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Autore	Rollinson Hugh R (Hugh Richard), <1949->
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Nota di bibliografia	Includes bibliographical references (p. [245]-273) and index.
Nota di contenuto	The Earth system -- The origin and differentiation of the Earth -- The evolution of the Earth's mantle -- The origin of the continental crust -- The origin of the Earth's atmosphere and oceans -- The origin of life.
Sommario/riassunto	Early Earth Systems provides a complete history of the Earth from its beginnings to the end of the Archaean. This journey through the Earth's early history begins with the Earth's origin, then examines the evolution of the mantle, the origin of the continental crust, the origin and evolution of the Earth's atmosphere and oceans, and ends with the origin of life. Looks at the evidence for the Earth's very early differentiation into core, mantle, crust, atmosphere and oceans and how this differentiation saw extreme interactions within the Earth system. Discusses Archaea