

Dr. Burke Hales Biography

Dr. Burke Hales is professor of Ocean Ecology and Biogeochemistry in the College of Earth, Ocean and Atmospheric Sciences at Oregon State University. Dr. Burke holds his degrees in Chemical Engineering and Chemical Oceanography from The University of Washington. He has a long record of publications and service, and has spent approximately 700 days at sea over the course of his career. Notably, he was a lead author on the first State of the Carbon Cycle Report and was the lead editor of the North American Carbon Cycle Report. He has also served as a science judge for the Wendy Schmidt Ocean Health XPrize, which is a \$2 million global competition that challenges teams of engineers, scientists and innovators from all over the world to create pH sensor technology that will affordably, accurately, and efficiently measure ocean chemistry. Dr. Hales current research focus is on coastal ocean carbon cycles; ocean acidification monitoring and experimentation; and, measurement and experimental technology.