# Document occurrence, concentration, and sources of PCBs in different landscape settings

- Utilize a robust, EPA Method 1668 database (e.g., DRBC) to develop a statistical model to examine congener occurrence, concentration and source with drainages of different land use categories. Consider transferability to watersheds without such databases.
- Utilize compiled data sets from states and federal agencies to examine trends in concentrations in 3 basins of different dominant land use of the Chesapeake Bay.
- The occurrence of polychlorinated biphenyls in stormwater management pond sediment and relationship to land use (Needham and others, in preparation, USGS)
- Influence of historic and current land use practices on PCB contamination of soilsand stormwater sediments in the Chesapeake Bay watershed (Kjellerup and Davis, UMCP)

# Design and Implement a PCB Monitoring Program to assess changes in concentrations associated with mitigation actions

- Geographically-focused areas with PCB TMDLs and other ongoing PCB remediation
- Surface water and fish sampling and analysis using common methods, time intervals
- Design at a scale not currently being assessed by jurisdictions