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Descrizione fisica	1 online resource (X, 223 p. 61 illus., 43 illus. in color.)
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Nota di contenuto	1. Introduction: Randall W. Myster -- 2. Dynamics of Andean Treeline Ecotones: Between Cloud Forest and Páramo Geocritical Tropes. Fausto O. Sarmiento -- 3. ANÁLISIS REGIONAL EN ECOSISTEMAS DE MONTAÑA EN COLOMBIA:Una mirada desde la funcionalidad del paisaje y los servicios ecosistémicos. Paola Isaacs-Cubides, Julián Díaz and Tobias Leyva-Pinto -- 4. Ecohydrology of Tropical Andean Cloud Forests. Conrado Tobon Martin -- 5. Litterfall in Andean forests: Quantity, composition, and environmental drivers. Wolfgang Wilcke -- 6. Arbuscular Mycorrhizal Fungi and Ectomycorrhizas in the Andean Cloud Forest of South Ecuador. Ingeborg Haug, Sabrina Setaro, Juan Pablo Suárez -- 7. Nesting ecology of the Tucuman Amazon (Amazona tucumana) in the cloud forest of Northwestern Argentina. Luis Rivera and Natalia Politi -- 8. Adaptive strategies of frugivore bats to Andean cloud forests. Adriana Ruiz and Pascual J. Soriano -- 9. Diversification and dispersal of Neotropical fauna: Processes and patterns in Andean species diversity. Juan C. Garcia-Ramirez and Angela M. Mendoza-Henao -- 10. Mapping Hydrological Ecosystem Services and Impacts of Scenarios for Deforestation and Conservation of Lowland, Montane and Cloud-Affected Forests. Mark Mulligan -- 11. Randall W. Myster. Conclusions, synthesis and future directions.
Sommario/riassunto	A book focused solely on Andean Cloud Forests (ACF) has never been

published. ACF are high biodiversity ecosystems in the Neotropics with a large proportion of endemic species, and are important for the hydrology of entire regions. They provide water for large parts of the Amazon basin, for example. Here I take advantage of my many years working in ACF in Ecuador, to edit this book that contains the following sections: (1) ACF over space and time, (2) Hydrology, (3) Light and the Carbon cycle, (4) Soil, litter, fungi and nutrient cycling, (5) Plants, (6) Animals, and (7) Human impacts and management. Under this premise, international experts contributed chapters that consist of reviews of what is known about their topic, of what research they have done, and of what needs to be done in the future. This work is suitable for graduate students, professors, scientists, and researcher-oriented managers.

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