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Nota di contenuto Front cover; Title page; Copyright page; Table of contents; Preface to

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Mycorrhizal Structure and Function; Ecosystem-Level Consequences of ECM Function; Actinorhiza; Carbon Allocation in the Root/Rhizosphere; Carbon Allocation Costs of Development and Maintenance of Symbiotic Associations with Roots; Future Directions for Research on Roots and Mycorrhizal Function and Biodiversity; Summary; 3 Secondary Production: Activities of Heterotrophic Organisms-Microbes;

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Sommario/riassunto

This fully revised and expanded edition of Fundamentals of Soil Ecology continues its holistic approach to soil biology and ecosystem function. Students and ecosystem researchers will gain a greater understanding of the central roles that soils play in ecosystem development and function. The authors emphasize the increasing importance of soils as the organizing center for all terrestrial ecosystems and provide an overview of theory and practice of soil ecology, both from an ecosystem and evolutionary biology point of view. This volume contains updated and greatly expanded coverage of all be