






Rate of photooxidation of lipid-bound carbon

-  Scenario A: Assuming photolability of IP-DAG containing PUFA with  $\geq 5$  double bonds
-  Scenario B: Assuming photolability of IP-DAG containing PUFA with  $\geq 3$  and  $< 5$  double bonds

Bacterial production at sea surface

-  PAL-LTER Station E
-  PAL-LTER Station B
-  Palmer Station seawater intake