Ohio Sea Grant & Stone Lab











Ohio Sea Grant Extension How We Work

Partnership of Academia, Government, and the Private Sector

Combine Research, Education, and Outreach Teaching

Focus on the Economy, Environment, and

Ohio

Education





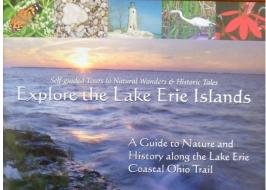




Ohio Sea Grant Extension

Educators Objective Credible Scientific Information **Brokers**



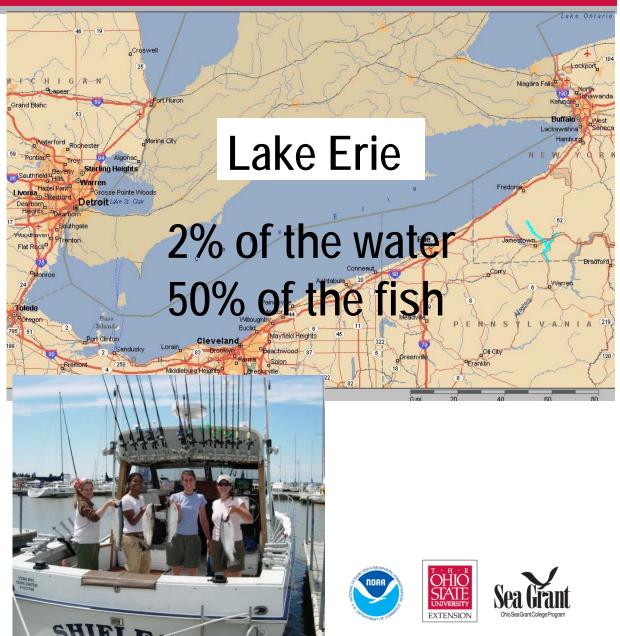








*Southernmost **Great Lake** *Most biologically productive *Shallowest *Warmest *Wide diversity of aquatic habitats *Wide diversity and abundance of naturally reproducing, native fish stocks



Lake Erie has Multiple Uses
Recreation, Conventions, Tourism
Drinking Water
Waste Disposal
Power and Industry
Commerce and Transportation













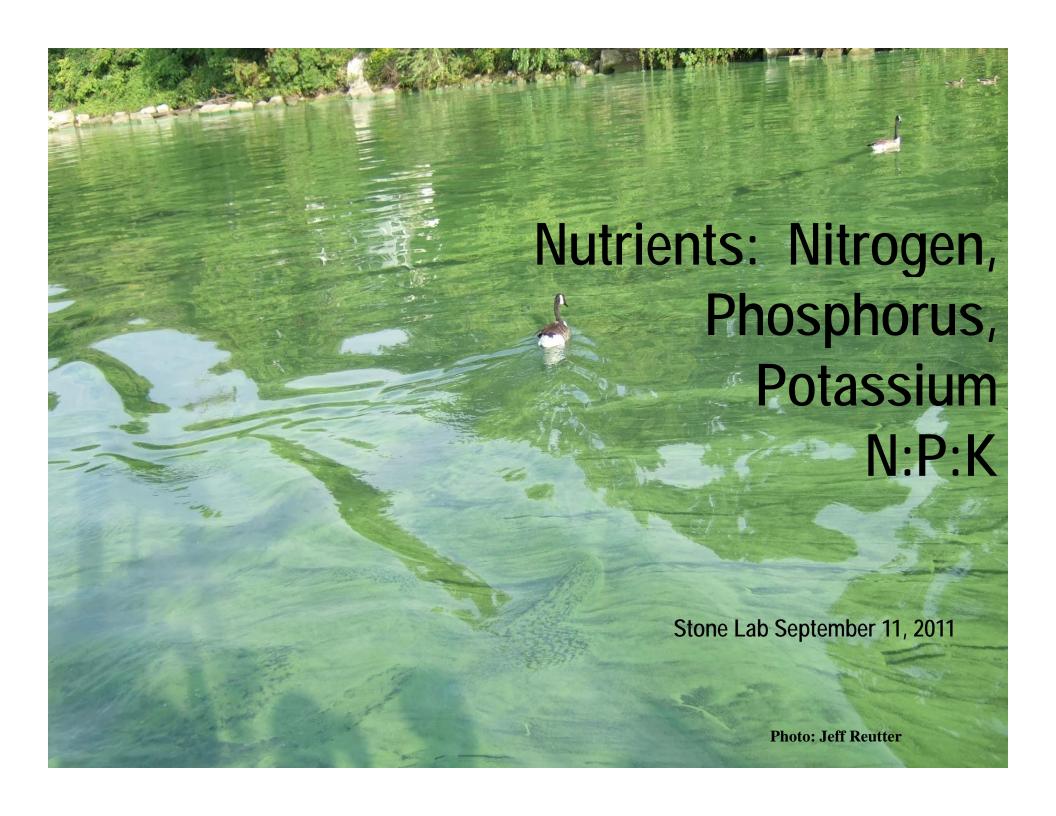






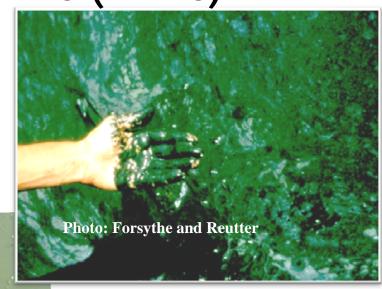






Harmful Algal Bloom's (HABs)

Blue-green Algae Bloom circa 1971, Lake Erie ><>





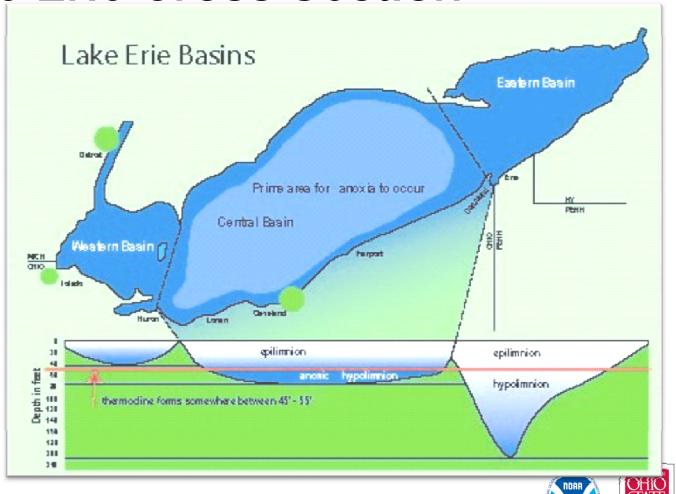
Microcystis
Stone Lab
<> 8/10/2010







Lake Erie Cross Section





AIS = Aquatic Invasive Species





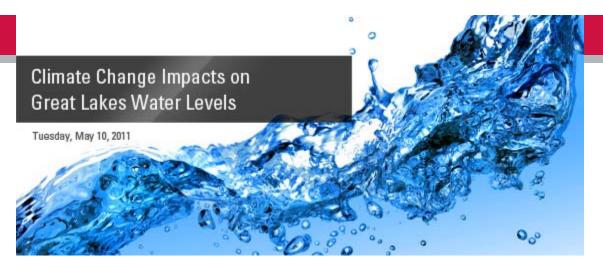
Zebra Mussel vs Quagga Mussel

Now mostly have Quagga Mussels









http://changingclimate.osu.edu/topics/climate/

Do scientists disagree on the causes of climate change?

Of the 928 papers in scientific journals between 1993-2003 that listed "global climate change" in key words* ...not one disagreed or took the position that current climate change is entirely natural (not caused by human activities).

N. Oreskes. 2004. The scientific consensus on climate change. Science 306:1686.

Ohio Sea Grant College Program

