

## **Dr. Raphael Kudela**

Dr. Kudela has conducted research on aquatic ecology (emphasis on marine systems, but also including land/sea interface and freshwater systems) for over two decades. His research focuses on the factors and processes linking phytoplankton productivity to higher trophic levels, including the ecology, mitigation, and prediction of harmful algal bloom events, changes in global productivity and fisheries, and linkages to human use of aquatic systems. Kudela served as Chair of the Global Ecology and Oceanography of Harmful Algal Blooms program (IOC/SCOR), is co-chair of the US National Harmful Algal Bloom Committee, and is a member of the US National Science Foundation Ocean Observing Systems Review Committee and UNOLS Scientific Committee for Oceanographic Aircraft Research (SCOAR). Within the Ocean Observing framework he serves as the Chair of the Executive Committee for the Central and Northern California Ocean Observing System (CeNCOOS) and is the chair of the California Harmful Algal Bloom Monitoring and Alert Program (Cal-HABMAP). At UCSC he currently holds the Ida Benson Lynn Chair in Ocean Health, and is the Director of the California Science, Technology and Aeronautics Research Institute (Cal-STAR).