



Figure 3. (A) Digital elevation model (DEM) of sea level at Blackwater National Wildlife Refuge (NWR), Maryland, in 2002; and DEM forecasts of sea level at Blackwater NWR in 2100 assuming (B) a 3-millimeter-per-year rise in sea level and (C) a 6.2-millimeter-per-year rise in sea level (modified from Larsen and others, 2004). Sea-level rise during this century will affect tidal wetlands throughout the Chesapeake Bay area (Cahoon, 2007).