

What Have We Learned:

- Having a carefully designed study plan provides long-term consistency and comparable phased results.
- Integration of nested studies permits up-scaling/down-scaling to understand conditions at local and regional scales and allows extrapolation to unmonitored areas and the ability to distinguish anthropogenic vs. natural controls.
- Vertical component equally important as spatial component—
Assess spatial and temporal variability.
- The value of long-term monitoring.
- Water quantity and water quality are closely linked and understanding is enhanced when studied together.
- A realistic conceptual model used for interpretation of study results should be revised as new data becomes available.