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Descrizione fisica	1 online resource (443 p.)
Collana	Advances in soil science
Altri autori (Persone)	RooseEric
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Sommario/riassunto	The most complete, nonpartisan source of information available today on this hot agronomic topic, this book brings together a diverse group of papers and data to resolve the debate between sedimentologists, soil scientists, and agronomists over whether the effects of soil erosion on carbon and atmospheric CO ₂ is beneficial or destructive. Divided into four sections, it offers data on how soil erosion affects soil, water, and air quality. Important topics include solubilization, mineralization rate, carbon transfer, and sediment deposition, as well as carbon dioxide emissions, global warming po