

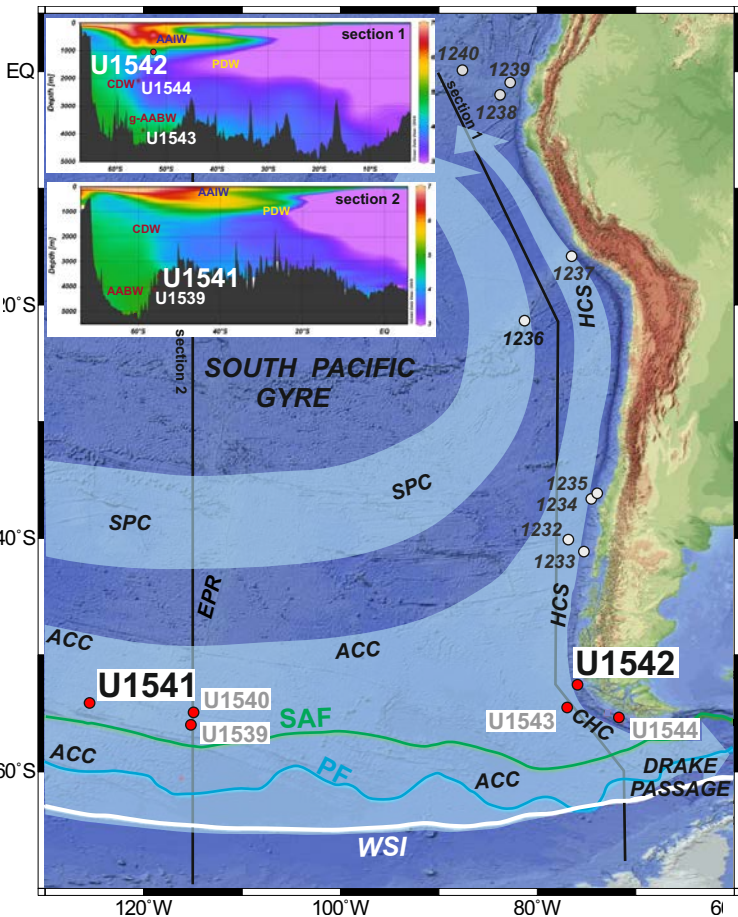
# Dynamics of Surface to Intermediate/Mode Water in the Pleistocene Subantarctic Pacific (IODP Expedition 383 DYNAPACC)



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Our objectives are to understand and quantify

(1) Meridional and zonal upper ocean dynamics across the Mid-Pleistocene Transition (MPT) and Mid-Brunhes Event (MBE): long-term vs. threshold changes

(2) Role of SOIW in ocean biogeochemical cycles and ocean-atmosphere carbon exchange across key intervals of the past 1.5 Ma

(3) The Ocean Tunnel – SOIW meridional changes and inter-hemispheric links

