Early Deglacial AMOC Decline and its Role for Atmospheric CO₂ Rise Inferred from Carbon Isotopes



Fig. 1: Timeseries of forcing (A) and AMOC (B), CO₂ (C), industrial conditions: FW0.05 (blue), FW0.1 (green), FW0.15 (red), and FW0.2 (cyan). Symbols and grey bar with black line show ice core data (bottom time scale). Note that absolute scales are different for model (left) and observations in (C), but the range is the same.





Fig. 7: Vertical profiles of carbon isotopes along the Brazil Margin from sediment data (dashed) and model FW0.15 (solid).

Andreas Schmittner, College of Earth, Ocean, and Atmospheric Sciences, Oregon State University David Lund, Department of Marine Sciences, University of Connecticut

Fig. 6: Sections of changes in carbon isotopes between the Last Glacial Maximum (19-20 ka BP) and HS1 (15.5-16.5 ka BP) from sediment data (top) and experiment FW0.15 (bottom). Note that while the pattern of changes is similar the

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