

Dr. PATRICIA ANA MATRAI

Patricia A. Matrai completed undergraduate in Marine Biology at the University of Concepcion and her Ph.D. in Biological Oceanography at Scripps Institution of Oceanography. She has worked at the University of Miami and Bigelow Laboratory for Ocean Sciences (East Boothbay, Maine) where she is now.

Dr. Matrai has mentored graduate and undergraduate students, postdoctoral fellows, and served on numerous national and international boards and committees.

Her current scientific interests include the biology of air-sea exchange; marine aerosols; biology of organic sulfur and ocean acidification; microplastics biology; and microalgae everywhere! Then there is the techie side in the Arctic Ocean building ice-tethered buoys from scratch and producing new or using existing data (field, remote sensing, model outputs).

As an active research scientist, she has participated, or been involved, in more than 40 cruises. In 2018, she returned to Antarctica (April-May, 7 weeks) and the high Arctic Ocean/ North Pole (August-September, 7weeks).