



Rudi Markl, Ph.D.

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Dr. Markl received a BS in geology from the Univ. of KY in 1960. Following two years' Navy Reserve active duty on an ASW aircraft carrier he worked for a seismic exploration company in Texas for a year. In 1963 he joined Lamont Geological Observatory in John Ewing's Marine Seismology Department and sailed on eleven cruises of USNS Eltanin, Robert D. Conrad, Vema, Alaminos (under Maurice Ewing) and Zapiola (the first-ever airgun survey). An early interest in seafloor mega-ripples led to a two-decade fixation with the sedimentary Blake-Bahama outer ridge and its gas hydrate horizon.

In 1970 he received an MA in marine geology from Queens College, NY. He first served as chief scientist in 1971. In 1973 he received a Ph.D. in marine geophysics from the Univ. of CT Marine Sciences Institute. His dissertation synthesized marine geophysical data off Western Australia and identified M-series magnetic anomalies that revealed the age and geometry of the Gondwana breakup there. He then joined Lamont's IPOD Site Survey Management Office, under Mark Langseth, planning geophysical surveys for IPOD (DSDP) drill sites worldwide, including the "IPOD" multichannel line (the first-ever deep-ocean multichannel line). From 1980-82 he worked for Amerada Hess International in Manhattan, assessing oil prospects worldwide.

In 1984 he joined the Naval Oceanographic Office near New Orleans, developing ASW bottom-loss models and serving as chief scientist on five deep-ocean surveys of Silas Bent, Wilkes, and Kane before retiring in 1999. In 2004, not long before Hurricane Katrina hit, he moved back to Rye, New York to enjoy the four seasons, canoe the whitewater rivers and explore the beauty and history of New England and the endless attractions of New York City. He joined the Lamont Alumni Board in 2008.