

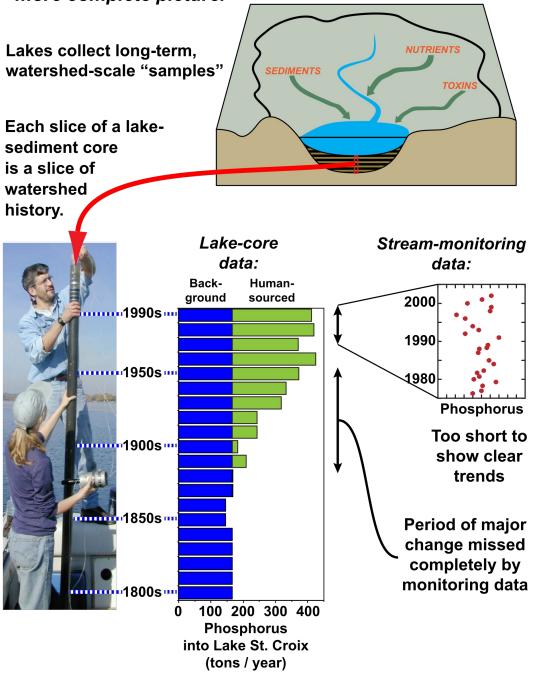
St. Croix Watershed Research Station SCIENTISTS MAKING WAVES





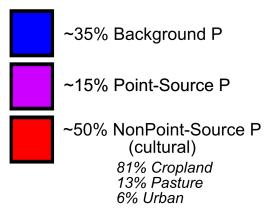
Use of lake-sediment stratigraphy to help set reasonable and feasible Lake St. Croix Total Maximum Daily Load (TMDL)

• Lake sediments offer a way of going back in time to see a more complete picture.



Phosphorus (P) sources, historical loads, and reduction goals for Lake St. Croix

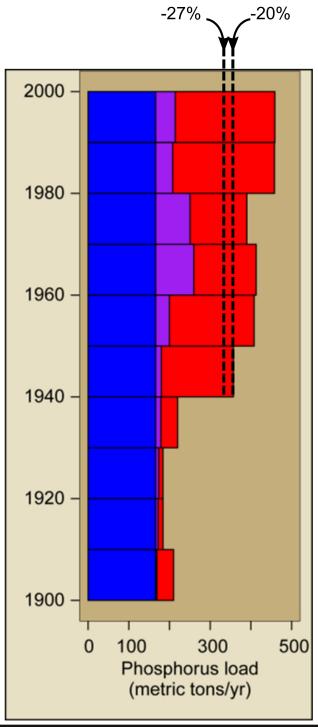




Phosphorus loads are currently about 3x natural background.

2004: Joint MN-WI agreement for 20% reduction in P load (turn the clock back to the 1940s)

2012: TMDL report aims for 27% reduction in P load (added reserve capacity & margin of safety)



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St. Croix Basin Water Resources Planning Team

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