



Figure 12. Data collected during the JGOFS EqPac study using a mooring at 0°, 140°W (see Foley et al., 1998). (Left) Time versus depth contour plots of 1) temperature, 2) zonal currents, 3) meridional currents, and 4) current shear. Black vertical dashed lines indicate periods of concurrent shipboard sampling (TT008 and TT012) at the site by JGOFS investigators. (Right) Time series of 1) chlorophyll a and derived primary production at 10 m. (The same curve depicts chlorophyll a values using the left scale and primary productivity rates using the right vertical scale.), 2) zonal (red) and meridional (blue) currents at 10 m, and 3) the depth of the 20°C isotherm (note that it is deeper during the El Niño phase).