

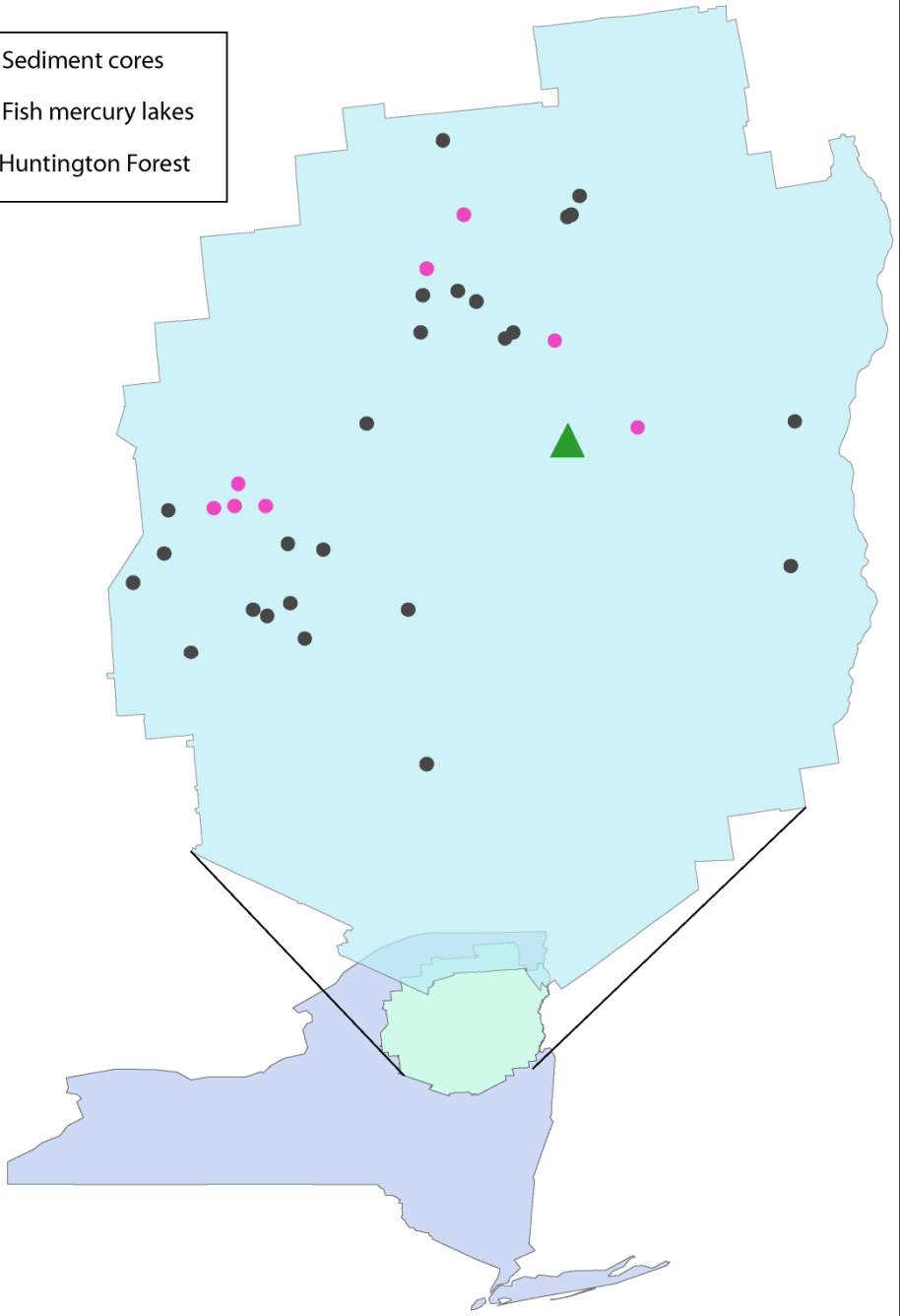


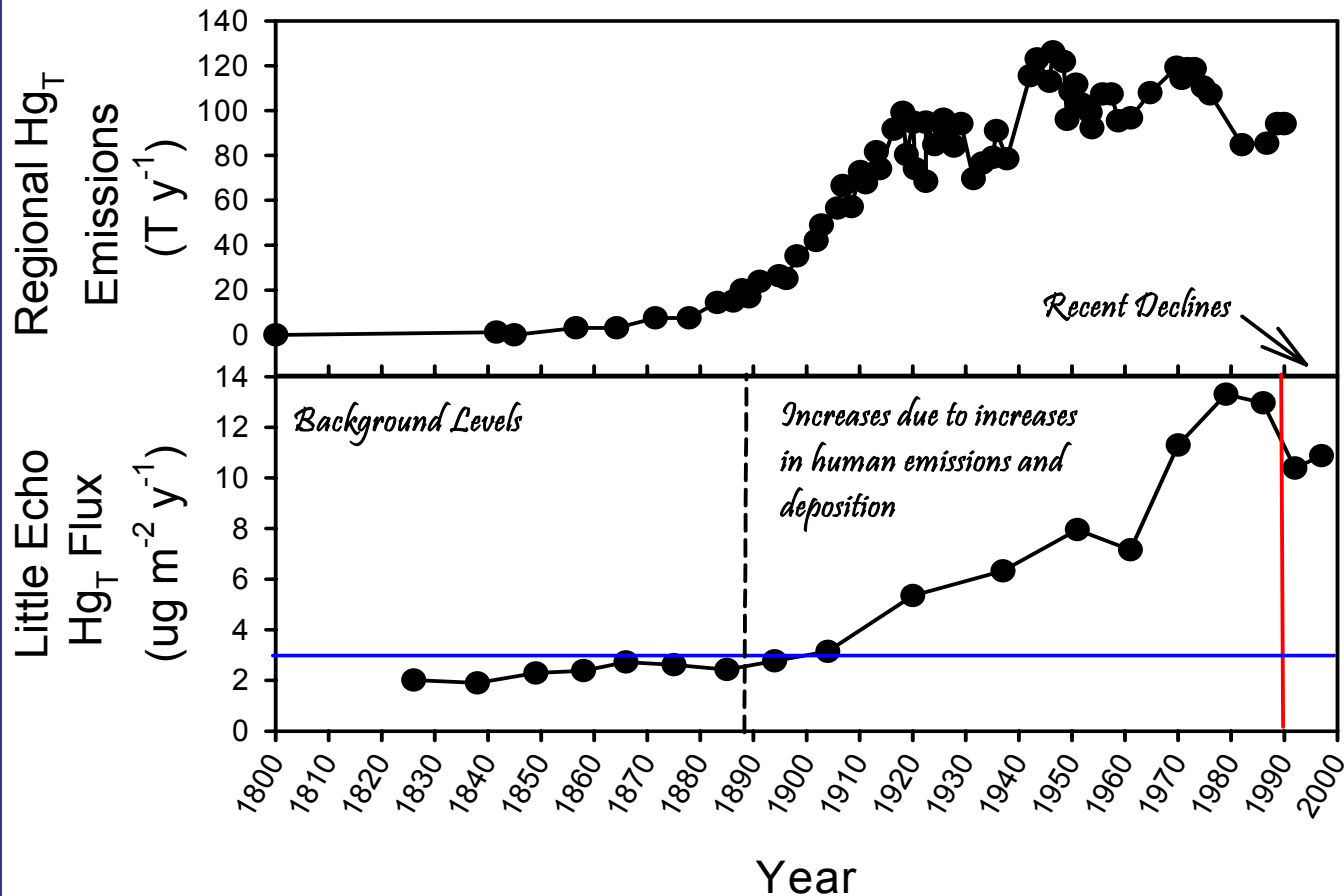
Process-Level Sampling Design- Case Study in the Adirondacks

**Charles Driscoll
Syracuse University**

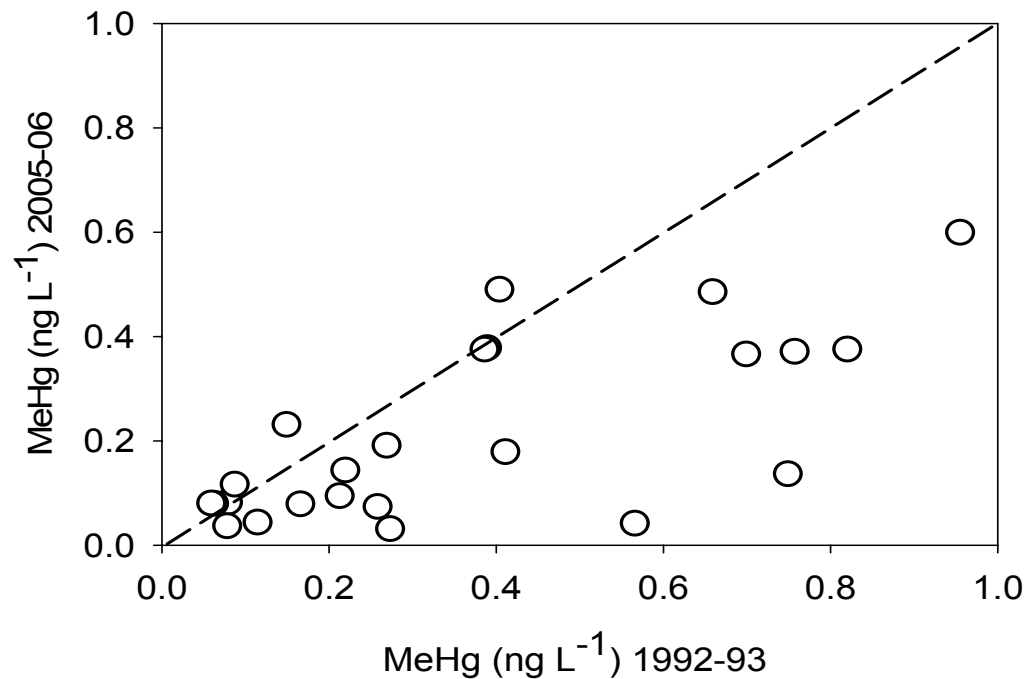
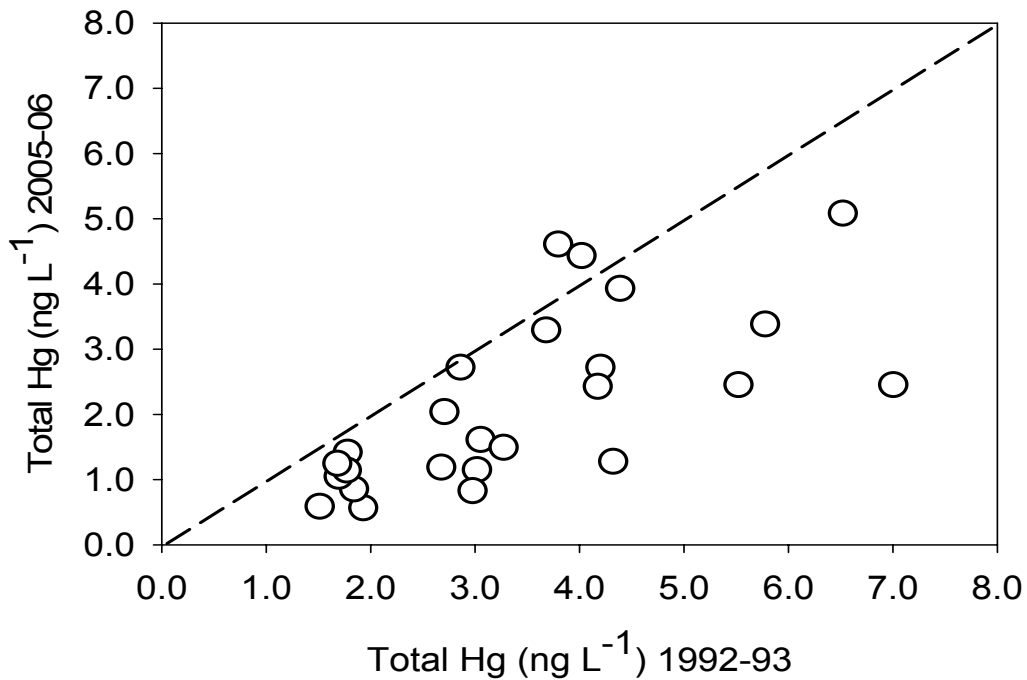
**Mercury Monitoring Workshop
Annapolis, Maryland
May 7, 2008**

- Sediment cores
- Fish mercury lakes
- ▲ Huntington Forest





Number	39
Background	~ 3 ug/m²-yr
Increases start	~ 1880 - 1900
Peak	~ 1970 - 1990
Peak/Background	~ 5.6 (2.4 - 13.8)
% Reduction from peak	~ 30 (0 - 71)%



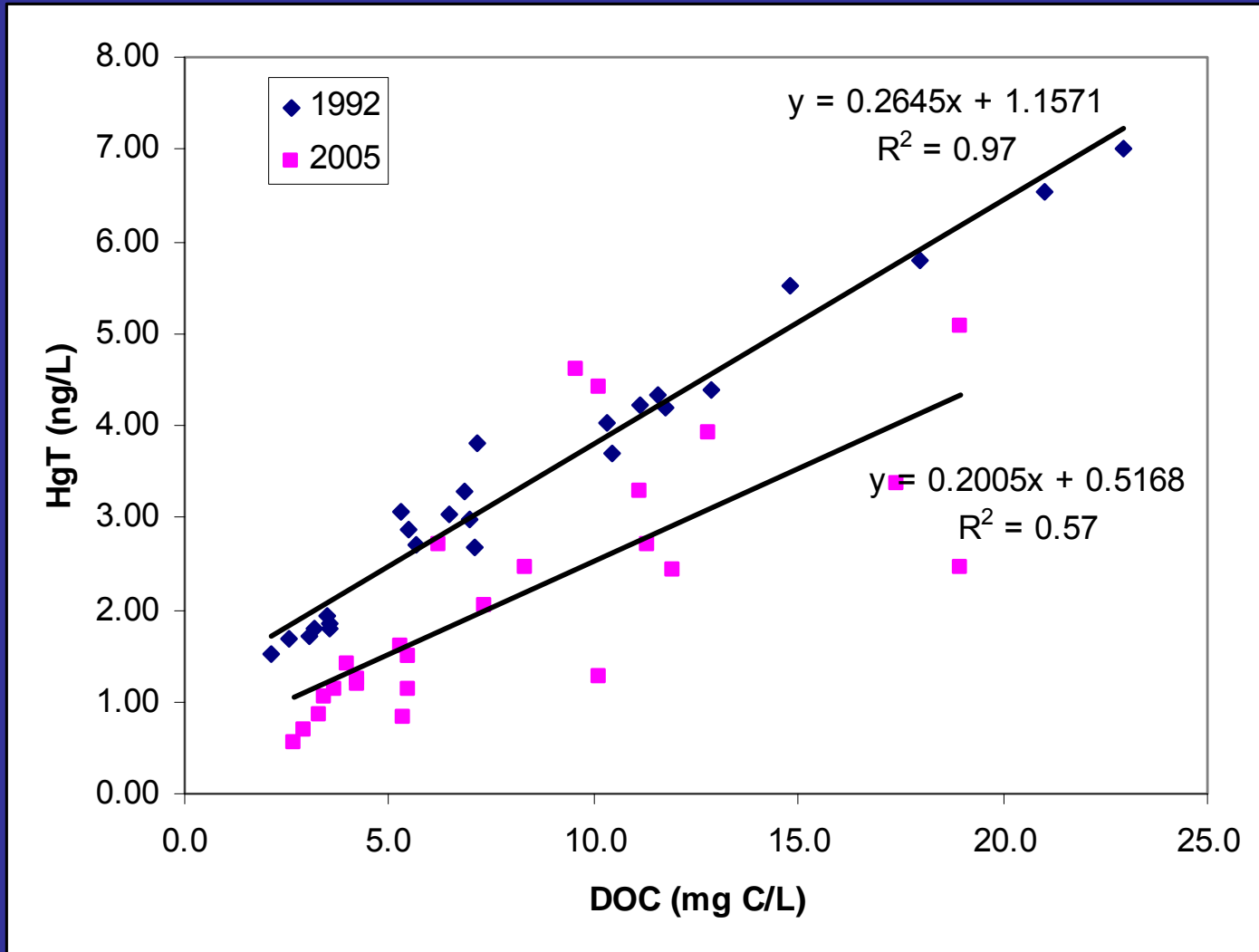
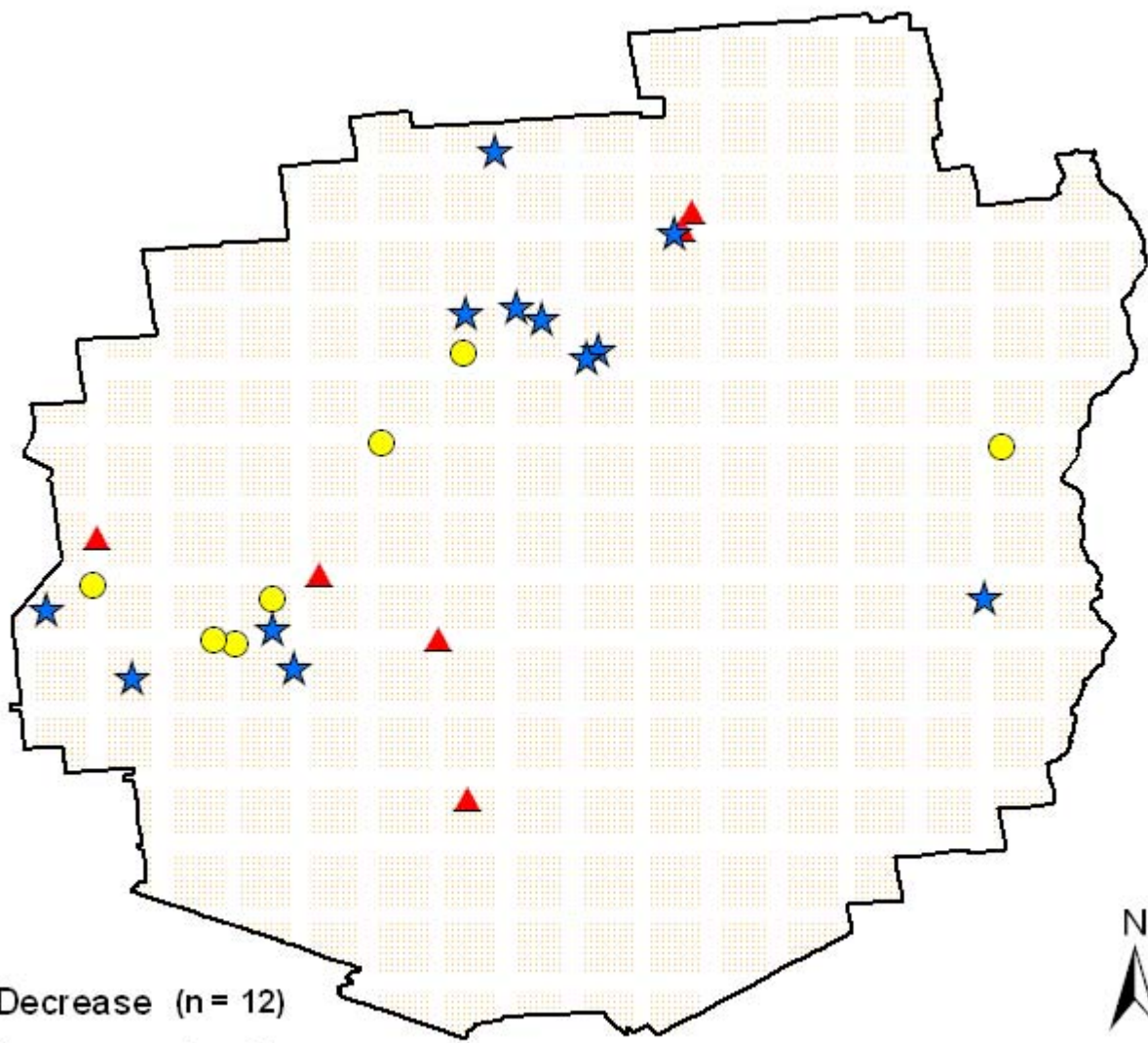


Figure 1. Relationship between HgT and DOC concentrations for the 25 lakes in the Adirondacks



- ★ Decrease (n = 12)
- ▲ Increase (n = 6)
- No change (n = 7)

