

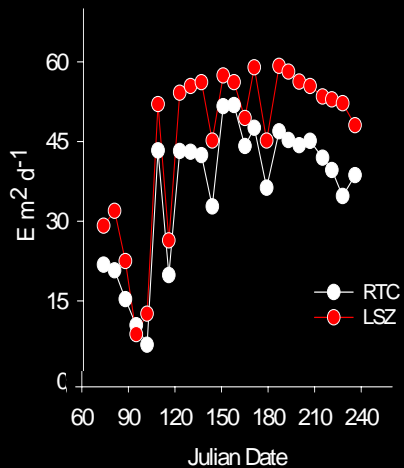
# Ratios of drawdown in grow-outs

	Suisun	San Pablo	Central
$\Delta$ DIN	12.80	48.51	36.16
$\Delta$ PO <sub>4</sub>	0.74	1.61*	1.55*
$\Delta$ Si	10.89	33.24	26.59
$\Delta$ DIC	47	270	240
C:N:P:Si	63:17:1:15	167:30:1:21	154:23:1:17

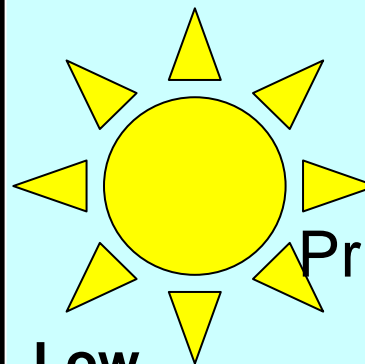
\*PO<sub>4</sub> concentration was 0.00μM by 72h

*Parker et al., (in rev)*

C:N drawdown ratio is low in Suisun (3.7) compared to Redfield in San Pablo (5.6) and Central (6.7)



**Irradiance,  $I_0$**

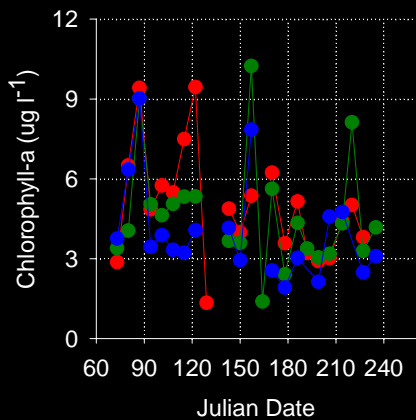


Primary Production

Low

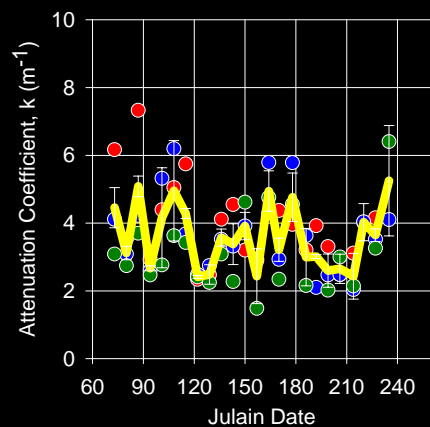
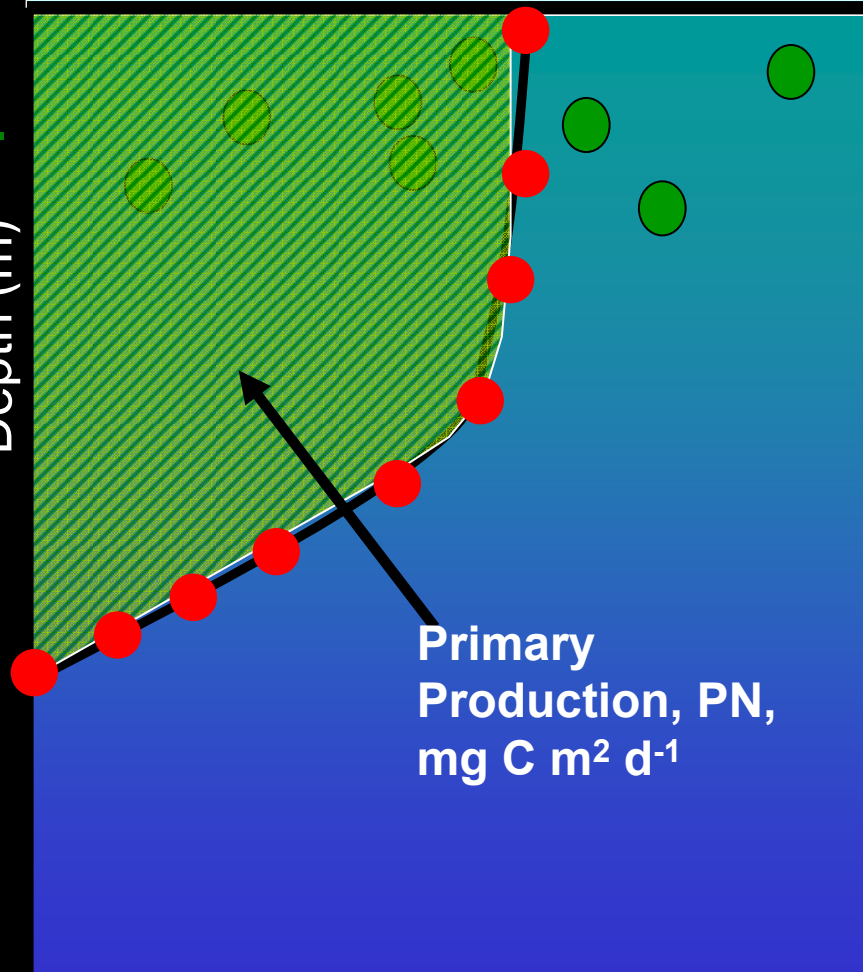
High

**Biomass,  $B$**



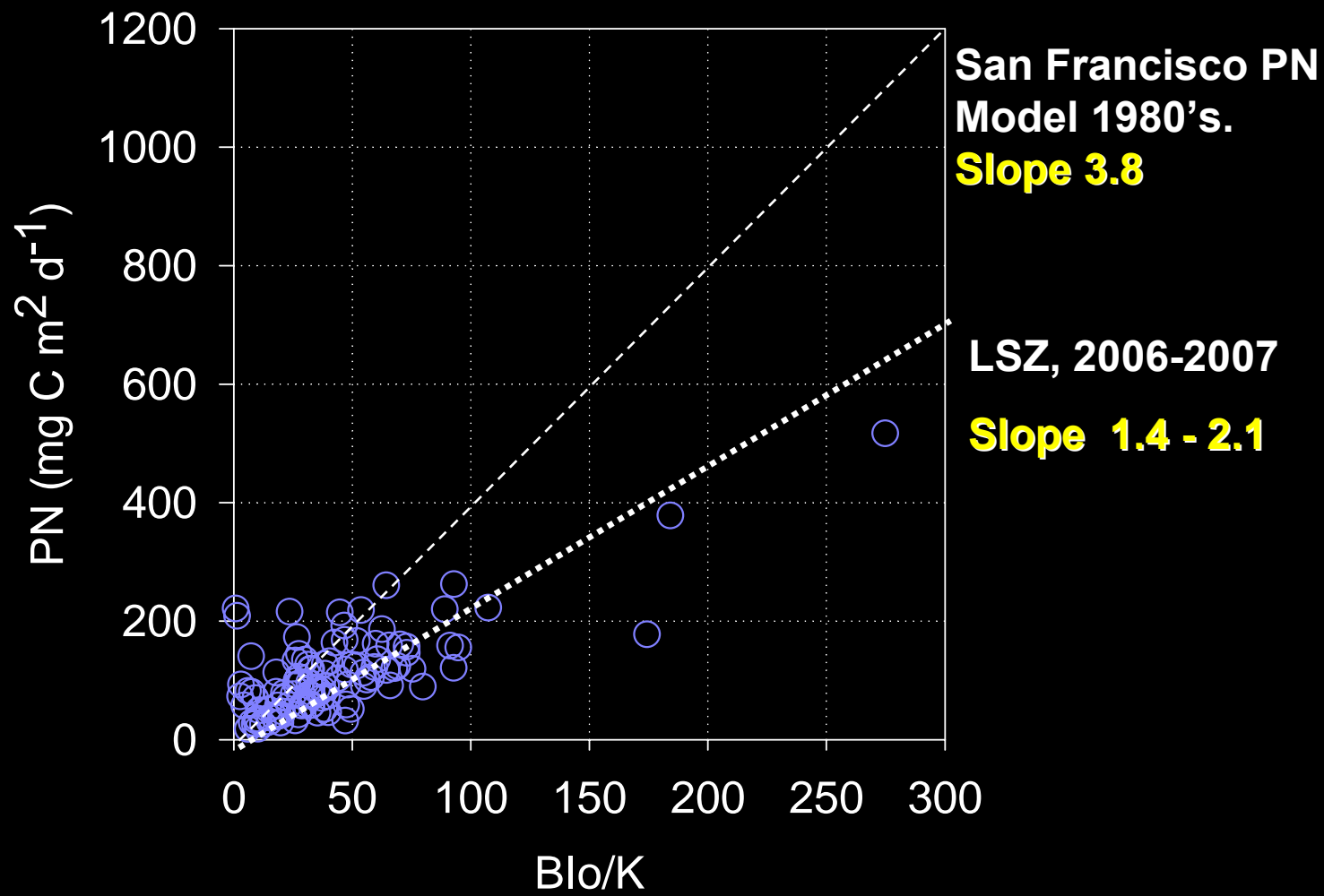
Photic Zone

Depth (m)

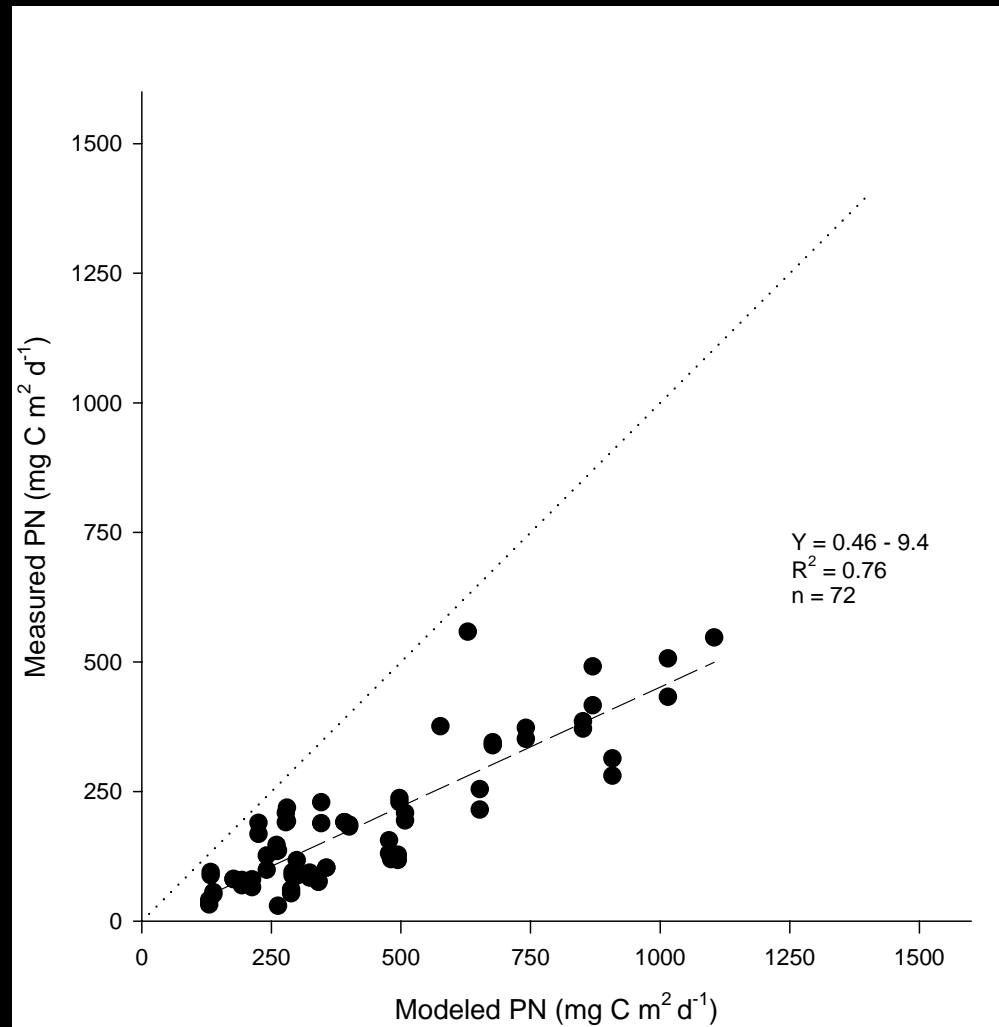


**Attenuation,  $k$**

●  $^{14}\text{C}$  primary Production measurement



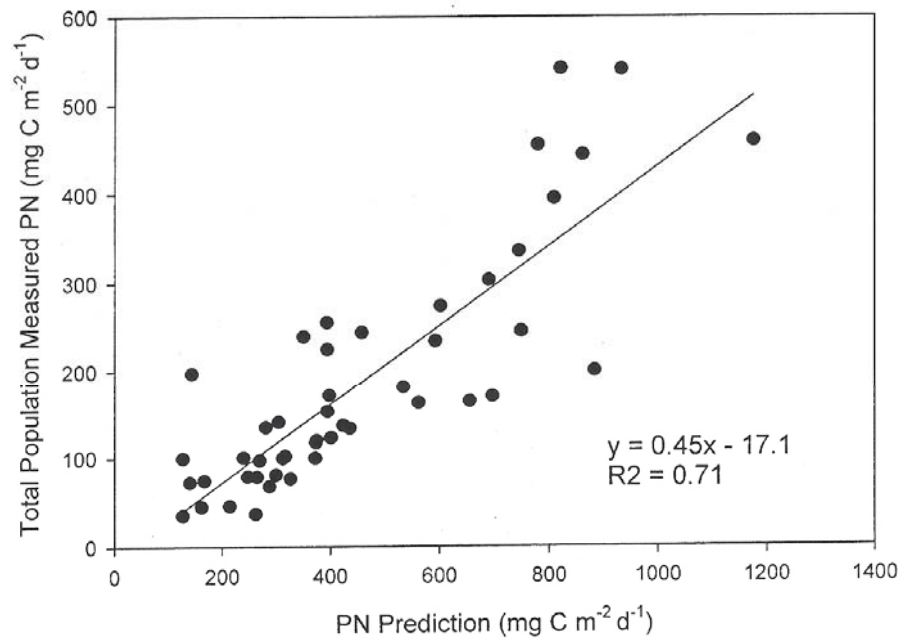
# Spring Bloom northern SFE 2005, Parker, unpub.



**Slope**

**1.75 (Blo/k)**

# Lorenzi 2006, Central SFE



**Slope**

**1.70 (Blo/k)**

Figure 34. Regression of predicted PN values from Cole and Cloern (1984) vs. measured values in total population.