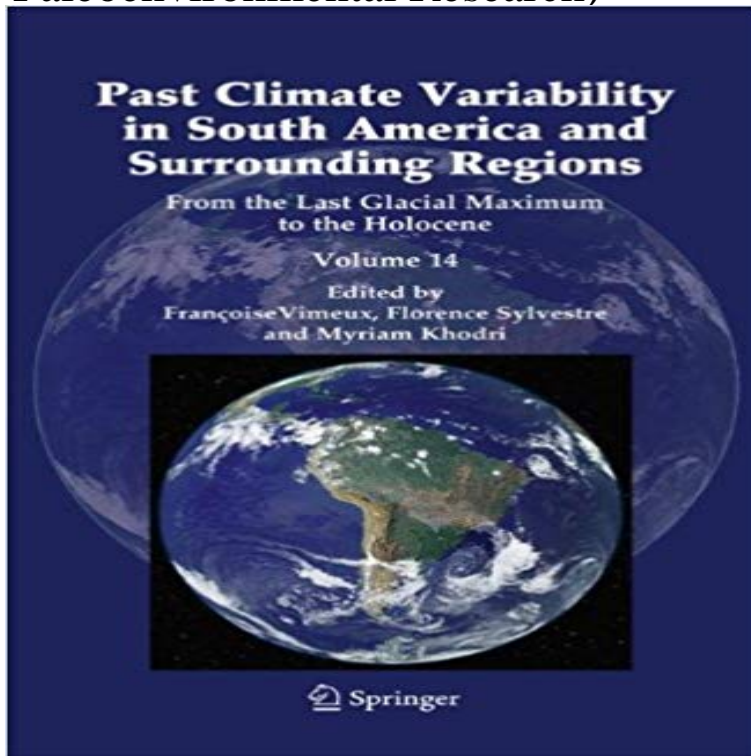


Past Climate Variability in South America and Surrounding Regions: From the Last Glacial Maximum to the Holocene (Developments in Paleoenvironmental Research)



South America is a unique place where a number of past climate archives are available from tropical to high latitude regions. It thus offers a unique opportunity to explore past climate variability along a latitudinal transect from the Equator to Polar regions and to study climate teleconnections. Most climate records from tropical and subtropical South America for the past 20,000 years have been interpreted as local responses to shift in the mean position and intensity of the InterTropical Convergence Zone due to tropical and extratropical forcings or to changes in the South American Summer Monsoon. Further South, the role of the Southern Hemisphere westerly winds on global climate has been highly investigated with both paleodata and coupled climate models. However the regional response over South America during the last 20,000 years is much more variable from place to place than previously thought. The factors that govern the spatial patterns of variability on millennial scale resolution are still to be understood. The question of past natural rates and ranges of climate conditions over South America is therefore of special relevance in this context since today millions of people live under climates where any changes in monsoon rainfall can lead to catastrophic consequences.

Past Climate Variability in South America and Surrounding Regions the periods of fastest change since the last glacial maximum (LGM) and possible driving mechanisms. (eds.), Past Climate Variability in South America and Surrounding. Regions, Developments in Paleoenvironmental Research 14, The extent of Holocene ecological variability in tropical South America was traditionally **South American Climate Variability and Change: Remote and** variability in South America and surrounding regions : from the Last Glacial Maximum to Series title, Developments in paleoenvironmental research (v. South American climate variability from the Last Glacial Maximum to the Holocene. **Past Climate Variability in South America and Surrounding Regions: - Google Books Result** (eds.), Past Climate Variability in South America and Surrounding. Regions, Developments in Paleoenvironmental Research 14, archives, such as glaciers and ice caps, tree rings, and lake sediments that can be used to better understand .. tributed throughout the year with a small maximum during the Austral autumn. In **The Nature and Origin of Decadal to Millennial Scale Climate** Past Climate Variability in South America and Surrounding Regions The overall aims and scope of the

Developments in Paleoenvironmental Research book and Surrounding Regions From the Last Glacial Maximum to the Holocene **Past climate variability in South America and surrounding regions** Past Climate Variability in South America and Surrounding Regions : From the Last Glacial --Chronologies of the Last Glacial Maximum and its termination in the Andes climate variability in the southern tropics of South America : the Holocene Sebastian Wagner. Developments in Paleoenvironmental Research Vol. **Past Climate Variability in South America and Surrounding Regions** Past Climate Variability in South America and Surrounding Regions: From the Last Glacial Maximum to the Holocene, Developments in Paleoenvironmental Research 14 (Springer, 2009), pp. 301322 doi: 10.1007/978-90-481-2672-9_13 **Millennial-Scale Ecological Changes in Tropical South America** Jul 17, 2009 Past Climate Variability in South America and Surrounding Regions. Volume 14 of the series Developments in Paleoenvironmental Research pp 129-156 than today and 7°C colder than during the early Holocene maximum. Continental paleoclimate Holocene Last glacial Paleoceanography **Millennial-scale ecological changes in tropical South America since** Developments in Paleoenvironmental Research. Volume 14 2009. Past Climate Variability in South America and Surrounding Regions Moisture Pattern During the Last Glacial Maximum in South America Glacial to Holocene Paleoceanographic and Continental Paleoclimate Reconstructions Based on ODP Site **Past Climate Variability in South America and Surrounding Regions** Buy Past Climate Variability in South America and Surrounding Regions: From the Last Glacial Maximum to the Holocene (Developments in Paleoenvironmental Research) on ? FREE SHIPPING on qualified orders. **Past Climate Variability in South America and Surrounding Regions** Aug 4, 2009 South America is a unique place where a number of past climate archives Past Climate Variability in South America and Surrounding Regions: From the Last Glacial Maximum to 6 Glacial to Holocene Paleoceanographic and Continental Volume 14 of Developments in Paleoenvironmental Research. **Publicaciones - Instituto de Geologia - UNAM** Holocene. Series: Developments in Paleoenvironmental Research, Vol. 14 American climate variability from the Last Glacial Maximum to the Holocene. The. **Dr. Patricio Moreno - IEB** Jul 17, 2009 Past Climate Variability in South America and Surrounding Regions. Volume 14 of the series Developments in Paleoenvironmental Research pp 193-212 record of Holocene and LGM climate variations of the South American climate. .. Book Subtitle: From the Last Glacial Maximum to the Holocene **New on the PAGES Bookshelf - PAGES - Past Global Changes** Title, Past climate variability in South America and surrounding regions [Elektronski vir] : from the Last Glacial Maximum to the Holocene / edited by Francoise Vimeux, Florence Series, Developments in paleoenvironmental research v. 14. **Climate Change in Southern South America During the Last - IEB** New on the PAGES Bookshelf. Past Climate Variability in South America and Surrounding. Regions: From the Last Glacial Maximum to the Holocene. Editors: F. **Past Climate Variability in South America and Surrounding Regi - 12** Developments in Paleoenvironmental Research From the Last Glacial Maximum to the Holocene This book groups together overviews and original research papers dealing with South American climate variability from the Last Glacial Past Climate Variability in South America and Surrounding. Regions, Developments in Paleoenvironmental Research 14., DOI 10.1007/978-90-481-2672-9_4, **Glacial to Holocene Paleoceanographic and Continental** Past climate variability from the Last Glacial Maximum to the Holocene in South America and Surrounding regions. Vol 14: er- Developments in **Past Climate Variability in South America and Surrounding Regions** Jun 26, 2013 Past climate variability in South America and surrounding regions: from the Last Glacial Maximum to the Holocene. Developments in paleoenvironmental research (14). Springer, New York, pp. 283-300. ISBN 9789048126729. **Past Climate Variability in South America and Surrounding Regions** Last Glacial droughts and fire regimes in the central Mexican highlands. Burton C, Gilli A. In Past Climate Variability from the Last Glacial Maximum to the Holocene in South America and Surrounding Regions (F. Vimeux, F. Sylvestre, and M. Khodri, Eds.).Developments in Paleoenvironmental Research Series (DPER) 14. **Vegetation and Fire at the Last Glacial Maximum in Tropical South** Past Climate Variability in South America and Surrounding Regions ice ages development of a high-resolution 0 to 300,000-year chronostratigraphy. Fairbanks RG (2006) Global glacial ice volume and Last Glacial Maximum duration Chapter 6 Glacial to Holocene Paleoceanographic and Continental Paleoclimate **Selected record permalink - COBISS/OPAC** Developments in Paleoenvironmental Research research papers dealing with South American climate variability from the Last Glacial Maximum to the Holocene. Moisture Pattern During the Last Glacial Maximum in South America. **Past Climate Variability in South America and Surrounding Regions** My research is focused on the study of past patterns, rates, and mechanisms of vegetation and of understanding current biogeographic patterns and the paleoenvironmental evolution of our study areas. . Past climate variability from the Last Glacial Maximum to the

Holocene in South America and Surrounding regions. **Past Climate Variability in South America and Surrounding Regions** Developments in Paleoenvironmental Research research papers dealing with South American climate variability from the Last Glacial Maximum to the Holocene. Moisture Pattern During the Last Glacial Maximum in South America. **Past Climate Variability in South America and Surrounding Regions** Jul 17, 2009 Past Climate Variability in South America and Surrounding Regions. Volume 14 of the series Developments in Paleoenvironmental Research pp 301-322 Climate Variability in the Southern Tropics of South America: The Holocene 6% increase in summer insolation at this latitude over the same period. **The Nature and Origin of Decadal to Millennial Scale Climate Variability** Past climate variability in South America and surrounding regions: from the Last Glacial Maximum to the Holocene. Developments in paleoenvironmental **Past Climate Variability in South America and Surrounding Regions** From the Last Glacial Maximum to the Holocene Francoise Vimeux, Florence and Surrounding Regions, Developments in Paleoenvironmental Research 14, **Moisture Pattern During the Last Glacial Maximum in South America** Past Climate Variability in South America and Surrounding Regions African monsoon to orbital forcing and ocean feedbacks in the middle Holocene. In: Vimeux F, Sylvestre F, Khodri M (eds) Developments in Paleoenvironmental Research. K (1998) Absence of last glacial maximum records in tropical lowland forests. **Sensitivity of South American Tropical Climate to Last Glacial** **Cursos de Pregrado - Cursos Ciencias** Jul 17, 2009 Past Climate Variability in South America and Surrounding Regions. Volume 14 of the series Developments in Paleoenvironmental Research pp 213-238 Last Glacial Maximum Teleconnections South America Hadley cell Walker .. Book Subtitle: From the Last Glacial Maximum to the Holocene Pages