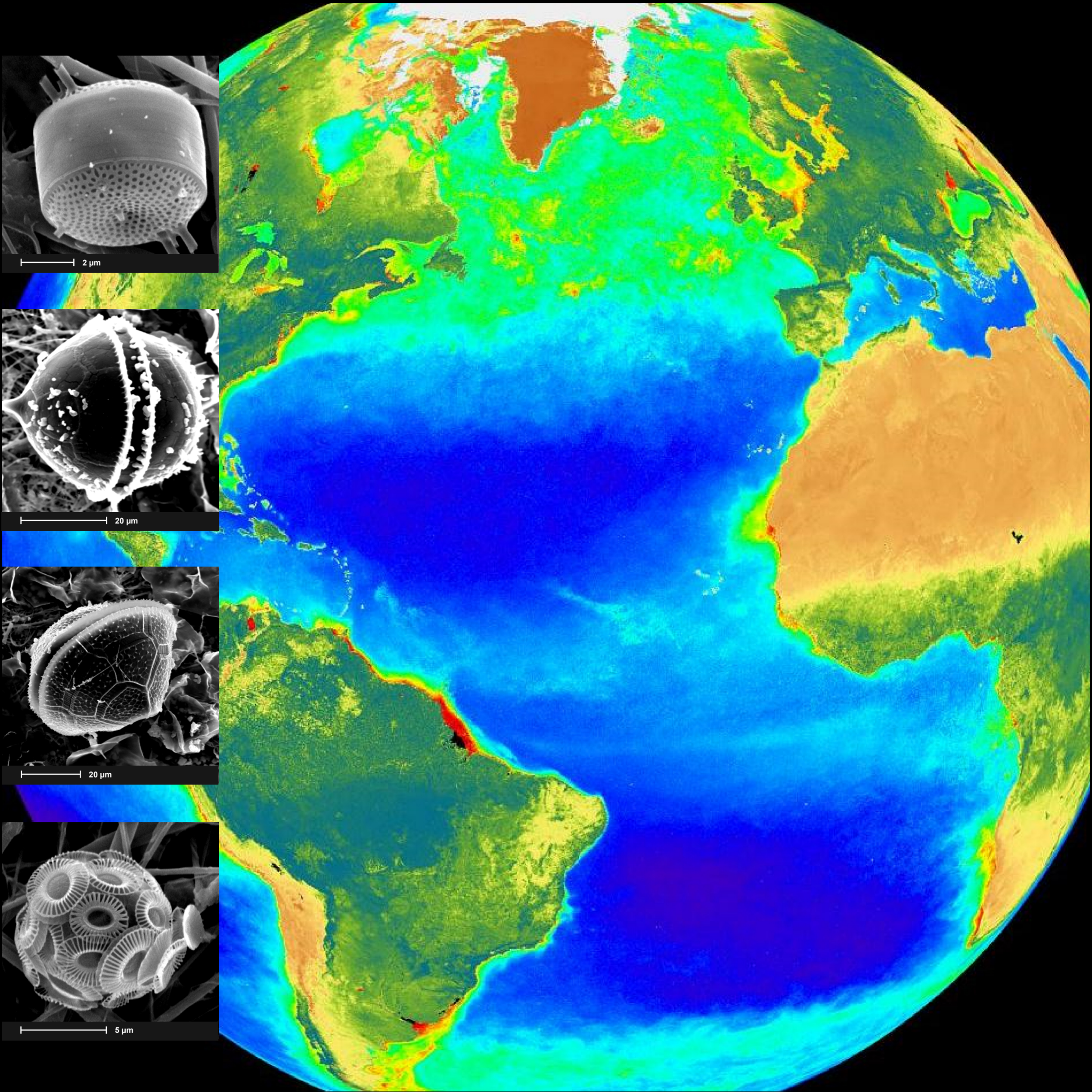


Photosynthesis in the Ocean



Half of the world's photosynthesis occurs in the oceans

The plants in the ocean are microscopic, single-celled organisms called phytoplankton

A cup full of seawater might contain between 100,000 and 1 million of these organisms

Main picture: concentrations of chlorophyll in the ocean, with red showing high chlorophyll, blue showing low chlorophyll. The picture was taken using a chlorophyll-sensitive camera on a satellite.

Picture courtesy of NASA

Insets: scanning electron microscope images of a few of the phytoplankton types. Scale bars are in microns, or millionths of a metre.

Images: Lucy Abram, PhD student, University of Liverpool.

