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Collana	Handbook of Soil Science
Altri autori (Persone)	HuangP. M LiYuncong SumnerM. E <1933-> (Malcolm E.)
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	Physicochemical and Biological Reactions on Transport of Nutrients and Pollutants in the Critical Zone Chapter 11: Bioavailability of N, P, K, Ca, Mg, S, Si, and MicronutrientsChapter 12: Soil Acidity and Liming; Chapter 13: Soil
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	Chapter 25: Conservation TillageChapter 26: Soil Quality; Chapter 27: Qualitative and Quantitative Aspects of World and Regional Soil Databases and Maps; Chapter 28: United States Soil Survey Databases; Chapter 29: Integrated Digital, Spatial, and Attribute Databases for Soils in Brazil; Chapter 30: Development and Use of Soil Maps and Databases in China; Chapter 31: Soil Geographic Database of Russia; Chapter 32: Soil Databases in Africa; Chapter 33: Learning about Soil Resources with Digital Soil Maps; Back Cover
Sommario/riassunto	An evolving, living organic/inorganic covering, soil is in dynamic equilibrium with the atmosphere above, the biosphere within, and the geology below. It acts as an anchor for roots, a purveyor of water and nutrients, a residence for a vast community of microorganisms and animals, a sanitizer of the environment, and a source of raw materials for construction and manufacturing. To develop lasting solutions to the challenges of balanced use and stewardship of the Earth, we require a fundamental understanding of soil-from its elastic, porous three-phase system to its components, processes, and re