

Florida LAKEWATCH

Mark Hoyer Director



Florida LAKEWATCH

A Volunteer Monitoring Program

University Land Grant Mission:

- 1) Research
- 2) Teaching
- 3) Extension

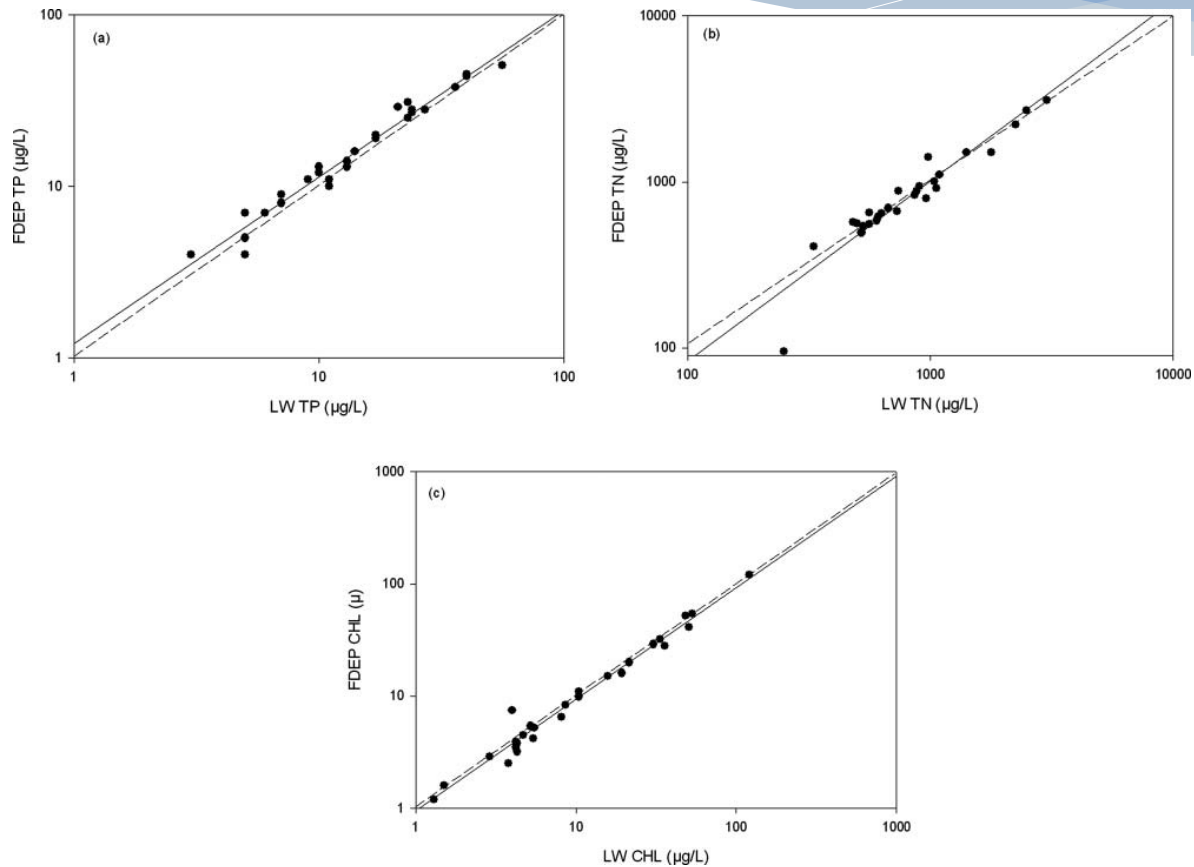


Comparison Studies Confirmed the Quality of LAKEWATCH Data

Canfield, D. E. Jr., C. D. Brown, R. W. Bachmann, and M. V. Hoyer. 2002. Volunteer lake monitoring: testing the reliability of data collected by the Florida LAKEWATCH program. *Lake and Reservoir Management* 18: 1-9.

Hoyer, M. V., N. Wellendorf, R. Frydenborg, D. Bartlett, and D. E. Canfield, Jr. 2012. A comparison between professionally (Florida Department of Environmental Protection) and volunteer (Florida LAKEWATCH) collected trophic state chemistry data in Florida. *Lake Reservoir Management*. 28: 277-281.

FDEP Professionally Processed Data Compares Well With LAKWATCH Data



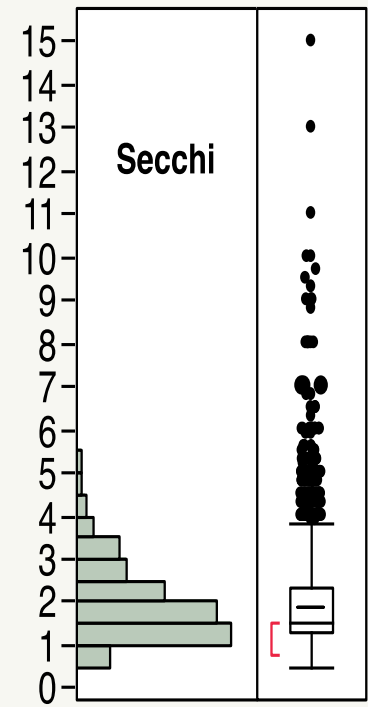
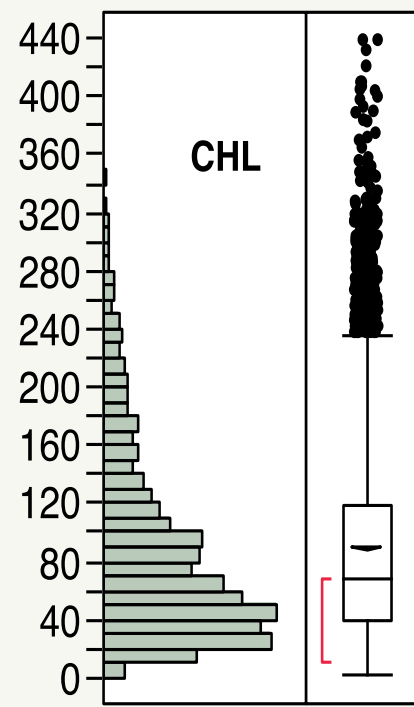
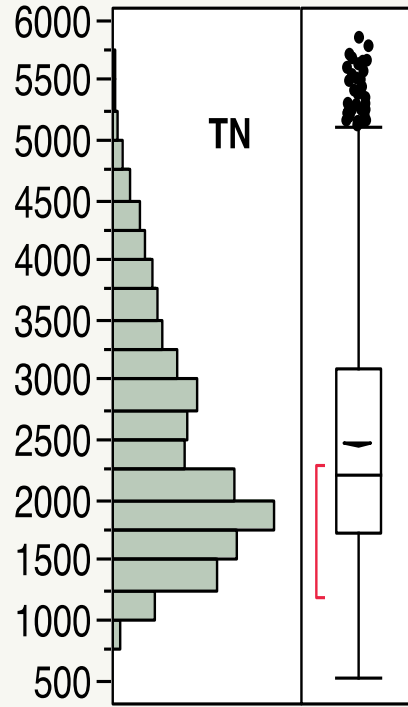
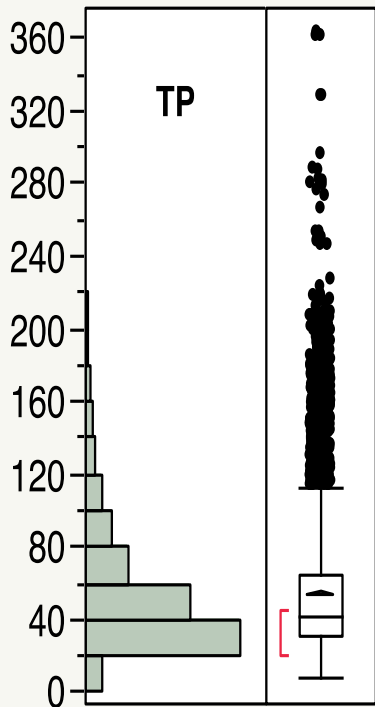
Harris Chain-of-Lakes

Data Distribution for 6,700 Samples

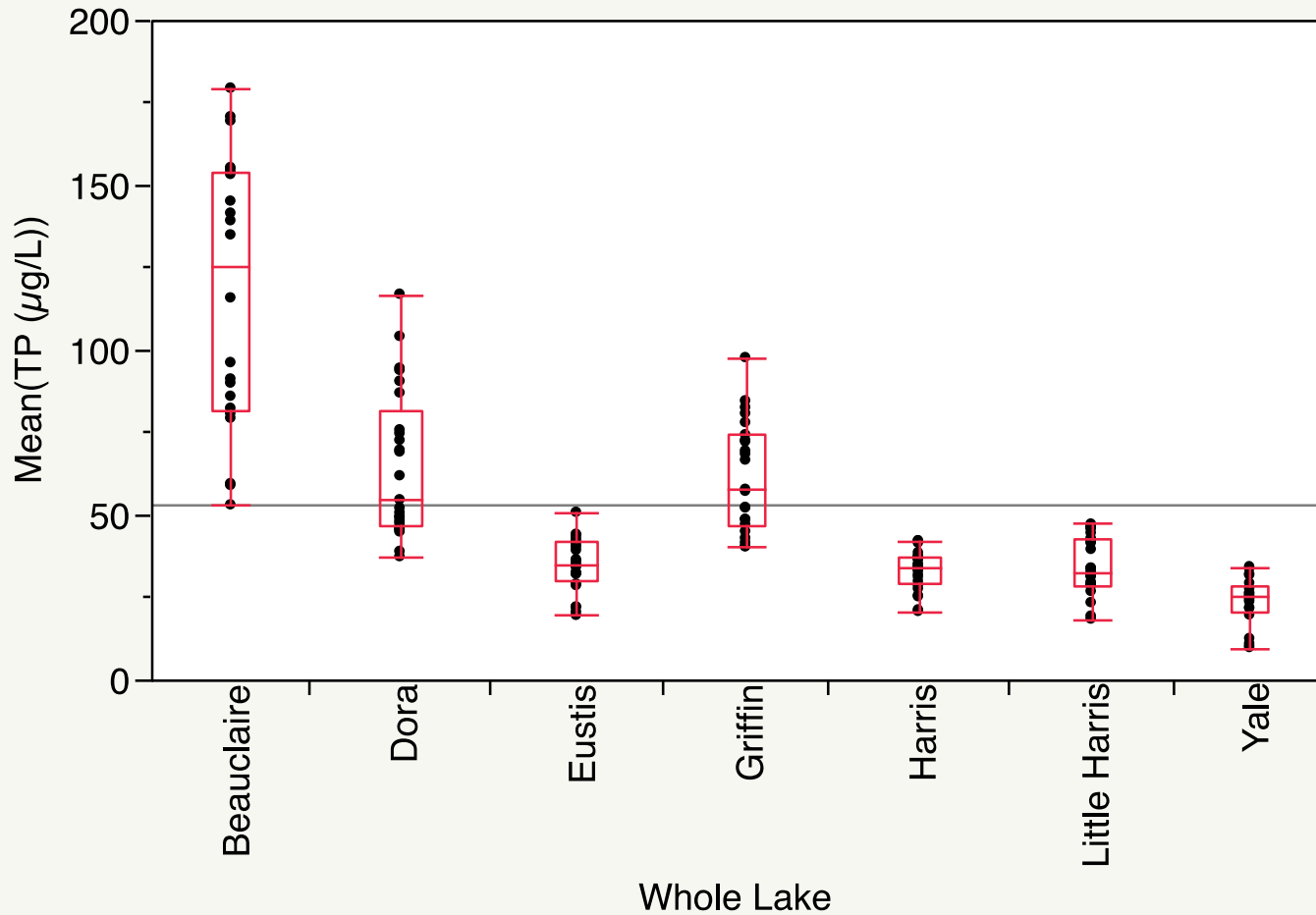
1990 - 2014

Lake	Year Start	Year To Date	Number of Samples
Beauclaire	1990	2012	657
Dora	1990	2014	1559
Eustis	1990	2014	750
Griffin	1990	2014	1212
Harris	1990	2014	1545
Little Harris	1990	2014	513
Yale	1990	2014	567

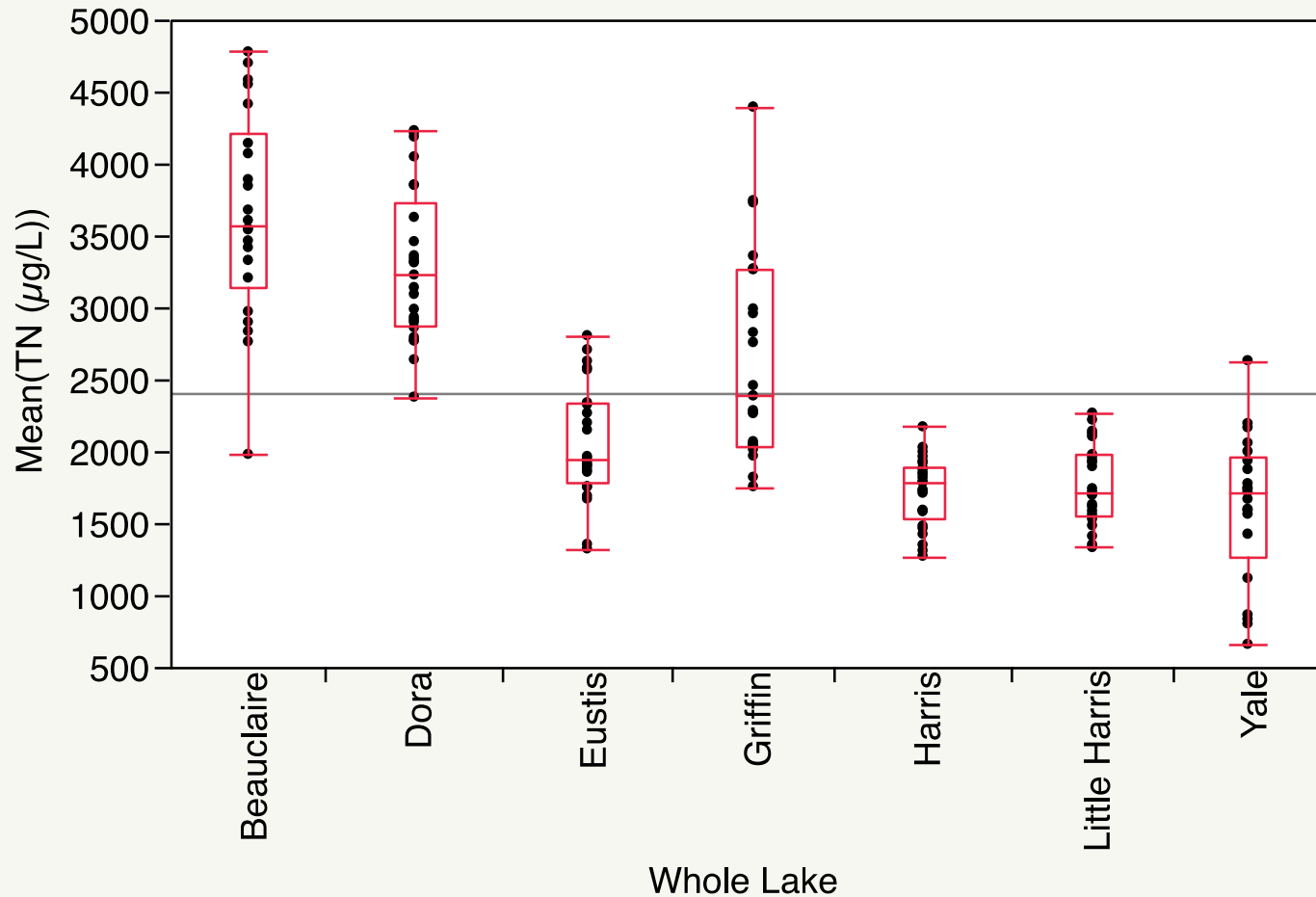
Harris Chain-of-Lakes Data Distribution for 6,700 Samples 1990 - 2014



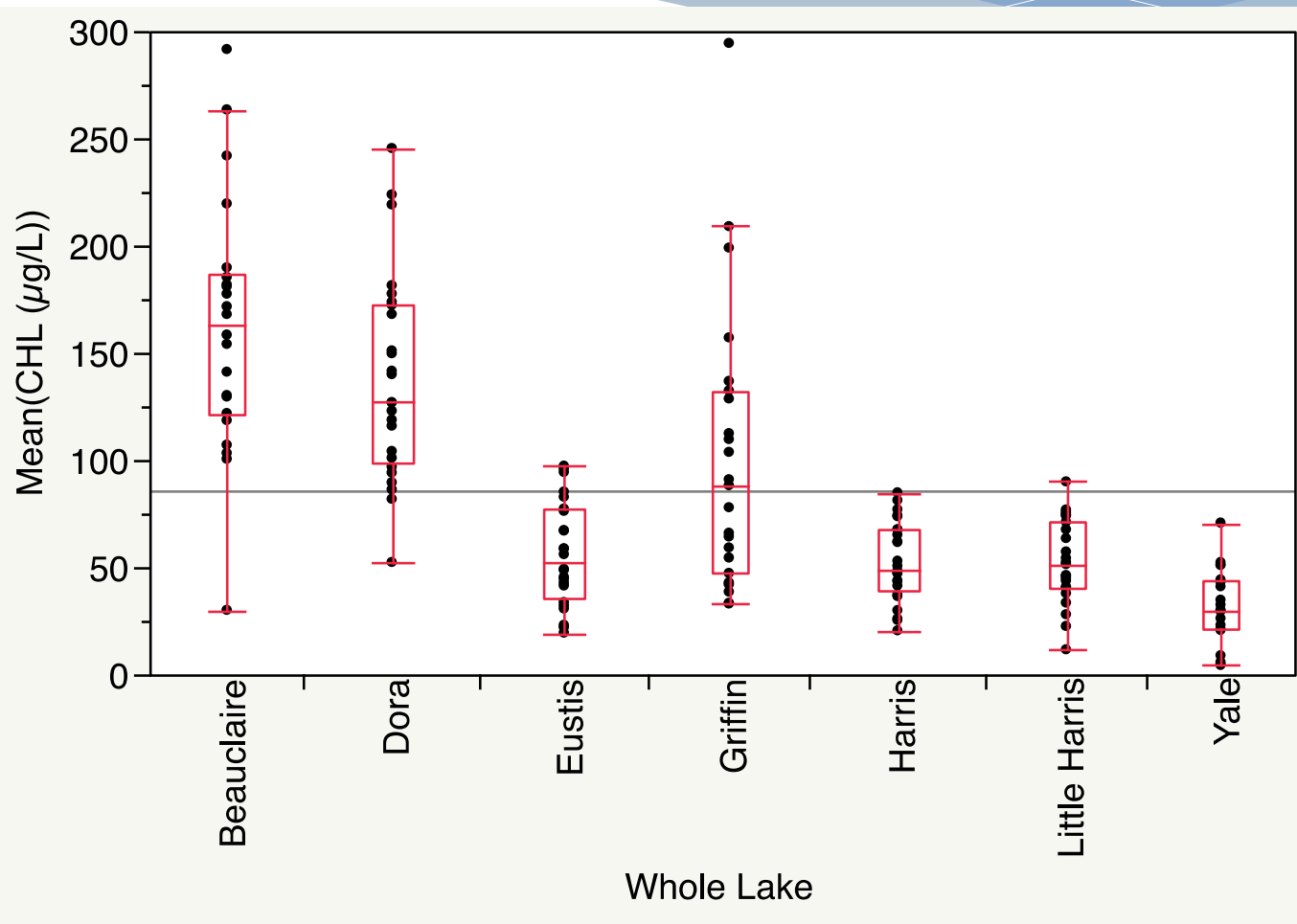
LAKEWATCH Total Phosphorus



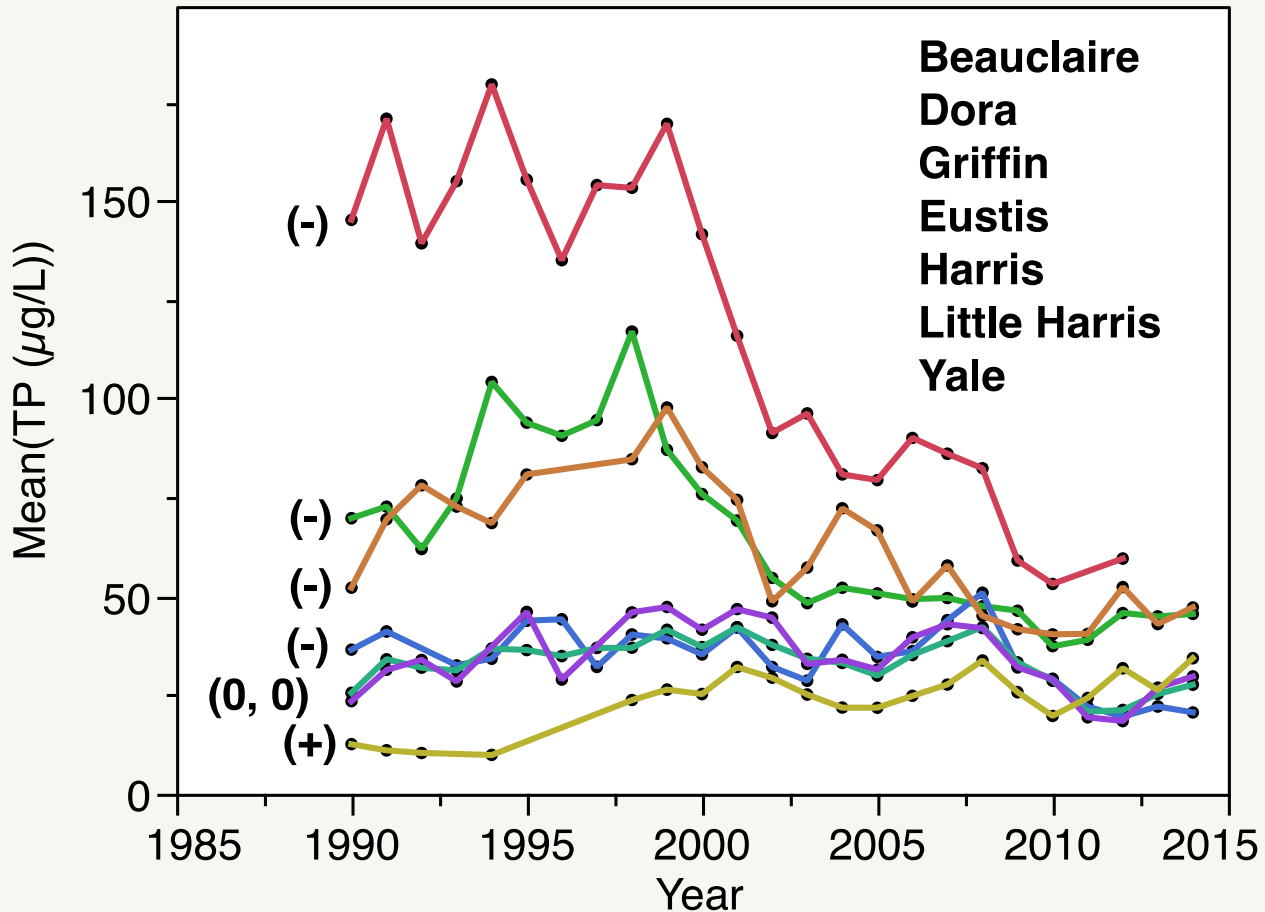
LAKEWATCH Total Nitrogen



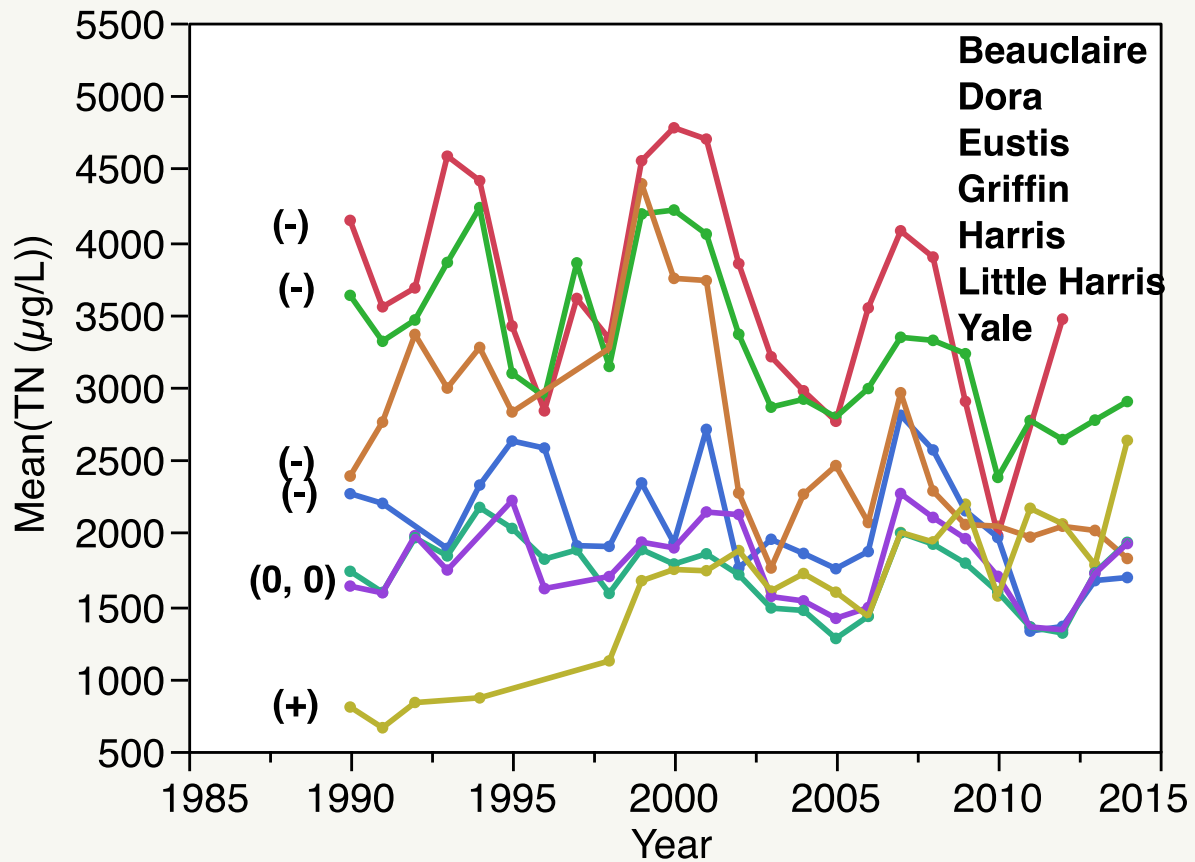
LAKEWATCH Chlorophyll



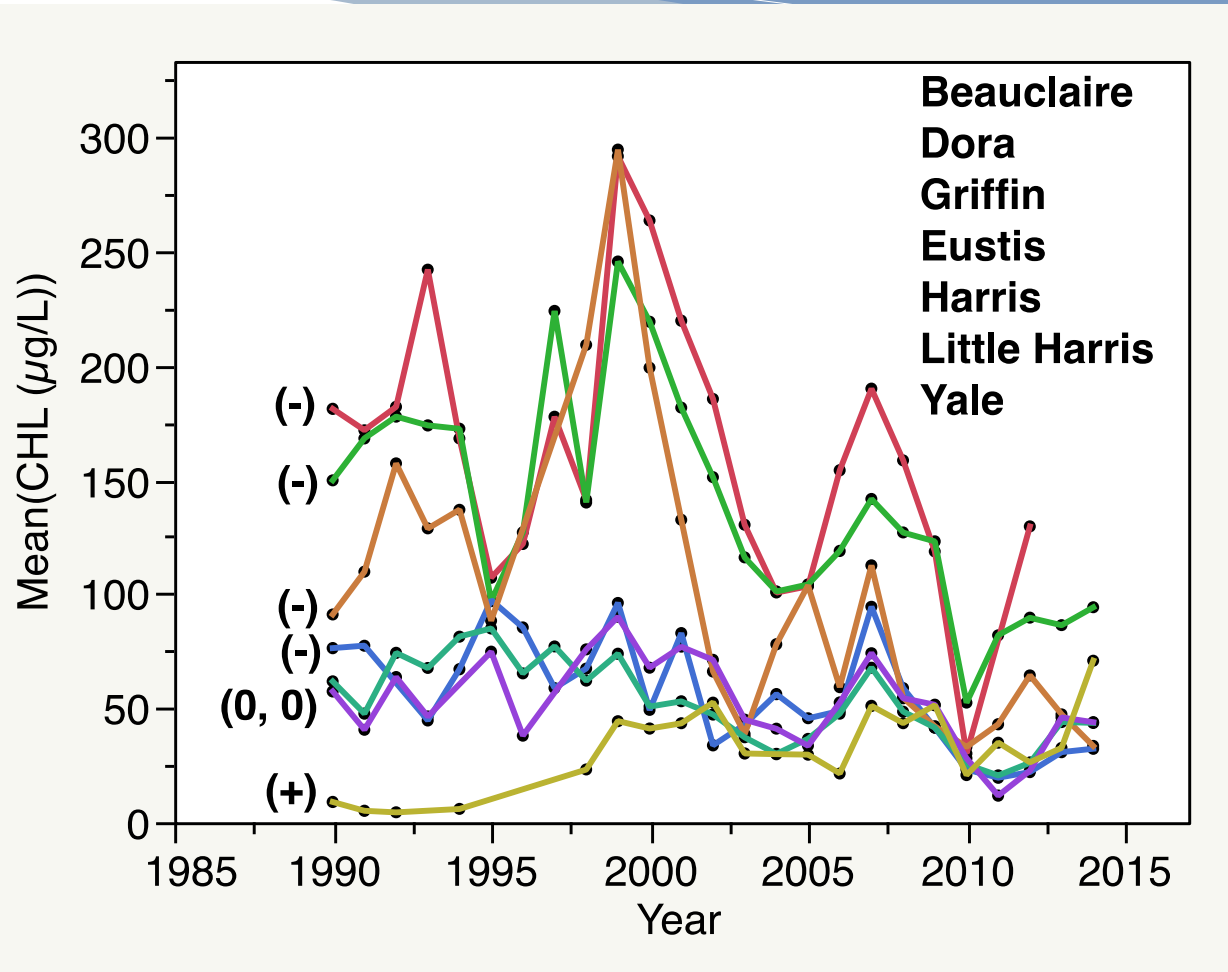
LAKEWATCH Total Phosphorus



LAKEWATCH Total Nitrogen



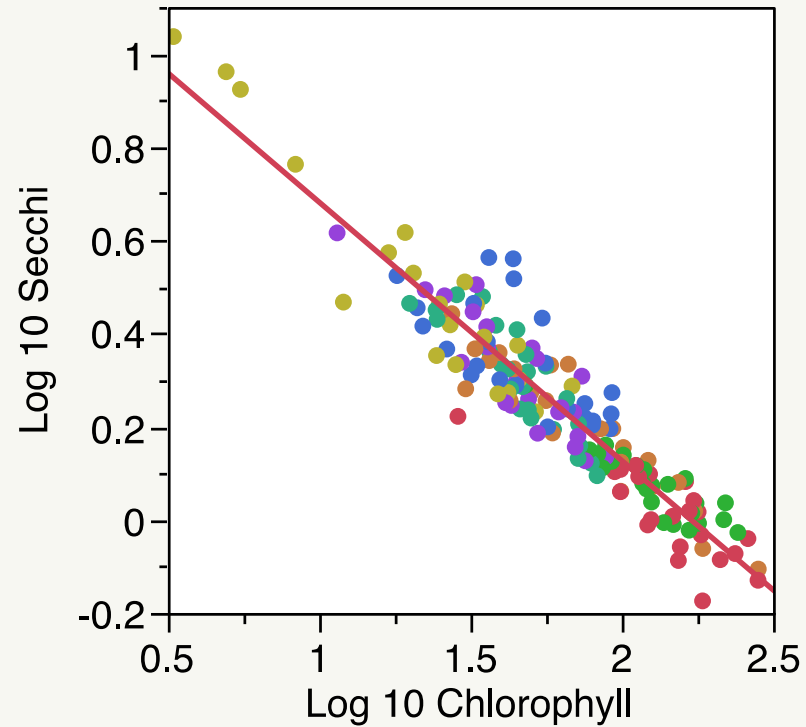
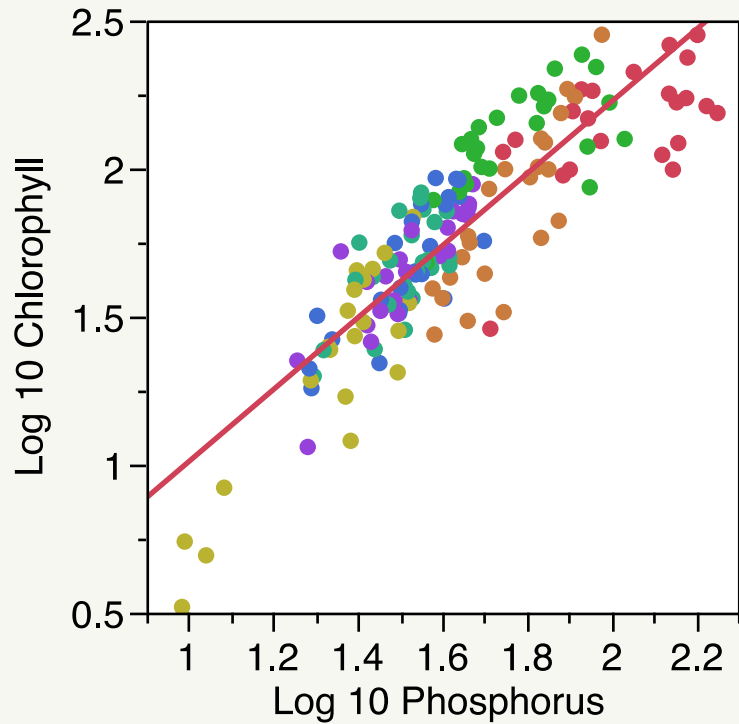
LAKEWATCH Chlorophyll



Phosphorus vs Chlorophyll

Chlorophyll vs Secchi

Beauclaire
Dora
Eustis
Griffin
Harris
Little Harris
Yale



LAKEWATCH Awards

Distinguished Service Award (2014) - SFRC University of Florida
Vision Award (2014) –National Water Quality Monitoring Council

