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Titolo	Marine Isotope Stage 3 in Southern South America, 60 KA B.P.-30 KA B. P. // edited by Germán Mariano Gasparini, Jorge Rabassa, Cecilia Deschamps, Eduardo Pedro Tonni
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ISBN	3-319-40000-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (VIII, 354 p. 117 illus., 85 illus. in color.)
Collana	Springer Earth System Sciences, , 2197-9596
Disciplina	551.4601
Soggetti	Geochemistry Climate change Geology Climate Change
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	MIS 3: an introduction -- High climatic variability during MIS 3: Heinrich and Dansgaard/Oeschger paleoclimatic events -- Review of MIS3 climatic variability: main characteristics and potential forcings -- On the origin of the Dansgaard-Oeschger cycles and its time variability -- Active exhumation in southern South America during the Late Cenozoic: a review about its development and mechanisms -- Possible connection between the Earth magnetic field and climate change during MIS 3 and MIS 5 -- Stratigraphic and geomorphological aspects of the eastern region of Buenos Aires province during Marine Isotope Stage 3 -- Paleoenvironmental and paleoclimatic conditions during MIS 3 in the larger fluvial basins of the northeastern -- Pampean region of Buenos Aires Province, Argentina -- The continental record of MIS 3 across central Argentina -- Continental vertebrates during Marine Isotope Stage 3 (MIS3) in Argentina.
Sommario/riassunto	This book presents isotope data reflecting changes in temperature derived from core samples in South America. Marine Isotope Stage (MIS) is examined in detail with respect to Stage 3. With over 20 chapters, this detailed treatise discusses high climatic variability, paleoclimatic

events, Dansgaard-Oeschger cycles, continental vertebrates, sea level changes, vegetation and climate changes based on pollen records, and the non-Amazon landscape and fauna from 65 to 20 ka B.P. The book also looks at the earth's magnetic field and climate change during MIS 3 and MIS 5 and presents a comparison between both stages with respect to marine deposits in Uruguay. With case studies drawn from Brazil, Argentina and Uruguay this book presents research from the some of the worlds experts in this field.
