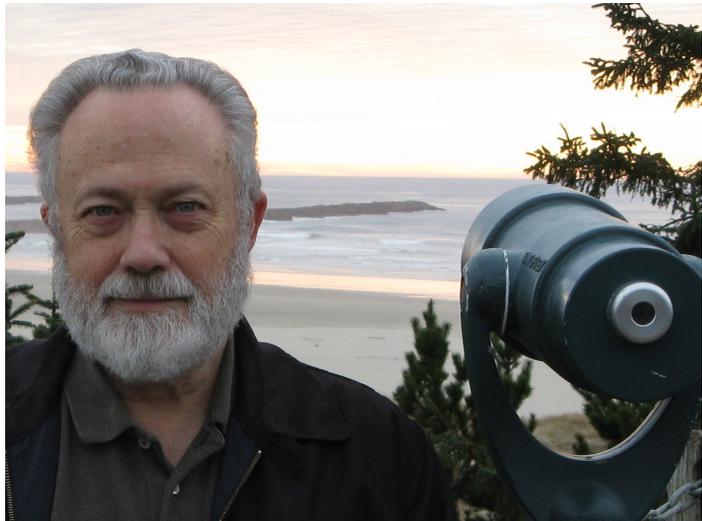


2013 Fellow, The Oceanography Society



Ted Strub

Professor, Physics of Ocean and Atmosphere

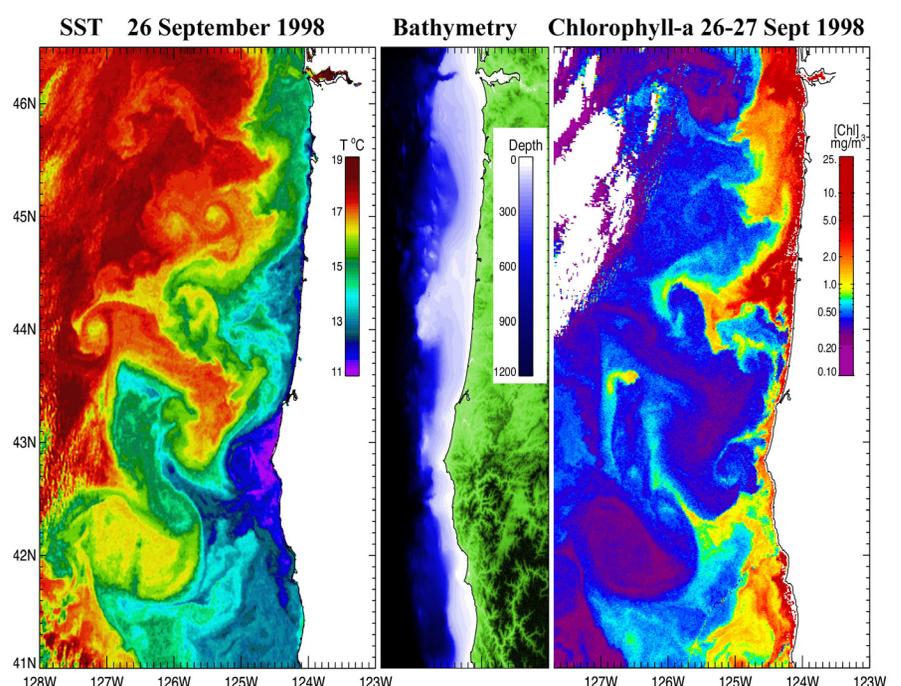
P. Ted Strub has been named 2013 Fellow by The Oceanography Society. The TOS Fellow award recognizes individuals who have attained eminence in oceanography through their outstanding contributions to the field of oceanography or its applications during a substantial period of years.

Strub is honored for his contributions in advancing the understanding of eastern boundary current upwelling systems, helping to lead interdisciplinary studies such as the GLOBEC NE Pacific program.

Strub's research is in statistical analysis of satellite data, coastal oceanography and comparisons of Eastern Boundary Currents along the west coasts of the Americas, Europe and Africa. He attended the University of California, Davis, with a BS in Electrical Engineering, AB in Philosophy & PhD in Atmospheric Sciences.

During 2003–2014, Strub served as Director of the Cooperative Institute for Oceanographic Satellite Studies (CIOSS), between OSU and NOAA. CIOSS has advanced the use of satellite remote-sensing to improve our understanding of physical and biological processes in the upper ocean and lower atmosphere, along with models that assimilate satellite and other data, in order to better represent those processes and predict ocean conditions.

Beyond his research and administrative service, Strub has contributed to outreach through programs such as OSU's Science & Math Investigative Learning Experiences (SMILE), for under-represented high school students.



Surface temperature, bottom depth and surface chlorophyll concentrations in Autumn off Oregon. Next to the coast we see cold upwelled water (blue-green in the left panel), with higher chlorophyll (yellow-red in the right panel), diverted offshore into myriad filaments and eddies by the bottom topography (center panel) and coastline geometry.

"I am fortunate to have had the opportunity to join in the first use of satellite technology to study the ocean from space, which has given us an unprecedented global perspective for regional and mesoscale studies. In this way, we have had an advantage somewhat like the first astronomers to study space, using telescopes. However, the greatest inspiration for me has been the diverse and creative community of colleagues who have shared and enlivened my journey for nearly four decades. Sincere thanks go to my many long-time co-workers and friends (you know who you are). I must especially acknowledge the work of Corinne James, who strengthened and kept our analysis efforts going while I was drawn into program building and administration. I also thank Andy Thomas for helping me keep the broader view needed for interdisciplinary studies and Vivian Montecino for a closer look at Chile, its ocean and oceanographers." — P. Ted Strub