



## **KATHLEEN CRANE, Ph.D.**

University of Hawaii and ArcticLynx  
2107 Greenwich St  
Falls Church, VA 22043 USA

Dr. Crane, an affiliate with the University of Hawaii and the Sole Proprietor of ArcticLynx was the Program Manager of the Arctic Research Program of NOAA from 2001-2016. She served as the U.S. mission coordinator for the Russian American Long-term Census of the Arctic (RUSALCA), was the U.S. chair of the Arctic Council's Circumpolar Marine Biodiversity Monitoring Program and the NOAA representative to the Pacific Arctic Group, a forum of

institutions and individuals from Japan, Korea, China, Russia, Canada and the USA.

A graduate of Scripps Institution of Oceanography in 1977, Crane has published more than 90 peer-reviewed articles, and spent more than four years at sea on 48 expeditions. The latest of which was a search for the sunken USS Jeannette in the Arctic Ocean. A graduate student of Dr. Fred Spiess and his Deep-Tow group, Crane was one of the first to locate thermal signals of deep-sea vents in the Galapagos Spreading Center in 1976. In 1977 she was the navigator for the first ALVIN dives to the Galapagos Vents and she continued investigating mid-ocean ridges with deep ocean submersibles for many years, culminating with internationally funded dives in the Arctic with the Russian Submersibles, MIR 1 and MIR 2. After a postdoctoral position at WHOI with Bob Ballard, she joined the Lamont-Doherty Earth Observatory at Columbia University in 1979. In 1980, encouraged by the Office of Naval Research, her marine geophysical research shifted toward the Arctic, and she was one of two Americans invited on the Swedish YMER Expedition into an uncharted region, with the goal of duplicating the route of Nordenskjold, with King Karl Gustov and his royal entourage. In 1994 she joined the U.S. Navy's Naval Research Laboratory as a Supervisory Oceanographer to create the Arctic Environmental Atlas and to build relations with Russian Scientists for collaborative work in the Nordic Seas. With funding from the Office of Naval Research (ONR) and the National Science Foundation (NSF), she collaborated with Swedish, Norwegian, Canadian, Russian, French and German scientists on Arctic expeditions. Dr. Crane has also been a visiting scientist at the University of California, Santa Barbara, the University of Hawaii, the University of Oslo, Norway, had a Fulbright Grant to work at the University of Paris, France, and offered her skills to the Environmental Defense Fund where she developed the *Arctic At Risk* Program in 1993.

Dr. Crane held the position of Full Professor in the Department of Geology and Geography at the City University of New York's Hunter College, from 1985 until 2002. She continued to pursue her research at the Lamont Doherty Environmental Observatory.

Dr. Crane is the author of three books: *Sea Legs*, *The Atlas of the Norwegian-Greenland Seafloor* and *the Arctic Environmental Atlas*.