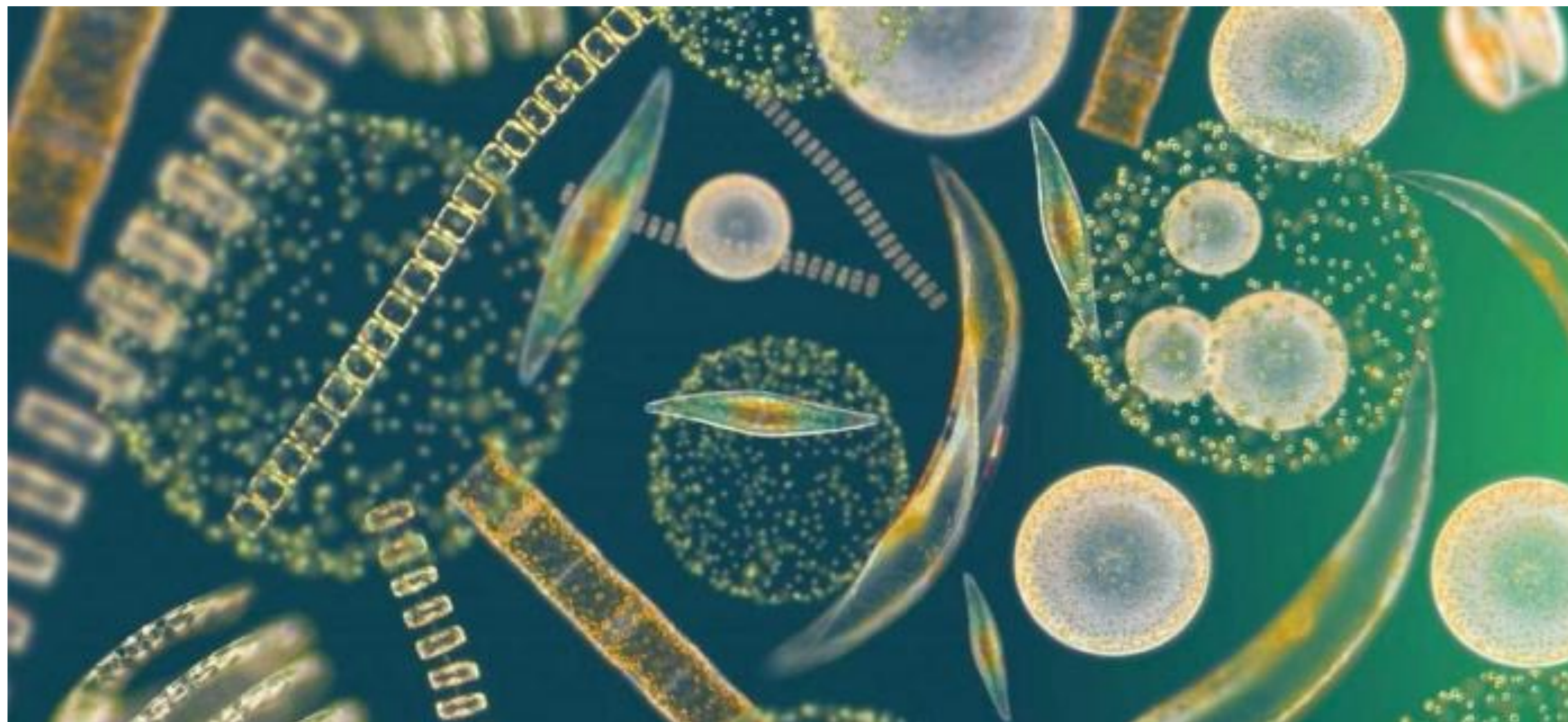


We created a **large ensemble** of ocean chlorophyll using a **single observational record**.

Alternate history: A synthetic ensemble of ocean chlorophyll concentrations

Geneviève Elsworth, Nicole Lovenduski, Karen McKinnon

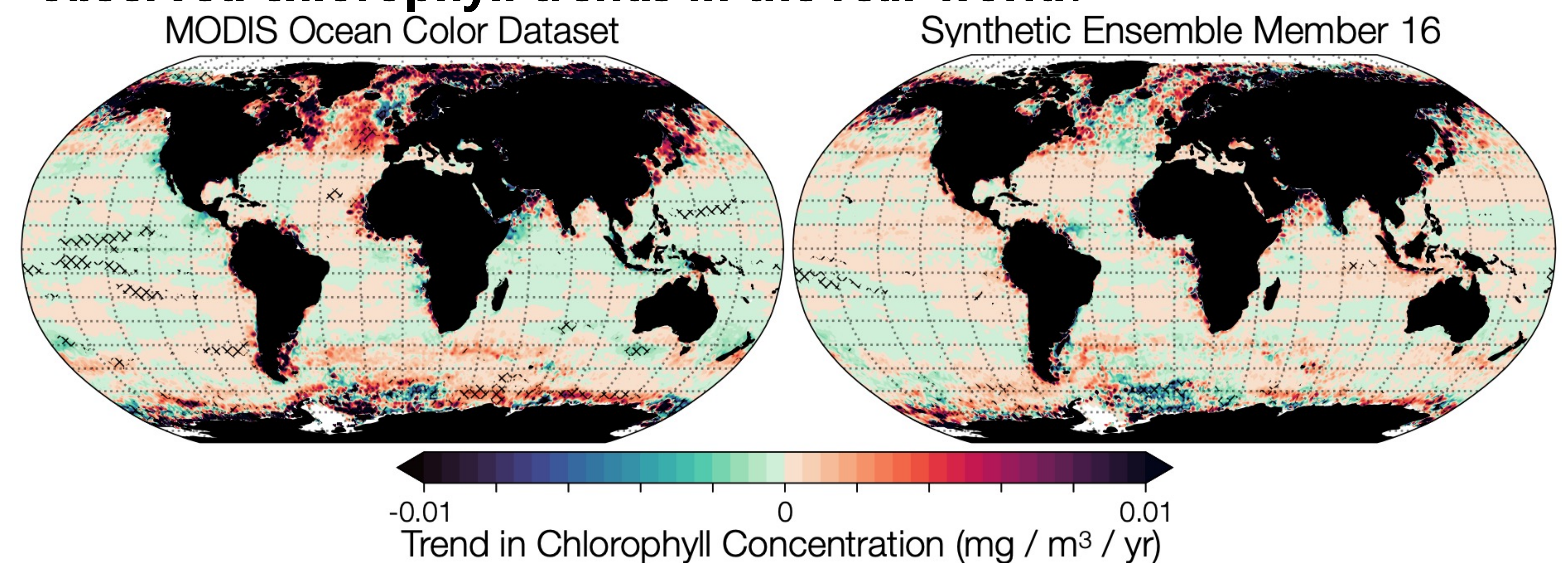
What are phytoplankton and why are they important?



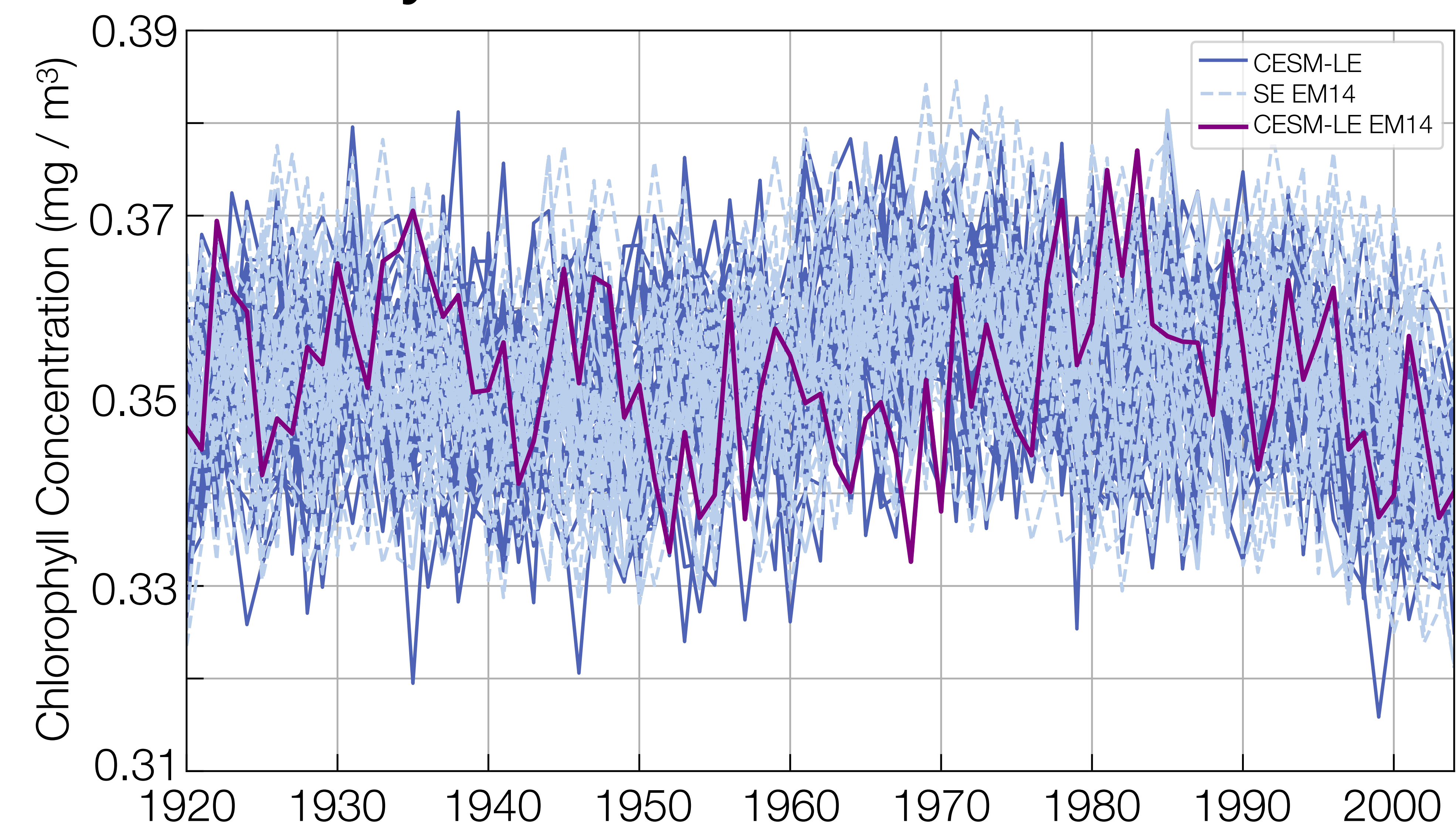
How do we observe phytoplankton?



How do we emphasize the role of internal climate variability in observed chlorophyll trends in the real-world?



How can we verify this statistical method?



University of Colorado **Boulder**



Take a picture to
download the pre-print

