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PRESENT TITLES AND POSITION:

- **Project Chief, National Research Program**
- **Water Resources Division, U. S. Geological Survey**
- **Senior Research Scientist (Since April 1992)**
- **Consulting Professor, Civil Engineering Department, Stanford University (1989-)**
- **Guest Professor, Physical Oceanography Department, Qingdao Ocean University (1995-)**

EDUCATION:

- **University of California at Berkeley, Ph.D. 1967, Mechanical Engineering.**
- **University of California at Berkeley, M. S. 1964, Mechanical Engineering.**
- **National Taiwan University, B. S. 1961 Mechanical Engineering.**

PROFESSIONAL SOCIETIES:

**American Geophysical Union
American Society of Civil Engineers
Society of Sigma Xi
Pacific Estuarine Research Society
San Francisco Bay and Estuarine Association**

AWARDS AND HONORS:

- **1967 First Bernard Friedman Memorial Prize, Univ. of California at Berkeley.**
- **1984 Service Award, USGS, Department of the Interior.**
- **1988 National Science Foundation award to Co-sponsor the 1988 Inter. Conf. on Physics of Shallow Estuaries and Bays.**
- **1989 Special Achievement Award, WRD, USGS.**
- **1989 Superior Service Award, Department of the Interior.**
- **1991 Special Achievement Award, WRD, USGS.**
- **1994 The USGS 1994 Federal Engineer of the Year Award, the National Society of Professional Engineers.**
- **1996 Hugo B. Fischer, The Bay and Delta Modeling Forum.**
- **1996 Meritorious Service Award, Department of the Interior.**
- **1999 Legacy Award, California State Lands Commission.**

PROFESSIONAL EXPERIENCE:

- **Member of Hydro-21 Committee, Defining Hydrologic Instrumentation for the 21-st Century, Oct 1997 to present.**
- **Research and Technical Advisor to District Offices**
- **Research Advisor, Surface Water Hydrology, National Research Program, Water Resources Division, U. S. Geological Survey.**
- **Project Chief, NRP, WRD, USGS, June of 1976 to present: Responsible for overall hydrodynamic studies of San Francisco Bay. This project is a segment in the interdisciplinary San Francisco Bay research programs in NRP, WRD. Research activities include both field data collection and mathematical modeling, and comprehensive integration and interpretation of field data and modeling results.**
- **Assistant and Associate Professor, Mechanical Engineering Department, State University of New York at Buffalo, 1967-1974.**
- **Organizing Committee on the International Conference on the Physics of Estuaries and Coastal Seas, (Member, 1986, 1990, Chairman, 1988, advisory Board, 1992, 1994, 1996, 1998, 2000, 2002)**
- **Vice Chairman and Chairman, Technical Committee on Computational Hydraulics, American Society of Civil Engineers, 1981-1984.**
- **Organizing Committee for the International Conference on Estuarine and Coastal Modeling Co-editors for the Proceedings, 1989, 1991, 1993, 1995 (Co-chairman), 1997, 1999, 2001.**