



Figure 10.7. A comparison of inputs of Cu to Boston Harbor other than sediments (in red: Alber and Chan, 1994) to sedimentary inputs (in blue). The sedimentary inputs include 3 contributions from the erosion of sedimentary particles: short-term release (on a time scale of minutes - "Erosion - fast") and longer-term release (on a time scale of hours to days - "Erosion - slow"); and the release of particulate Cu ("solid phase"). The "Sum:dissolved" bar is the sum of the 2 inputs of dissolved metal from erosion and the diffusive flux across the sediment-water interface. CSO = Combined Sewer Overflow, a discharge point (usually at the harbor's edge) carrying street run-off during heavy rains combined with raw sewage, which would flow into the sewage treatment plant during dry periods.