



Figure (Left Panel) Map of the proposed study area with proposed transect and stations **(Right Panels)** Vertical sections of particulate organic carbon (POC), 19'Hexanoyloxyfucoxanthin (HEX), and transparent exopolymer particles (TEP; in Gum Xanthan equivalent per liter; $\mu\text{g Xeq L}^{-1}$) vs. latitude and bottom topography. Figure is adapted from Leblanc et al. 2009 (59).