

Dr. William W. Schroeder

Dr. Schroeder has been involved in interdisciplinary oceanographic investigations for over 38 years and has conducted research along the coast, continental margins, and deep sea of the northern Gulf of Mexico for the past 29 years. In addition, he has participated in international research endeavors in the Bahamas, Caribbean, Gulf of Papua, Azov Sea, Australia, and South Africa. He has authored and coauthored over 125 scientific publications dealing with estuarine, shelf and open ocean hydrography and circulation, shelf-estuarine interactions, geological and biological characterizations of coastal, continental margin and deep sea habitats, hypoxia-anoxia events and coastal sediment processes. Currently, his research activities include: 1) coupled physical-biological-geological studies in the northeastern Gulf of Mexico; 2) Late Quaternary sea level and paleoceanography investigations of hardbottom sites in the northern Gulf of Mexico; 3) an integrated study of physical and biological processes along the west coast of Australia; and 4) model validation of the coupled katabatic wind, coastal ocean and ice systems in Antarctica.