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Autore	Bradley Raymond S. <1948->
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Descrizione fisica	1 online resource (xx, 675 pages) : illustrations, maps (some color) ;
Disciplina	551.609/01
Soggetti	Paleoclimatology - Quaternary Geology, Stratigraphic - Quaternary
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references (pages 559-665) and index.
Nota di contenuto	; Machine generated contents note: Introduction -- Sources of Paleoclimatic Information -- Levels of Paleoclimatic Analysis -- Modeling in Paleoclimatic Research -- The Nature of Climate and Climatic Variation -- The Climate System -- Feedback Mechanisms -- Energy Balance of the Earth and Its Atmosphere -- Timescales of Climatic Variation -- Variations of the Earth's Orbital Parameters -- Solar Forcing -- Volcanic Forcing -- Introduction and Overview -- Radioisotopic Methods -- Radiocarbon Dating -- Potassium-Argon Dating (40K/40Ar) -- Uranium-Series Dating -- Luminescence Dating: Principles and Applications -- Surface Exposure Dating -- Fission-Track Dating -- Paleomagnetism -- The Earth's Magnetic Field -- Magnetization of Rocks and Sediments -- The Paleomagnetic Timescale -- Geomagnetic Excursions -- Relative Paleointensity Variations -- Secular Variations of the Earth's Magnetic Field -- Dating Methods Involving Chemical Changes Amino Acid Dating -- Obsidian Hydration Dating -- Tephrochronology -- Biological Dating Methods -- Lichenometry -- Dendrochronology -- Introduction -- Stable Isotope Analysis -- Stable Isotopes in Water: Measurement and Standardization -- Oxygen-18 Concentration in Atmospheric Precipitation -- Factors Affecting the Stable Isotope Record in Ice Cores -- Deuterium Excess -- Dating Ice Cores -- Radioisotopic Methods -- Seasonal Variations and Episodic Events --

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