

CHANGE IN METAL CONCENTRATIONS IN SURFACE SEDIMENTS WITH TIME

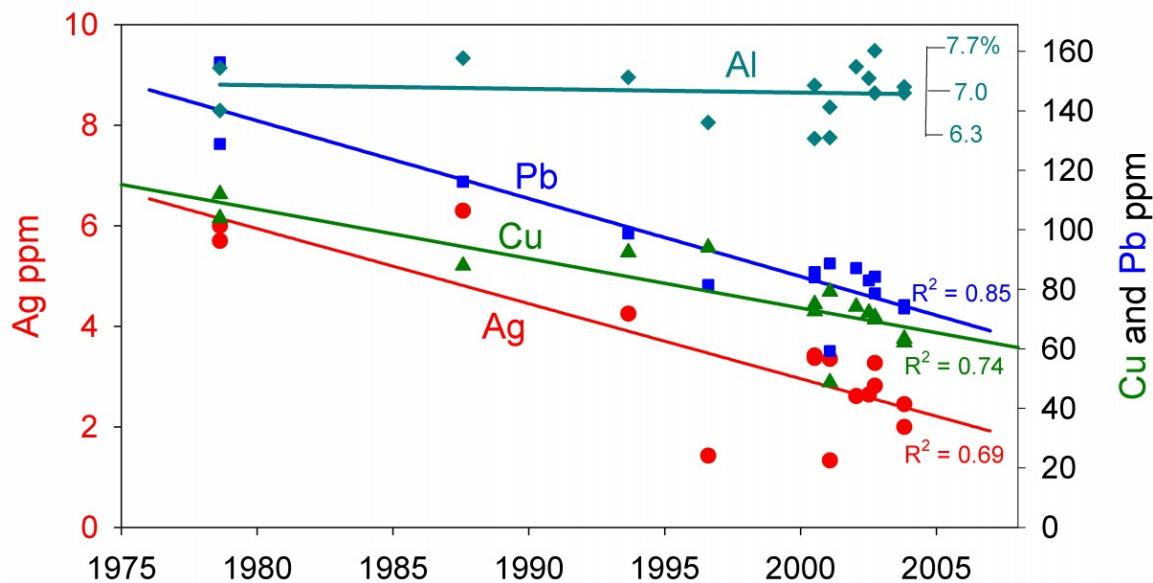


Figure 7.5. Plot showing the decrease of Ag, Cu, and Pb in surface (0-2 cm) sediments at station 8 in Boston Harbor (location plotted in Fig. 1). The average concentration decrease between 1978 and 2004 is about 50%. Aluminum, a non-anthropogenic metal in this setting, does not change with time. The decreasing concentrations of anthropogenic metals, also found at other depositional areas in the Harbor indicate that environmental conditions in the Harbor are improving as contaminant loadings have decreased.