

Supplement of
Detecting climate driven changes in chlorophyll-a in deep subalpine lakes using long term satellite data

Gary Free et al.

Correspondence to: Gary Free (free.g@irea.cnr.it)

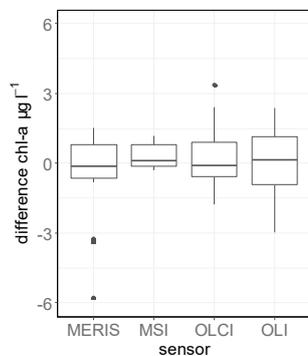


Figure S1. Boxplot showing difference from mean chlorophyll-a among sensors used. No evidence was found for a difference among sensors (ANOVA, $F = 0.96$, $p = 0.42$, $n = 55$). Differences were based on chlorophyll-a determined in-situ (within 3-day timeframe) and that estimated using the sensors aboard the different satellites used in this study.

Supplementary material

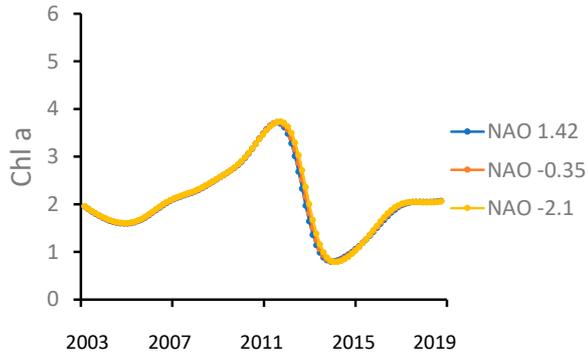


Figure S2. Lake Maggiore response curves for chlorophyll-a ($\mu\text{g l}^{-1}$) with DJF NAO.

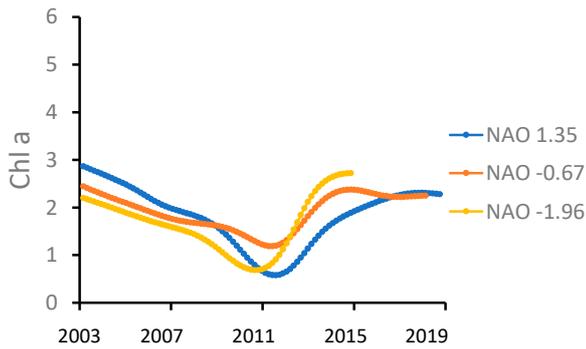


Figure S3. Lake Como response curves for chlorophyll-a ($\mu\text{g l}^{-1}$) with DJF NAO

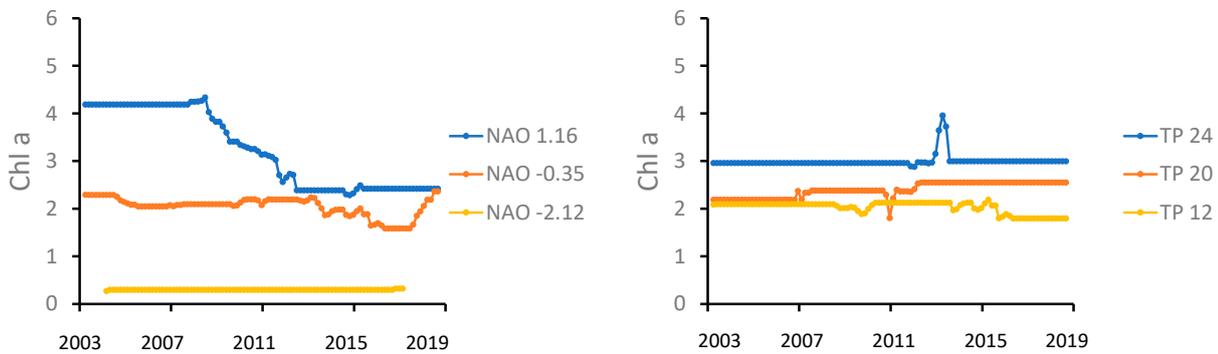


Figure S4. Lake Iseo response curves for chlorophyll-a ($\mu\text{g l}^{-1}$) with DJF_EA and TP.

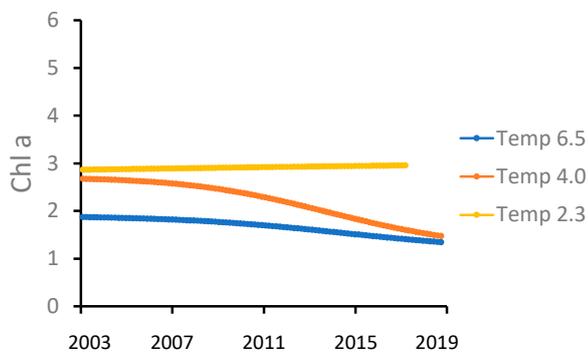


Figure S5. Lake Garda response curves for chlorophyll-a ($\mu\text{g l}^{-1}$) with DJF Temperature $^{\circ}\text{C}$