

RESUME

CRAIG B. LEIDERSDORF

PRINCIPAL

B.S., Civil Engineering (Stanford University, 1972)

M.S., Coastal and Ocean Engineering (U.C. Berkley, 1975)

Mr. Leidersdorf received a B.Sc. degree in Civil Engineering from Stanford University and an M.Sc. degree in Coastal and Ocean Engineering from the University of California, Berkeley. His professional experience encompasses both research and practical applications in the disciplines of coastal and harbor engineering, oceanography, and marine technology. Areas of particular emphasis include shore protection, manmade islands, coastal processes and sediment transport, nearshore oceanography, field data acquisition, and construction supervision.

A founder and Principal of Coastal Frontiers Corporation, Mr. Leidersdorf manages both focused engineering studies and multi-disciplinary programs of a more general nature. Representative Arctic projects that he has directed or supported include the design of slope protection systems for the first man-made islands in Alaska with a multi-year design life (Resolution and Endeavor Islands, in 1980), the Endicott production facility, the Prudhoe Bay West Dock Causeway 650-ft Breach; the abandonment of Mukluk and Tern Islands; the acquisition and analysis of ice gouge and strudel scour data for the Northstar and Oooguruk Developments; assessments of coastal erosion in the Point Thomson Unit and in Prudhoe Bay; and an analysis of supply base sites on northeast Sakhalin Island.

Professional Background

1980 - 1986 Executive Vice President, Tekmarine, Inc. (Sierra Madre, CA)

- **Manmade Islands** - Oceanographic design criteria, preliminary and final design, construction supervision, performance monitoring, and maintenance recommendations, Beaufort Sea, Alaska.
- **Shore Protection** - Concept development, scale model testing, prototype testing, final design, and performance monitoring of a wide variety of systems in California and Alaska.

1977 - 1980 Coastal Engineer, Tetra Tech, Inc. (Pasadena, CA)

- **Marina Design**
- **Beach Erosion**
- **Navigation Channels**

1976 - 1977 Design Engineer, Swan Wooster Engineering Company, Ltd. (Vancouver)

Mr. Leidersdorf has published articles on coastal engineering in both the United States and Japan, and served as co-editor and contributing author for the ASCE monograph *Arctic Coastal Processes and Slope Protection Design*. He recently served as Deputy Lead of the working group convened under ISO 19906 to develop international standards for man-made islands. He also is a member of Phi Beta Kappa, and Tau Beta Pi. He is a NAUI-certified scuba diver with 30 years of experience in underwater inspections and instrumentation.