

**Figure 2. CaCO3 percentage plotted against composite depth.** Data from supplementary information of Zachos et al. (2005). Events: 208-1262A (3A; 4755 m water depth), 208-1263C (3B; 2717 m water depth), 208-1265A (3C; 3060 m water depth), 208-1266C (3D; 3798 m water depth), 208-1267B (4355 m water depth). CIE boundary is plotted as dashed black line in 3A (relative age = 0; age model from Farley and Eltgroth (2003)). Percentage carbonate in the sediment decreases to zero in most cores near the P-E boundary, signifying deep ocean acidification and significant shoaling of the CCD.