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Altri autori (Persone)	ChiangJohn C. H HemmingSidney R SchmittnerAndreas
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Modulated by the Orbital Insolation?

¹⁴C Reservoir Ages Show Deglacial Changes in Ocean Currents and Carbon Cycle Phasing of Millennial Climate Events and Northeast Atlantic Deep-Water Temperature Change Since 50 ka BP; Mechanisms for an ~7-kyr Climate and Sea-Level Oscillation During Marine Isotope Stage 3; North Atlantic Intermediate Depth Variability During the Younger Dryas: Evidence From Benthic Foraminiferal Mg/Ca and the GFDL R30 Coupled Climate Model; Section 6. Impact on Climate, Ecosystems, and Biogeochemical Cycles; Musings About the Connection Between Thermohaline Circulation and Climate
Millennial-Scale Interhemispheric Asymmetry of Low-Latitude Precipitation: Speleothem Evidence and Possible High-Latitude Forcing
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Toward Greenhouse Gas Stabilization
Projected Strengthening of the Southern Ocean Winds: Some Implications for the Deep Ocean Circulation
Effect of the Greenland Ice-Sheet Melting on the Response and Stability of the AMOC in the Next Centuries

Sommario/riassunto

Published by the American Geophysical Union as part of the Geophysical Monograph Series, Volume 173. The ocean's meridional overturning circulation (MOC) is a key factor in climate change. The Atlantic MOC, in particular, is believed to play an active role in the regional and global climate variability. It is associated with the recent debate on rapid climate change, the Atlantic Multi-Decadal Oscillation (AMO), global warming, and Atlantic hurricanes. This is the first book to deal with all aspects of the ocean's large-scale meridional overturning circulation, and is a coh
