CURRICULUM VITAE

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Education

1971	B.Sc.,	Tsinghua University, Taiwan, Physics
1975	M.S.,	University of Utah, Salt Lake City, Physics and Meteorology
1979	Ph.D.,	North Carolina State University, Physical Oceanography

Professional Background

1979-1980	Staff Scientist, Research and Data Systems, Inc., NASA/Goddard Space Flight Center
1980-1983	Assistant Professor, Nova University Oceanographic Center
1983-1984	Associate Professor, Nova University Oceanographic Center
1984-1991	Associate Professor, University of Maryland System Center for Environmental and Estuarine Studies, Horn Point Environmental Laboratory
1991	Visiting Professor, Commonwealth Center for Coastal Physical Oceanography, Old Dominion University
1992-present	Professor, University of Maryland Center for Environmental Science, Horn Point Laboratory

Research

A. Area of professional expertise

Continental Shelf Processes, Western Boundary Currents Dynamics, Lower Atmosphere Circulations, Estuarine Circulations, Numerical Modeling of Mesoscale Processes in the Ocean, Biogeochemical Processes, Biophysical Interactions, Sediment Transport Processes

B. Publications

Chao, S.Y., L.J. Pietrafesa and G.S. Janowitz (1979). The scattering of continental shelf waves by an isolated topographic irregularity. *J. Phys. Oceanogr.*, **9**, 687-695.

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