

Figure 8a. Conceptual model illustrating nutrient injection into euphotic layer by eddy pumping for a first baroclinic mode eddy (from McIllicuddy et al., 1998).

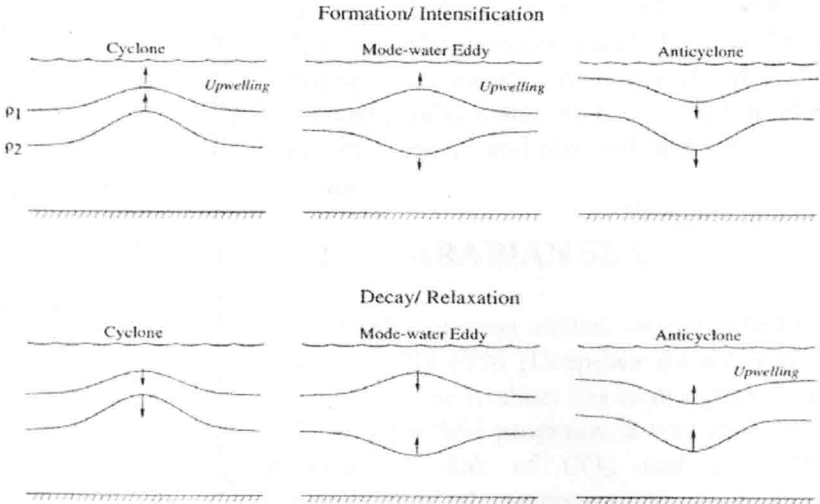


Figure 8b. Illustration of the formation (top panel) and decay (bottom panels) of three different types of Sargasso Sea eddies (left to right): first baroclinic mode cold core, cyclonic eddy; second baroclinic mode "mode water" eddy; and first baroclinic mode warm core, anticyclonic eddy (from Flierl and McGillicuddy, 2002).