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Collana	Gale eBooks
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	 Decreased organic carbon associated with land management in Mediterranean environments / Javier Jerez Escolano [and four others] Effect of land use on organic carbon distribution in a North African region : Tunisia case study / Nadhem Brahim, Hatem Imbrahim 3. Organic carbon stocks in all pools following land cover change in the rainforest of Madagascar / Mieja Razafindrakota [and eighteen others] - 4. Soil carbon dynamics under different land uses in dryland Mediterranean conditions / Jorge Alvaro-Fuentes [and four others] Short-term effects of tillage practices and crop residue exportation on soil organic matter and earthworm communities in silt loam arable soil / Aboulkacem Lemtiri [and nine others] 6. Soil carbon and nitrogen dynamics in a tropical peatland / Adesiji R. Adeolu [and five others] 7. Carbon and nitrogen sequestration potential of Mediterranean green roofs prototypes / Sara Ondono, Juan Jose Martinez-Sanchez, Jose Luis Moreno 8. Soil organic matter accumulation in postmining sites : potential drivers and mechanisms / Jan Frouz, Olga Vinduskova 9. Role of carbonates in the physical stabilization of soil organic matter in agricultural Mediterranean soils / Inigo Virto [and three others] 10. Effects of carbon inputs on

1.

	chemical and microbial properties of soil in irrigated and rainfed olive groves / Victor Kavvadias [and seven others] 11. Dynamics of carbon and nitrogen in agricultural soils : role of organic and inorganic sources / Shyam Prasad Majumder [and five others] 12. Nitrogen dynamics and leaching in calcareous soils amended with pig slurry / Melisa Gomez-Garrido [and four others] 13. Nitrogen dynamics in agricultural soils amended with sewage sludge / Wanderley J. de Melo [and four others] 14. Impacts of raw and purified pig slurry on carbon and nitrogen contents in Mediterranean agricultural soil / Martire A. Terrero [and three others] 15. Do crop rotations improve the adaptation of agricultural systems to climate change? A modeling approach to predict the effect of durum wheat-based rotations on soil organic carbon and nitrogen / Roberta Farina [and five others] 16. Managing forest soils for carbon sequestation : insights from modeling forests around the globe / Juan A. Blanco 17. Soil organic matter and nutrient dynamics following different management of crop residues at two sites in Austria / Heide Spiegel [and five others] 18. MURASOC, a metaanalysis to test the ffects of independent variables on soil organic carbon : application to Mediterranean areas / Alfonso Olaya-Abril [and three others] 19. Soil CO2 emissions in a long-term tillage treatment experiment / Eszter Toth [and fiver others] 20 Land use and land cover transition in Brazil and their effects on greenhouse gas emissions / Eraclito R. de Sousa-Neto [and four others] 21. Crop residue management and greenhouse gases emissions in tropical rice lands / Pratap Bhattacharyya, Dhananjay Barman 22. Understanding the complex interaction between soil N availability and soil C dynamics under changing climate conditions / Pratap Srivastava [and four others] 23. Climate-smart soil management in semiarid regions / Noelia
Sommario/riassunto	Soil Management and Climate Change: Effects on Organic Carbon, Nitrogen Dynamics, and Greenhouse Gas Emissions provides a state of the art overview of recent findings and future research challenges regarding physical, chemical, and biological processes controlling soil carbon, nitrogen dynamics and greenhouse gas emissions from soils