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I am currently a Post Doctoral Fellow in the Graduate Program in Geophysics and Geodynamics (PPGG) from the Federal University of Rio Grande do Norte (UFRN) in Natal, Brazil. I have a degree in Biological Sciences from the University Mackenzie (1992), master's and Ph.D. in Biological Oceanography from the University of São Paulo (1996, 2001), Post Doctorate in the Delaware Geological Survey and in the Delaware College of Earth, Ocean, and Environment (University of Delaware) from 2005 to 2009. I have experience in oceanographic cruises and shipments to collect water samples and marine sediment, acting on the following topics: assessment of environmental quality using bioindicators in coastal and marine environments, with a view to assessing the balneability of beaches and the heating or cooling of the seawater.