming strategies, offering a valuable resource for those seeking to adopt sustainable and climate-resilient farming practices. This book is not just a resource; it's a call to action. It's an invitation to be part of a movement that has the power to transform agriculture and safeguard our planet for generations to come. Join us in the journey of understanding, implementing, and advocating for carbon farming—a practice that holds the key to a more sustainable and resilient future.
