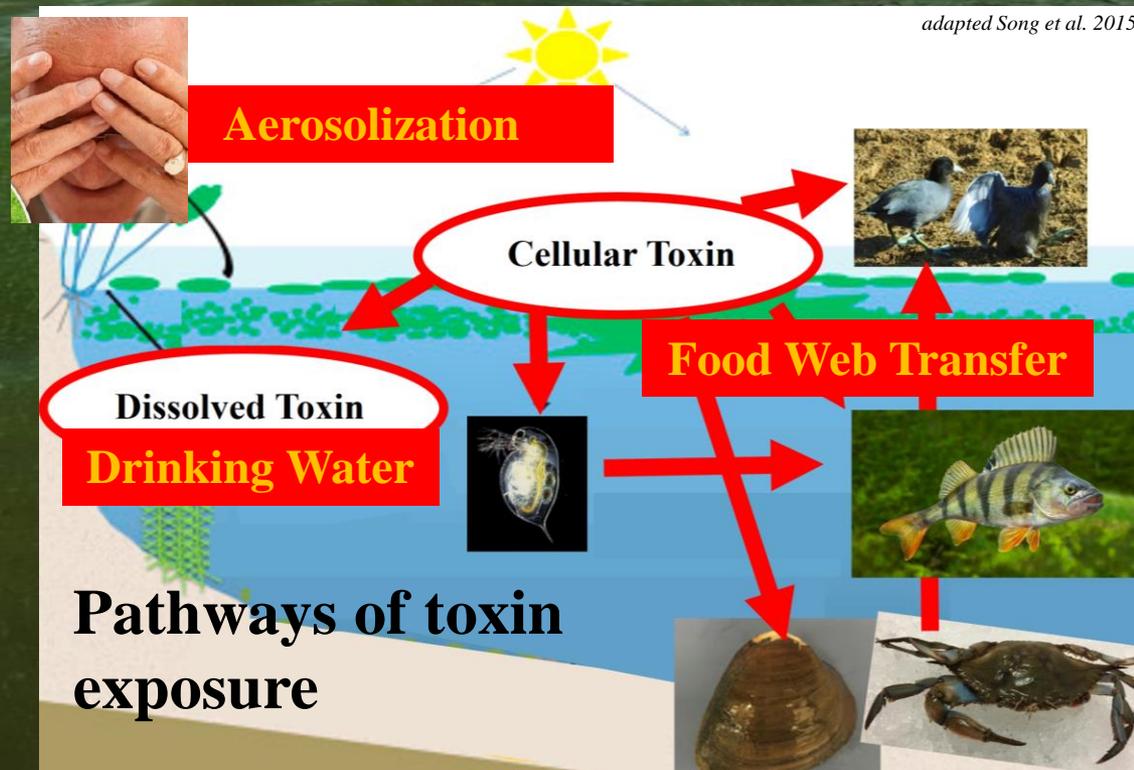


Climate Change and Harmful Algal Blooms: Potential Impacts on Food Web Resilience

The Problem: “....global increase in the frequency, magnitude, and geographic extent of HABs events over the preceding two decades”

Cyanotoxins

hepato-, cyto-, endo-, neuro-, and dermatotoxin

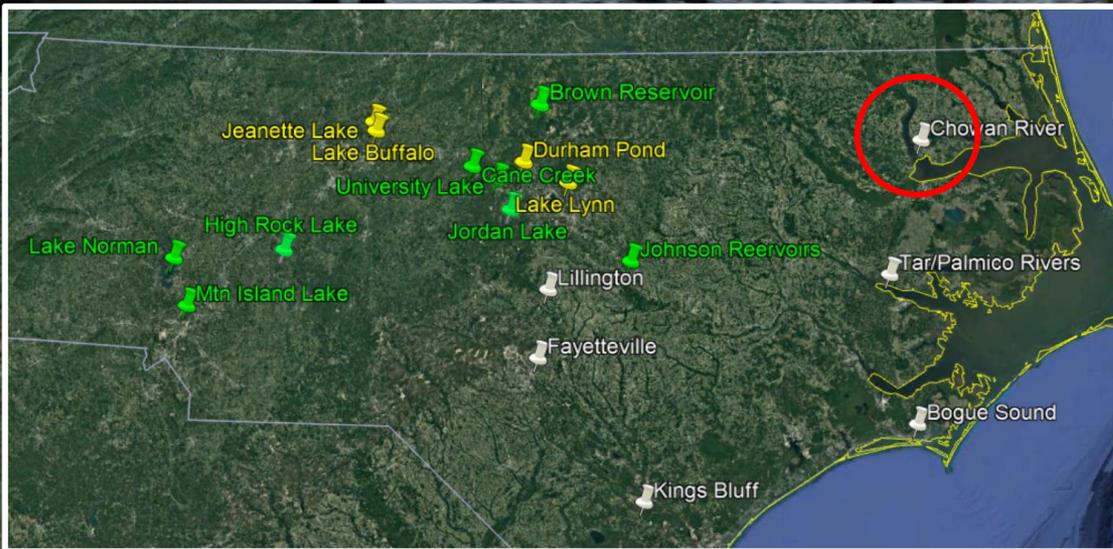


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[Plankton Ecology Lab](#)

Marine, Earth and Atmospheric Sciences



Chowan River / Albemarle Sound

White Perch, Gizzard Shad,
Catfish, Silverside, Alosa,
Anchovy, Blue Crab, *Rangia*
Clams

Consequences:

- Water quality issues (clarity)
- Safe drinking water
- Safe recreation
- Ecosystem regime shifts
- Fish kills (anoxia)
- Pet deaths
- Human health risks
- Socioeconomic impacts
- Property values
-

